

Drinking Water Facilities Funding Applications September 2014



TITLE: Drinking Water Facilities Funding Applications

EXPLANATION: The following applications have been received by DENR for funding consideration at this meeting. The projects' priority points are shown in parentheses.

- a. Onida (99)
- b. Hisega Meadows Water, Inc. (98)
- c. Eagle Butte (80)

COMPLETE APPLICATIONS: The application cover sheet and WRAP summary sheets with financial analysis have been provided as part of the board packet. The complete applications are available online and can be accessed by typing the following address in your internet browser:

<http://denr.sd.gov/bwnrapps/BWNRappsdf0914.pdf>

If you would like a hard copy of the applications, please contact Dave Ruhnke at (605) 773-4216.

WRAP REVIEW SHEET
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF ONIDA

Project Title: Water System Improvements

Funding Requested: \$1,805,000

Other Proposed Funding: \$500,000 - Local Cash

Total Project Cost: \$2,305,000

Green Reserve Amount:

Project Description: This project will construct a 200,000-gallon water storage tank, provide all metered connections with a new water meter and install an automatic meter reading system. Improvements to the distribution system include looping to eliminate dead end lines and installation of additional hydrants and valves for better operational control of the system.

Alternatives Evaluated:

The No Action alternative was evaluated and rejected due to the issues with the existing old distribution lines, inaccurate meters, and low pressures.

The alternative to replace water meters with a radio read system is the chosen alternative. The city will also conduct a water leak detection survey to determine water loss locations.

Water Distribution Phase 1 includes looping dead end lines and installing additional hydrants and valves. A second phase is anticipated and will replace all asbestos concrete pipe with PVC pipe.

Water storage alternative compared the benefits of replacing the existing 50,000-gallon water tower with a 200,000-gallon water tower or a ground storage tank with a booster station. The city has chosen to construct a 200,000-gallon water tower which eliminates the need for additional costs associated with a ground storage tank pumping facility.

Implementation Schedule:

Onida anticipates bidding the project in February 2015 with a project completion date of April 2016.

Service Population: 681

Current Domestic Rate: \$29.20 per 5,000 based on usage

Proposed Domestic Rate at Project Completion: \$29.20 per 5,000 based on usage

Interest Rate: 3.0% Term: 20 years Security: Water Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Onida would have to enact a surcharge of \$29.35 to provide 110% coverage. When added to its current rate of \$29.20/5,000 gallons, Onida's monthly rate would increase to \$58.55.

25% Funding Subsidy: \$451,250 subsidy with a loan of \$1,353,750.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$1,353,750, Onida would have to enact a surcharge of \$22.05 to provide 110% coverage. When added to its current rate of \$29.20/5,000 gallons, Onida's monthly rate would increase to \$51.25.

50% Funding Subsidy: \$902,500 subsidy with a loan of \$902,500.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$902,500, Onida would have to enact a surcharge of \$14.70 to provide 110% coverage. When added to its current rate of \$29.20/5,000 gallons, Onida's monthly rate would increase to \$43.90.

75% Funding Subsidy: \$1,350,750 subsidy with a loan of \$451,250.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$451,250, Onida would have to enact a surcharge of \$7.35 to provide 110% coverage. When added to its current rate of \$29.20/5,000 gallons, Onida's monthly rate would increase to \$36.55.

ENGINEERING REVIEW COMPLETED BY: CLAIRE PESCHONG

FINANCIAL REVIEW COMPLETED BY: DAVID RUHNKE

Professional Consultants

Application Prepared By: Central South Dakota Enhancement District

Contact Person: Joshua Mades, Planner

Mailing Address: 3431 Airport Rd. Suite 3 or PO Box 220

City, State, and Zip: Pierre, South Dakota 57501

Telephone Number: (605) 773-2780 or (605) 773-2785 Fax: (605) 773-2784

Email address: joshua@csded.org

Consulting Engineering Firm: SPN & Associates

Contact Person: Camden A. Hofer

Mailing Address: PO Box 398

City, State, and Zip: Mitchell, South Dakota 57301

Telephone Number: (605) 996-7761 Fax: (605) 996-0015

Email address: chofer@spn-assoc.com

Legal Counsel's Firm: City of Onida Attorney

Legal Counsel: Emily Sovell

Mailing Address: PO Box 72

City, State, and Zip: Onida, South Dakota 57564

Telephone Number: (605) 258-2546 Fax: (605) 258-2898

Email address: jsovell@venturecomm.net

This section applies only to political subdivisions

Bond Counsel's Firm: Meierhenry Sargent, LLP

Bond Counsel: Todd Meierhenry

Mailing Address: 315 S. Phillips Avenue

City, State, and Zip: Sioux Falls, South Dakota 57104

Telephone Number: (605) 336-3075 Fax: (605) 336-2593

Email address: todd@meierhenrylaw.com

BUDGET SHEET

Cost Classification	A CWFCP / DWSRF	B City of Onida	C	D	E	Total Funds
1. Administrative Expenses						
A. Personal Services						
B. Travel						
C. Legal including Bond Counsel	\$33,360.00	\$9,240.00				\$42,600.00
D. Other (Publications, audits, admin asst., etc)	\$9,397.00	\$2,603.00				\$12,000.00
2. Land, Structure, Right-of-Way						
3. Engineering						
A. Bidding and Design Fees	\$99,454.00	\$27,546.00				\$127,000.00
B. Project Inspection Fees	\$114,332.00	\$31,668.00				\$146,000.00
C. Other <small>Geotechnical and Construction Engineering, Leak Detection Survey</small>	\$8,614.00	\$2,386.00				\$11,000.00
4. Construction and Project Improvement	\$1,398,616.00	\$387,384.00				\$1,786,000.00
5. Equipment						
6. Contractual Services						
7. Other						
8. Other						
9. Subtotal (Lines 1-8)	\$1,663,773.00	\$460,827.00				\$2,124,600.00
10. Contingencies	\$141,227.00	\$39,173.00				\$180,400.00
11. Total (Lines 9 and 10)	\$1,805,000.00	\$500,000.00				\$2,305,000.00
12. Total %	78.31%	21.69%	0.00%	0.00%	0.00%	100.00%

Columns A - E: Identify each funding source and enter the amounts budgeted by cost category.

Comments: The City of Onida's \$500,000 contribution is from sales tax revenue. The City has submitted a request for up to \$20,000 to Central Plains Water Development District to assist with the engineering fees for the water project. If funded the city may not need to borrow as much for the project.

Method of Financing

Source Header	Secured Funds	Unsecured Funds (Date Anticipated)
Local Cash (Identify Source) Tax Dollars	\$500,000.00	
Other (Explain) DWSRF _____		\$1,805,000.00 September 2014
Other (Explain) _____		
TOTAL	\$500,000.00	\$1,805,000.00

Comments:

A 100% loan would involve a surcharge of \$28.50/month/user which would result in a water rate of approximately \$53.90/month/user/5,000 gallons for inside city limit users. The City would really like to borrow only between \$805,000 and \$1 million which would leave the surcharge between \$12.72 and \$15.79. This project is Phase I, as we still need to undertake major main replacement project.

7.3.1 Repayment Information

Interest rate and term you are applying for: 3 %, 20 years.

What security is being pledged toward the repayment of this loan?

(Political Subdivisions Only)

- 1. General Obligation bond (requires bond election)
- 2. Water Revenue bond
- 3. Project Surcharge Revenue bond
- 4. Sales Tax Revenue bond

7.3.2 Documents That Must Be Submitted With The Application

Financial Documents

1. Most recent audit or unaudited financial statement to include specific accounting of pledged funds. 2012-2013 audit is scheduled to be completed in 1 month.
2. Current year's budget.

Planning and Legal Documents

1. Governing user charge ordinance or resolution and its effective date.
2. Resolution of authorized signatory for submission of the Drinking Water SRF application and signing of payment requests. This resolution must also include the maximum loan amount requested, interest rate and term being applied for, description of proposed project, and security pledged towards repayment of the loan.
3. Facilities Plan (8.3.18).
4. Capacity Assessment Worksheets (section 8.3.16).

Items 5-7 apply to Nonprofit Entities only

5. By-laws
6. Articles of Incorporation
7. Certificate of Good Standing from Secretary of State

7.3.3 General Information

The month and day your fiscal year begins: January 1

Population Served

Current ⁶⁸¹	2000 ⁷⁴⁰	1990 ⁷⁴⁵
Top Five Employers Within 30 Miles	Number of Employees	Type of Business
State of South Dakota	3,179	Government
Avera St. Mary's Hospital	475	Healthcare
Pierre School District	422	Education
Wal-Mart	350	Retail
Federal Government	294	Government

Please indicate employers within boundary of issuing entity with an asterisk (*).

7.3.4 Drinking Water Utility Information

Current Water Utility Debt *N/A*

Year							
Purpose							
Security Pledged							
Amount							
Maturity Date (mo/yr)							
Debt Holder							
Debt Coverage Requirement							
Avg. Annual Required Payment							
Outstanding Balance							

Use additional sheets if more room is required to list all current water utility debt.

Drinking Water Utility Cash Flow

Fiscal Year	Prior Year 2012 Actual	Prior Year 2013 Actual	Current Year 2014 Budget	Future Year # 2016
OPERATING CASH FLOW				
Water Sales	\$151,399	\$140,605.34	\$131,000.00	\$147,370.00
Surcharge Fee				\$132,379.00
Other (Explain) <u>Utility Penalties</u>	\$1,077	\$1,146.89	\$1,000.00	\$1,020.00
OPERATING PAYMENTS				
Personal Services	(\$25,270)	(\$25,154.00)	(\$29,670.00)	(\$31,288.00)
Chemical, Material & Supplies	(\$95,804)	(\$92,469.33)	(\$95,050.00)	(\$97,178.00)
Electric & Other Utilities	(\$2,116)	(\$3,229.36)	(\$3,000.00)	(\$3,121.00)
Other (Explain) <u>Testing, insurance,</u> <u>publishing, travel, dues</u>	(\$4,742)	(\$26,316.66)	(\$7,100.00)	(\$7,161.00)
NET CASH FROM OPERATIONS	\$24,544	(\$5,417.12)	(\$2,820.00)	\$142,021.00
NONOPERATING CASH FLOW				
Interest Income				
Other Revenue (Explain) _____				
Transfers In (Explain) _____				
Fixed Asset Sale (Explain) _____				
Transfers Out (Explain) _____				
Fixed Asset Purchases (Explain) _____				
Debt Payment (Principal Only)				(\$66,943.00)
Debt Payment (Interest Only)				(\$53,402.00)
Other Expenses (Explain) _____				
NET CASH FROM NONOPERATING				(\$120,345.00)
Net Increase (Decrease) in Cash	\$24,544	(\$5,417.12)	(\$2,820.00)	\$21,676.00
Beginning Cash Balance	\$141,424	\$165,968.00	\$160,551.00	\$274,627.00
Ending Cash Balance	\$165,968	\$160,550.88	\$157,731.00	\$296,303.00
RESTRICTED BALANCE	\$0	\$0.00	\$0.00	\$0.00
UNRESTRICTED BALANCE	\$165,968	\$160,550.88	\$160,551.00	\$164,755.00

Future Year: First full year after project completion. **This assumes no grant funds or loan forgiveness received and a surcharge of \$28.50/month/user*

Restricted Funds Breakdown:

<u>Amount</u>	<u>Anticipated Expense</u>	<u>Method Used to Encumber</u>
\$0.00		

Water Fees:

Attach current and proposed rate ordinances or resolutions and rate schedules.

Municipal or Sanitary District - monthly rates at 5,000 gallons (670 cubic feet)

Other Community Water System - monthly rates at 7,000 gallons (935 cubic feet)

Check one: Incorporated Municipality or Sanitary District
or
 Other Community Water System

Monthly:	<u>Current Rate</u>	<u>Proposed Rate*</u>	<u># of Accounts</u>	<u>Average use gallons/cubic feet</u>
Domestic	Inside City: \$29.20 Outside City: \$32.20	Inside City: \$53.90 Outside City: \$56.90	Inside City: 312 Outside City: 22	<u>2,000 gal/month</u>
Business	Inside City: \$29.20 Outside City: \$32.20	Inside City: \$53.90 Outside City: \$56.90	Inside City: 48 Outside City: 5	<u>24,600 gal/month</u>
Other: _____				

*This is the anticipated rate increase if no grant or loan forgiveness is received.

Are fees based on usage or flat rate? Usage

When is proposed fee scheduled to take effect? Actual rate will be determined based on funding package completion.

When did the current fee take effect? May 2014

What was the fee prior to the current rate? Inside City: \$24.20/user/month/5,000 gallons
 Outside City: \$27.20/user/month/5,000 gallons

Attach current and proposed rate ordinances or resolutions and rate schedules.

<u>Five Largest Customers</u>	<u>Type of Business</u>	<u>% of System Revenues</u>
MidWest Co-op	Agriculture	5%
Cone Ag, Inc	Agriculture	3%
Barber Farm Service	Agriculture	2%
ABO School	Education	1%
Fireside Restaurant and Lounge	Food Service/Retail	1%

7.3.5 Property Tax Information (Not applicable for this project)

(Complete only if General Obligation bond is pledged to repay your loan.)

Three year valuation trend:

Year			
Assessed Valuation	_____	_____	_____
Full & True Valuation	_____	_____	_____

Three year levies and collection trend:

Year			
Amount Levied	_____	_____	_____
Collected	_____	_____	_____
Penalties/Interest	_____	_____	_____
Late Payments	_____	_____	_____

Five Largest Taxpayers	Description	Assessed Valuation
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Comments:

7.3.7 Facilities Plan Checklist.

Before submitting the application, please take a few moments to complete the following checklist. Addressing these items prior to submitting the application will expedite the review process

Checklist of SRF Facilities Plan Requirements	
Have the following items been addressed?	
◆ Submission of a Facilities Plan to the department that addresses those items found in section 8.3.18.	<u>On File with State</u>
◆ A public hearing held discussing the project and the use of an SRF loan to finance the project. (See section 8.3.15)	<u>×</u>
◆ Minutes of the public hearing prepared and submitted to the department for inclusion into the final Facilities Plan.	<u>×</u>
◆ The affidavit of publication of the public hearing received and submitted to the department for inclusion into the final Facilities Plan. (See section 8.3.15)	<u>See Attached</u>
◆ The four review agencies contacted and responses received for inclusion into the final Facilities Plan. (See section 8.3.18)	<u>Responses Attached</u>
◆ The Cultural Resources Effects Assessment Summary and supporting documentation, such as an archaeological survey or Historic Register database search. (See section 8.3.20)	<u>Not Completed at This Time</u>

7.3.8 Certification of Drinking Water Needs Categories

Identify the loan amount associated with the needs category or categories described below. If the loan addresses needs in more than one category, please break down the total amount into estimated amounts for each category.

Definition	Loan Amount Total/Loan Amount
<u>Transmission/Distribution</u>	\$1,187,000 / \$929,540
<u>Treatment</u>	
<u>Storage</u>	\$1,108,000 / \$867,675
<u>Source</u>	
<u>System Purchase</u>	
<u>Restructuring</u>	
<u>1452(k) Loan Activities</u>	
1. To acquire land or a conservation easement for source water protection.	
2. To implement voluntary, incentive-based source water quality protection measures.	
TOTAL	\$2,305,000 / \$1,805,000

City of Onida

Name of Applicant



Signature of Authorized Representative

06/27/2014

Date

7.3.10 Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 U.S.C. §1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Gary Wickersham, Mayor

Name & Title of Authorized Representative

 _____ Jun 27, 2014
Signature of Authorized Representative Date

___ I am unable to certify to the above statements. Attached is my explanation

RESOLUTION NO. 2014-2

RESOLUTION AUTHORIZING AN APPLICATION FOR FINANCIAL ASSISTANCE, AUTHORIZING THE EXECUTION AND SUBMITTAL OF THE APPLICATION, AND DESIGNATING AN AUTHORIZED REPRESENTATIVE TO CERTIFY AND SIGN PAYMENT REQUESTS.

WHEREAS, the City of Onida has determined it is necessary to proceed with improvements to its Water System, including but not limited to the a new water tower, new water meter system, water distribution improvements, and a leak detection survey;

WHEREAS, the City has determined that financial assistance will be necessary to undertake the Project and an application for financial assistance to the South Dakota Board of Water and Natural Resources (the "Board") will be prepared; and

WHEREAS, it is necessary to designate an authorized representative to execute and submit the Application on behalf of the City and to certify and sign payment requests in the event financial assistance is awarded for the Project.

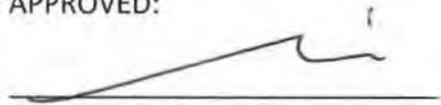
NOW THEREFORE BE IT RESOLVED by the City as follows:

1. The City hereby approves the submission of an Application for financial assistance in an amount not to exceed \$2,305,000 to the South Dakota Board of Water and Natural Resources for the Project.
2. The mayor is hereby authorized to execute the Application and submit it to the South Dakota Board of Water and Natural Resources, and to execute and deliver such other documents and perform all acts necessary to effectuate the Application for financial assistance.
3. The mayor is hereby designated as the authorized representative of the City to do all things on its behalf to certify and sign payment requests in the event financial assistance is awarded for the Project.

Adopted at the City of Onida City Council meeting, Onida South Dakota, this 17th day of June, 2014.

This resolution is effective upon passage.

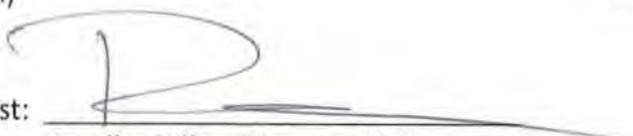
APPROVED:



Gary Wickersham , Mayor
City of Onida

(Seal)

Attest:



Rondha Hiller, Finance Officer

RESOLUTION 2014-1

WHEREAS: The City of Onida is in need of upgrading its water services and ;

WHEREAS: The State of South Dakota mandates that Cities charge a minimum amount for water services;

NOW THEREFORE BE IT RESOLVED: The City of Onida shall increase water rates by Five dollars (\$5) a month for the first 3000 gallons starting with the May 2014 meter reads. Rates will be as follows:

CITY LIMITS

\$23.50 per month for the first 3000 gallons

\$ 2.85 per 1000 gallons up to 20,000 gallons

\$ 2.95 per 1000 gallons 20,001 thereafter

OUTSIDE CITY LIMITS

\$26.50 per month per hook-up for water outside city limits up to 3000 gallons

\$ 2.85 per 1000 gallons up to 20,000 gallons

\$ 2.95 per 1000 gallons 20,001 thereafter

Dated this May 5th, 2014



Gary Wickersham, Mayor



Rondha Hiller, Finance Officer

Published May 15th, 2014 at the total approximate cost of \$

ORDINANCE NO. X.3.3 A-2

An ordinance changing the monthly water rates.

WHEREAS, The Water supplier to the City of Onida, Sully County, South Dakota will be increasing the water rates charged to us and;

WHEREAS, The City Council of the City of Onida has deemed it necessary to increase our water rates;

THEREFORE BE IT HEREBY ORDAINED, that effective with the October, 2011 meter reads the water rates will change to the following:

Inside city limits--\$18.50/month/connection for up to 3,000 gallons, plus \$2.85 per thousand for 3,001 to 20,000 gallons, plus \$2.95 per thousand for 20,001 and up

Outside city limits--\$21.50/month/connection for up to 3,000 gallons, plus \$2.85 per thousand for 3,001 to 20,000 gallons, plus \$2.95 per thousand for 20,001 and up.

First read-	September 6, 2011
Second read-	October 3, 2011
Final adoption-	October 3, 2011
Published-	October 6, 2011



 Gary Wickersham, Mayor



 Rondha Hiller, Finance Officer

Published October 6, 2011 at the approximate cost of \$

CITY OF ONIDA
PUBLIC MEETING/WATER PROJECT
06/17/2014

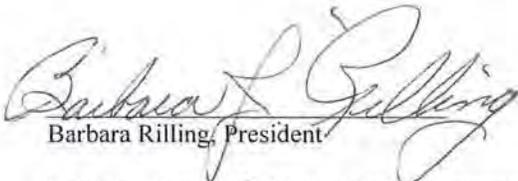
The Onida City Council held a special meeting on June 17, 2014 at 7:30 p.m. to discuss the water project and funding sources with representatives from the Central South Dakota Enhancement District. This being the time and place for the public hearing, the meeting was called to order by President Barbara Rilling. Present at Roll Call: Barb Rilling, Bob Porter, Marla Mosiman, Linda Knox and Don Goddard. Absent: Mayor Wickersham and Joel Miller. Also present: Marlene Knutson and Joshua Mades. No one from the general public attended.

The project involves the construction of a new 200,000 gallon water storage tower, installation of a new meter system, water distribution improvements and a leak detection survey. The need for this project is due to several factors: the existing water tower is poor due to its age and storage is inadequate; the water meters have passed their life expectancy and replacement parts are no longer available; a leak detection survey will be completed to determine where the worst leaks are occurring; and water distribution improvements--looping, hydrants and valves—will be undertaken to correct pressure problems due to dead end lines, and correct valve deficiency issues in order to isolate the system for repairs.

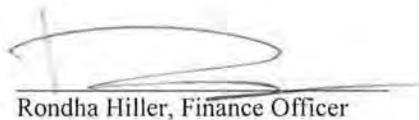
The total expected cost of the project is: Water Meters \$309,535, Water Tower \$1,107,100, Water Distribution \$879,635, and Leak Detection \$6,000 for a total of approximately \$2,305,000. We have enlisted help from Central South Dakota Enhancement District to find financing and grants for the project. Marlene Knutson and Joshua Mades stated that we have two (2) options. One being with the SD DENR which offers financial assistance including grants and loans or a combination of both with the loan being 20 years at 3% interest. The other being with Rural Development which offers financing which may include a combination of grant and loans or both with the loans for up to 40 years at 3.25% interest.

The amount of financial assistance that the City of Onida will be requesting will be up to \$2,305,000 from SD DENR. With this amount Motion was made by Mosiman seconded by Goddard to allocate \$500,000 from our FIT Account (extra 2% tax). Roll Call: All ayes. Motion carried. Absent: Miller. The City will also request \$20,000 from the Central Plains Water Development District. Any loans will be repaid from a surcharge and various rate surcharge monthly amount were discussed depending on the final loan amount at 3% for 20 years including surcharges ranged from \$36.40/month with all being loan down to a surcharge of \$20.61/month if only \$1,305,000 had to be borrowed. The surcharge will be in addition to the regular water rates. Resolution 2014-2 was introduced from the Central South Dakota Enhancement District for this project. Motion by Knox seconded by Porter to approve the Resolution. Roll Call: All ayes. Motion carried. Absent: Miller. This Resolution is published separately.

Motion to adjourn meeting at 8:35 p.m. made by Knox seconded by Porter. All ayes. Motion carried. The next regular City Council meeting will be held at 7:30 p.m. on July 7, 2014.



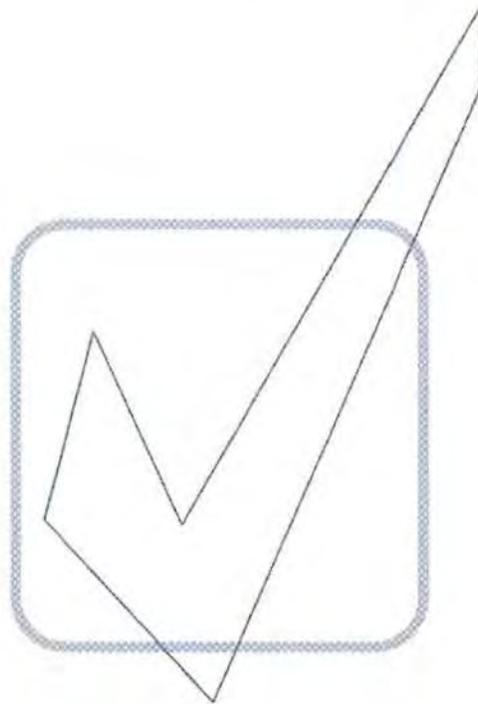
Barbara Rilling, President



Rondha Hiller, Finance Officer

Published June 26th, 2014 at the total approximate cost of \$

**8.3.16 Capacity Assessment Worksheets
for
Public Water Systems**



**Department of
Environment and Natural Resources**

Revised January 2007

Introduction

Because you are in the process of applying for a Drinking Water State Revolving Fund (DWSRF) loan, it is necessary for you to complete the following worksheets. The Safe Drinking Water Act requires that a system applying for a DWSRF loan must demonstrate that it has financial, managerial, and technical capacity. What exactly does that mean?

- **Technical capacity** - the physical infrastructure of the water system, including but not limited to the source water adequacy, infrastructure adequacy, and technical knowledge. In other words, does your treatment system work the way it is supposed to? Are you providing the safest and cleanest water possible and required by law to your customers right now, and will you be able to in the future?
- **Managerial capacity** - the management structure of the water system, including but not limited to ownership accountability, staffing and organization, and effective linkages. In simpler terms, do you have a capable and trained staff? Do you have an effective management structure?
- **Financial capacity** - the financial resources of the water system, including but not limited to the revenue sufficiency, credit worthiness, and fiscal controls. Basically, does your system have a budget and enough revenue coming in to cover costs, repairs, and replacements?

If it is determined that your system does NOT have the required capacity, you may still qualify for a DWSRF loan if it is going to be used to ensure that your system will have the necessary capacity. If you have questions while completing the following worksheets, please call our office at (605) 773-3754 , and we will be happy to help.

After DENR receives these worksheets, we will study them and other information located in our files to make a determination whether or not your public water system has the technical, financial, and managerial capacity to be eligible to apply for a DWSRF loan. A final report will be available upon completion of the analysis.

Applicant: City of Onida

Prepared by: Tim Jost, Superintendent

Rondha Hiller, Finance Officer

Joshua Mades, Planner, CSDED

Phone #: (605) 773-2785 (CSDED), (605) 258-2441 (Onida)

Date: 6/27/14

The Technical Portion of your System

Your Water Supply

Please check the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section or question does not apply to your system, please check NA for not applicable.***

Water Supply and Existing Demands	Yes	No	Unknown	NA
Do you know how much water you pump on an average day? Amount: <u>93,500 gallons</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how much water you pump on a peak day? Amount: <u>291,000 gallons</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know the maximum amount of water you can pump from your source? Amount: <u>170 gpm or 244,800</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is your source capacity higher than your peak day demand? Percentage higher or lower: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you meet peak demand without pumping at peak capacity for extended periods? Longest time pumping at peak demand: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you been able to provide adequate volumes of water during drought cycles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you had to restrict usage at any time for any reason? Please specify: <u>Shut commercial users down when tower can't keep up</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have an emergency or supplemental water supply? Please specify: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have an Emergency Response Plan that will allow you to meet system demand during a drought or shortage, such as the loss of the largest source? <i>If yes, please attach.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Demand	Yes	No	Unknown	NA
Do you know whether your system demands will be growing, declining, or remain stable over the next ten years? Please check: <input type="checkbox"/> growing, <input type="checkbox"/> declining, or <input type="checkbox"/> stable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does your source have additional water available for appropriation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have a water right? Water right permit number(s): _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If you have large commercial, industrial, or irrigation users, do you know their long-term plans and understand their needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Purchased Water	Yes	No	Unknown	NA
If you purchase water from another system or a wholesaler, do you know their long-term plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have a contract to purchase water? If yes, with whom? <u>Mid Dakota 170gpm</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you currently staying within your contract?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you knowledgeable about other demands being placed on the same water source that you are using?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Alternative Sources	Yes	No	Unknown	NA
Are alternative water sources possibly available to you?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you knowledgeable of the characteristics and costs of using alternative sources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Water Source	Yes	No	Unknown	NA
Do you know the depth of your well?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Depth				
Do you know the geologic name of the aquifer system from which your water is drawn?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, geologic name: _____				
Are all abandoned water sources properly managed and disconnected to prevent accidental contamination or problems with current water system facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment - Microbiological Contamination

Is your system using surface water or ground water under the influence of surface water? yes no

(If you checked "no", skip to the next section - Ground Water Systems - unless your water system requires treatment other than just disinfection.)

Surface Water Systems

Filtration Plant Condition	Yes	No	Unknown	NA
Is your filter plant in good physical condition (free from spalling concrete, peeling paint)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If constructed more than 20 years ago, have treatment processes been upgraded to meet current standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are repair parts available?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have redundancy (back-ups/automatic switch-overs) for all major mechanical units?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If no, list units you do NOT have redundancy for:	_____			
Can your plant achieve a filtered water turbidity of 0.3 NTU?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have on-line continuous turbidimeters on each filter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have you adopted a turbidity goal lower than the standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, list goal: _____				
Do you have the capability to add coagulant before the filter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Ground Water Systems *Get water from Mid Dakota

Ground Water Under the Influence of Surface Water	Yes	No	Unknown	NA
Is your water free from variations in turbidity and temperature after storm events?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Well Construction and Protection				

Do you know when your well was constructed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
List year: _____				
Is your well(s) constructed according to current South Dakota regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have a source water protection plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is your wellhead finished with a pitless adapter that will prevent contamination from surface water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Disinfection

Do you disinfect? yes no (If "no", skip to the Infrastructure - Pumping section)

Disinfection	Yes	No	Unknown	NA
Do you regularly inspect and maintain your disinfection / chlorination equipment? Type of Equipment: _____ How often? _____ Disinfectant used: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have back-up equipment? Type: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have adequate contact time following disinfection and before the first user in the distribution system (30 minutes for ground water systems)? Contact time: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Can you detect a chlorine residual at taps at the ends of the distribution system? Free Chlorine Residual: 3-3.5 _____ Total Chlorine Residual: _____ (if using chloramines)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Disinfection By-Products

Treatment for the Control of Disinfection By-Products	Yes	No	Unknown	NA
If you treat surface water, are you already practicing or could you adopt "enhanced coagulation" in your current plant?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If you treat surface water, could you still meet current contact-time requirements if disinfection were not allowed before sedimentation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Treatment - Security

Treatment Security	Yes	No	Unknown	NA
Has the system implemented procedures to improve security of its facilities? (i.e. limiting access to sensitive sites, protecting computer and control equipment etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are chemicals used for treatment properly stored and secure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the water system track chemical usage? (i.e. a sudden	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

increase in usage may signal potential contamination or tampering.

Infrastructure - Pumping

Condition of Pumping Equipment	Yes	No	Unknown	NA
Do you routinely inspect for signs of pump or pump motor problems? <i>How often:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Once diagnosed, are problems corrected in a timely enough manner to avoid crisis financing, costly repairs, and unscheduled downtime?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you hire a qualified pump contractor to perform an inspection of all pumping equipment, identify potential problems, and perform maintenance, on an annual basis?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standby/Emergency Power Equipment	Yes	No	Unknown	NA
Is there sufficient standby/emergency power capacity to supply 100% of the average daily demand of the system (excluding fire demand)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any existing standby/emergency power equipment, controls and switches tested or exercised routinely under load conditions, for at least 30 minutes at a time?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has the local electric utility been made aware of the standby/emergency power provisions made by the water system, so that they can reinforce and safeguard the electrical facilities serving the water operations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Infrastructure - Storage

Storage Capacity	Yes	No	Unknown	NA
Does the system have sufficient gravity-flow (non-pumped) or emergency generator-supported pumping capability to ensure adequate distribution storage to provide safe and adequate service for up to 24 hours without power? <i>If no, how long:</i> Winter - 24 hour, Summer - 12 hours	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there reserve capacity in the tank for fire protection support? <i>Amount:</i> _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Measures	Yes	No	Unknown	NA
Are any openings, such as vent pipes, screened to protect against the entrance of small animals, birds, and small insects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are access hatches locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank and the immediate surrounding area fenced?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Systems	Yes	No	Unknown	NA
Is there a high and low water level signal system to control the pumps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is there a drain valve or hydrant to allow for draining of the tank?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank Maintenance				
Is the tank inspected at least every three years by a qualified tank contractor for evidence of corrosion or pitting, leakage, and structural weakness?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank contractor capable of analyzing the coating of paint on the interior and exterior surfaces of the tank to determine if it contains lead or other hazardous materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Infrastructure - Distribution

System Maintenance	Yes	No	Unknown	NA
Do you have an accurate map of your distribution system that indicates main sizes and valve locations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the operator routinely flush, test, and maintain the hydrants in the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How often: At least once per year				
Are the locations of valves in the mains and curb stops on the service lines precisely known?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system keep a log of distribution system breaks to identify weak areas in the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are histories, locations, size, and type of mains and service lines detailed on records in a secure area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all valves exercised and lubricated periodically?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the system free of severe "water hammer" problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are meter pits, pressure regulating valves, altitude valves, blow-offs, and other appurtenances maintained on a regular basis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unaccounted-for Water				
Is unaccounted-for water in the water system monitored and analyzed each month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the unaccounted-for water less than 15 percent of the total water delivered to the mains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
List percentage of unaccounted for water: 19.1 %				
Water Pressure				
Are the normal operating pressures in the distribution system between 25 psi and 125 psi?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Normal operating pressure: 48 psi				
Do you have a routine leak detection and repair program?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all sources of supply and customers metered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the meters calibrated and tested routinely to ensure their accuracy and reliability?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality in Distribution System				
Does your system have an active cross-connection control program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are any inspections for cross-connections performed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program for installing and testing backflow prevention devices where potential contamination is present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to eliminate "dead-ends" in the mains, where feasible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Standards	Yes	No	Unknown	NA
Are the majority of your mains 6 inches in diameter or larger? <i>List percentage:</i> 100% _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to gradually replace sub-standard sized mains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there suitable rights-of-way and easements provided to the water system for expansion, maintenance, and replacement of mains and services?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there sufficient earth cover (six feet) to protect the mains from frost damage or heavy loads, if driven over?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are materials of mains designed and selected to resist corrosion, electrolysis, and deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distribution System Problems	Yes	No	Unknown	NA
Do you receive any complaints regarding water quality (taste, odor, color, etc.)? <i>List number of complaints/year:</i> _____ <i>Most common complaint:</i> Class 1 _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you maintain adequate pressure in the distribution system under all conditions of flow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Management Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Operation & Maintenance

Operations Staff	Yes	No	Unknown	NA
Does the person operating your system have current water treatment plant and water distribution operator certification credentials from DENR? <i>If yes, list classification(s):</i> <u>Class 1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your operator receive additional training on an ongoing basis to keep current on new developments in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Future Operational Demands	Yes	No	Unknown	NA
Does your water system obtain any regular or occasional technical assistance from outside sources, such as DENR, your engineer, other utilities or organizations specifically dedicated to providing technical assistance? <i>If yes, who</i> <u>Rural Water</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Management & Administration

Who's in Charge?	Yes	No	Unknown	NA
Is there a clear plan of organization and control among the people responsible for management and operation of the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have written personnel policies and job descriptions signed by the employees?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the limits of the operator's authority clearly known?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone involved in operations know who is responsible for each area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for scheduling work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	Yes	No	Unknown	NA
Does the system have procedures for handling new and terminated employees (i.e. collecting keys, changing locks and computer passwords)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rules and Standards	Yes	No	Unknown	NA
Do you have explicit rules and standards for system modifications?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have rules governing new hook-ups?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a water main extension policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have standard construction specifications to be followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	Unknown	NA
Do you have measures to assure cross-connection control and backflow prevention?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have policies or rules describing customer rights and responsibilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulatory Compliance Program				
Do you fully understand monitoring requirements and have a scheduling mechanism to assure compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how to obtain clarification or explanation of requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a mechanism to obtain the most recent information on regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you maintain adequate records to document compliance? <i>If yes, for how long?</i> 5 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any violations of the primary drinking water standards in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any monitoring or reporting violations in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know what to do in the event of a violation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergencies				
Do you have an Emergency Response Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a contingency for making emergency interconnections to neighboring systems, and do you know they will work if needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does everyone involved in operations know what they are to do in the event of contamination from a toxic hazardous waste spill in your source water or a main break or a tank failure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a clear chain-of-command protocol for emergency action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for emergency operations, for communications with state regulators, for customer relations, for media relations? <i>If yes, who (title):</i> Tim Jost, Superintendent	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety				
Do you have a safety program defining measures to be taken if someone is injured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the entire staff been properly trained in the location and use of safety equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone understand the risks and safety measures involved in handling water treatment chemicals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have written operating procedures for both routine and emergency system operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you fully aware of Occupational Safety and Health Administration (OSHA) confined space (such as trenches/manholes) regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system work with customers to promote their awareness of security?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system have a communication plan to alert customers of a natural or intentional threat to public health?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Maintenance	Yes	No	Unknown	NA
Do you have a planned maintenance management system -- a system for scheduling routine preventive maintenance (line flushing, pumps, meters, storage tanks, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a system for assuring adequate inventory of essential spare parts and back-up equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have relationships with contractors and equipment vendors to assure prompt priority service?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have records and data management systems for system operating and maintenance data, for regulatory compliance data, and for system management and administration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Management Capability	Yes	No	Unknown	NA
Are you getting the outside services and technical assistance you need? Do you have adequate legal counsel, insurance, engineering advice, technical/operations assistance, rate case preparation, and financial advice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Financial Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Financial Planning Mechanisms	Yes	No	Unknown	NA
Does your system develop and follow an annual budget that is approved by the governing body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the governing body review a monthly summary of revenues and expenses of the utility system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have within the annual budget separate reserve accounts for equipment replacement, capital improvement, depreciation or security upgrades? <i>If so, list accounts:</i> SD Fit (2% tax)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system have reserve funds available in the event of an emergency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a capital budget or capital improvement plan that projects future capital investment needs some distance (at least five years) into the future?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a process for scheduling and committing to capital projects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your planning process take account of all the potential capital needs suggested by your answers to the technical questions in these worksheets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your long-term planning incorporate analysis of alternative strategies that might offer cost saving to customers, such as consolidation with other nearby systems or sharing of operations and management expenses with other nearby systems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rates/Billing - Are they Adequate?	Yes	No	Unknown	NA
Do you regularly review your rates? <i>How often?</i> Yearly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a plan in place for periodic increases in rates?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the rate structure based on metered watered use? <i>List rates per 1000 gallons:</i> See attached (i.e. \$22 minimum plus \$2.50/1000 gallons)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the rate per 1000 gallons change as consumption increases? <i>If so, please describe:</i> See attached	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the rate structure assure proportionality among users?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have procedures for billing and collection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is your billing collection rate greater than 95%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have collection procedures specifically for delinquent accounts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financial Planning Mechanisms - Are they Adequate?	Yes	No	Unknown	NA
Does your system have audited financial statements prepared by a certified public accountant (CPA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water system income exceed operating expenses (including debt service)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water utility support other enterprise funds or the general fund?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system require revenues from other enterprise funds or the general fund for normal operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you employ standardized accounting and tracking systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you track budget performance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you keep records to substantiate depreciation of fixed assets and accounting for reserve funds?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are financial management recordkeeping systems organized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised over expenditures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised to keep from exceeding your budget?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there purchasing procedures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system's governing body review this assessment before returning it to the South Dakota Department of Environment and Natural Resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RESOLUTION 2014-1

WHEREAS: The City of Onida is in need of upgrading its water services and ;

WHEREAS: The State of South Dakota mandates that Cities charge a minimum amount for water services;

NOW THEREFORE BE IT RESOLVED: The City of Onida shall increase water rates by Five dollars (\$5) a month for the first 3000 gallons starting with the May 2014 meter reads. Rates will be as follows:

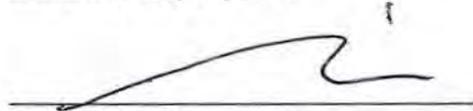
CITY LIMITS

- \$23.50 per month for the first 3000 gallons
- \$ 2.85 per 1000 gallons up to 20,000 gallons
- \$ 2.95 per 1000 gallons 20,001 thereafter

OUTSIDE CITY LIMITS

- \$26.50 per month per hook-up for water outside city limits up to 3000 gallons
- \$ 2.85 per 1000 gallons up to 20,000 gallons
- \$ 2.95 per 1000 gallons 20,001 thereafter

Dated this May 5th, 2014



Gary Wickersham, Mayor



Rondha Hiller, Finance Officer

Published May 15th, 2014 at the total approximate cost of \$

CITY OF ONIDA-RATES

ELECTRICITY

Regular rate .10 cents kwh (minimum \$10.00)
Electric heat/dual fuel .0725 kwh
Demand Charge-0-25 free/25.1 and up \$10.00 per KW

WATER

\$23.50 per month for the first 3000 gallons
\$ 2.85 per 1000 gallons up to 20,000 gallons
\$ 2.95 per 1000 gallons 20,001 thereafter
\$26.50 per month per hook-up for water outside city limits up to 3000 gallons
\$ 2.85 per 1000 gallons up to 20,000 gallons
\$ 2.95 per 1000 gallons 20,001 thereafter

SEWER

Up to 20,000 gallons-\$17.00 / out of city limits \$20.00
20,000 to 100,000 gallons-\$50.00
Over 100,000 gallons-\$100.00

LANDFILL

Residential rate \$16.00
Commercial rate \$23.00
Small Dumpster \$36.00
Large Dumpster \$54.00

Out of City rates:
Residential rate \$18.55
Small Dumpster \$42.00
Large Dumpster \$59.50

Use of landfill:
Pick-up load \$50.00
Truck load \$100.00

Shingles: \$26.00 a ton (.13 per pound)

SEWER TAPPING FEE \$50.00

WATER TAPPING FEE \$100.00
\$150.00 an hour to repair streets

TEMPORARY WATER METERS-\$25.00 FEE FOR HOOK-UP AND REMOVA

Financial Spreadsheet

Applicant: City of Onida

Completed by: Rondha Hiller and Joshua Mades

Date: 6/27/14

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
Enter Year:	2013	2014 Budget	2015	2016	2017
1. Beginning Cash on Hand	\$165,968	\$160,552	\$157,732	\$274,627	\$296,304
2. Cash Receipts:					
a. Unmetered Water Revenue					
b. Metered Water Revenue	\$140,605	\$131,000	\$142,452	\$147,370	\$147,000
c. Other Water Revenue	\$1,147	\$1,000	\$1,010	\$1,020	\$1,030
d. Total Water Revenues (2a through 2c)	\$141,752	\$132,000	\$143,462	\$148,390	\$148,030
e. Connection Fees					
f. Interest and Dividend Income					
g. Other Income Surcharge Fee			\$132,379	\$132,379	\$132,379
h. Total Cash Revenues (2d through 2g)	\$141,752	\$132,000	\$275,841	\$280,769	\$280,409
i. Transfers in/Additional Rev Needed Transfer from local sales tax			\$500,000		
j. Loans, Grants or other Cash Please specify DWSRF Funds			\$1,805,000		
3. Total Cash Receipts (2h through 2j)	\$141,752	\$132,000	\$2,580,841	\$280,769	\$280,409
4. Total Cash Available (1+3)	\$307,720	\$292,552	\$2,738,573	\$555,396	\$576,713
5. Operating Expenses					
a. Salaries and wages	\$16,983	\$20,500	\$21,115	\$21,748	\$22,401
b. Employee Pensions and Benefits	\$8,170	\$9,170	\$9,445	\$9,540	\$9,635
c. Purchased Water	\$86,337	\$87,550	\$88,426	\$89,310	\$90,203
d. Purchased Power	\$3,229	\$3,000	\$3,090	\$3,121	\$3,152
e. Fuel for Power Production					
f. Chemicals					
g. Materials and Supplies	\$5,791	\$7,000	\$7,070	\$7,141	\$7,212
h. Engineering Services	\$24,496	\$3,000	\$3,090	\$3,121	\$3,152
i. Contractual Services - Other					
j. Equip. Rent/Real Property					
k. Transportation Expenses	\$100	\$300	\$309	\$318	\$328
l. Laboratory					
m. Insurance	\$981	\$1,400	\$1,414	\$1,428	\$1,442
n. Regulatory Commission Expenses					
o. Advertising	\$59	\$200	\$206	\$212	\$219
p. Miscellaneous (Dues, repair work)	\$1,021	\$2,700	\$2,781	\$2,809	\$2,837
q. Total Cash O&M Expenses (5a through 5p)	\$147,169	\$134,820	\$136,946	\$138,748	\$140,581
r. Replacement Expenditures			\$2,305,000		
s. Total OM&R Expenditures (5q+5r)	\$147,169	\$134,820	\$2,441,946	\$138,748	\$140,581
t. Loan Principal/Capital Lease Payments				\$66,943	\$68,974
u. Loan Interest Payments				\$53,402	\$51,371
v. Transfers Out					
w. Capital Purchases (specify):					
x. Other					
6. Total Cash Paid Out (5s through 5x)	\$147,169	\$134,820	\$2,441,946	\$259,092	\$260,926
7. Ending Cash Position (4 - 6)	\$160,552	\$157,732	\$296,627	\$296,304	\$315,787

*2014 budget does not take into account the \$5 water rate increase that took effect in May.

Financial Spreadsheet

Applicant: City of Onida

Completed by: Rondha Hiller and Joshua Mades

Date: 6/27/14

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
8. Number of Customer Accounts	442	387	387	387	387
9. Avg Annual User Charge Account (2d/8)	\$321	\$341	\$371	\$383	\$383
10. Coverage Ratio (2h-5s)/(5t+5u)	0.0	0.0	0.0	1.2	1.2
11. Operating Ratio (2d/5s)	1.0	1.0	0.1	1.1	1.1
12. Additions to Reserve Funds for the Year:					
a. Debt Service Reserve	\$0	\$0	\$0	\$0	\$0
b. Bond Retirement Reserve			\$12,000		
c. Capital Improvement Reserve			\$10,000		
d. Replacement Reserve					
e. Other					
13. Total Reserves (12a through 12e)	\$0	\$0	\$22,000	\$0	\$0
14. Year End Operating Cash (7 - 13)	\$160,552	\$157,732	\$274,627	\$296,304	\$315,787

*Surcharge would be based on a \$1,805,000 at 3% for 20 years.

Loan Amortization Calculator

Almost any data field on this form may be calculated. Enter the appropriate numbers in each slot, leaving blank (or zero) the value that you wish to determine, and then click "Calculate" to update the page.

Principal

1805000.00

Payments per Year

4

Annual Interest Rate

3.0000

Number of Regular Payments

80

Balloon Payment

Payment Amount

30086.12

 Show Amortization Schedule

This loan calculator is written and maintained by Bret Whissel.
See [Bret's Blog](#) for help, a spreadsheet, derivations, calculator news, and more information.

If no grants or loan forgiveness received.

$$120,344.48 \times 10\% = 12,034.44$$

$$132,378.92 \div 12 \text{ mo} = 11,031.58 \div 387 \text{ weeks} = 28.50 \text{ /mon Sunday}$$

Summary

Principal borrowed:	\$1,805,000.00	Annual Payments:	4
Regular Payment amount:	\$30,086.12	Total Payments:	80 (20.00 years)
Final Balloon Payment:	\$0.00	Annual interest rate:	3.00%
Interest-only payment:	\$13,537.50	Periodic interest rate:	0.7500%
*Total Repaid:	\$2,406,889.60	Debt Service Constant:	6.6673%
*Total Interest Paid:	\$601,889.60	*Total interest paid as a percentage of Principal:	33.346%

**These results are estimates which do not account for accumulated error of payments being rounded to the nearest cent. See the amortization schedule for more accurate values.*

Pmt	Principal	Interest	Cum Prin	Cum Int	Prin Bal
1	16,548.62	13,537.50	16,548.62	13,537.50	1,788,451.38
2	16,672.73	13,413.39	33,221.35	26,950.89	1,771,778.65
3	16,797.78	13,288.34	50,019.13	40,239.23	1,754,980.87
4	16,923.76	13,162.36	66,942.89	53,401.59	1,738,057.11
5	17,050.69	13,035.43	83,993.58	66,437.02	1,721,006.42
6	17,178.57	12,907.55	101,172.15	79,344.57	1,703,827.85
7	17,307.41	12,778.71	118,479.56	92,123.28	1,686,520.44
8	17,437.22	12,648.90	135,916.78	104,772.18	1,669,083.22
9	17,568.00	12,518.12	153,484.78	117,290.30	1,651,515.22
10	17,699.76	12,386.36	171,184.54	129,676.66	1,633,815.46
11	17,832.50	12,253.62	189,017.04	141,930.28	1,615,982.96
12	17,966.25	12,119.87	206,983.29	154,050.15	1,598,016.71
13	18,100.99	11,985.13	225,084.28	166,035.28	1,579,915.72
14	18,236.75	11,849.37	243,321.03	177,884.65	1,561,678.97
15	18,373.53	11,712.59	261,694.56	189,597.24	1,543,305.44
16	18,511.33	11,574.79	280,205.89	201,172.03	1,524,794.11
17	18,650.16	11,435.96	298,856.05	212,607.99	1,506,143.95
18	18,790.04	11,296.08	317,646.09	223,904.07	1,487,353.91
19	18,930.97	11,155.15	336,577.06	235,059.22	1,468,422.94
20	19,072.95	11,013.17	355,650.01	246,072.39	1,449,349.99
21	19,216.00	10,870.12	374,866.01	256,942.51	1,430,133.99
22	19,360.12	10,726.00	394,226.13	267,668.51	1,410,773.87
23	19,505.32	10,580.80	413,731.45	278,249.31	1,391,268.55
24	19,651.61	10,434.51	433,383.06	288,683.82	1,371,616.94
25	19,798.99	10,287.13	453,182.05	298,970.95	1,351,817.95
26	19,947.49	10,138.63	473,129.54	309,109.58	1,331,870.46
27	20,097.09	9,989.03	493,226.63	319,098.61	1,311,773.37
28	20,247.82	9,838.30	513,474.45	328,936.91	1,291,525.55
29	20,399.68	9,686.44	533,874.13	338,623.35	1,271,125.87
30	20,552.68	9,533.44	554,426.81	348,156.79	1,250,573.19
31	20,706.82	9,379.30	575,133.63	357,536.09	1,229,866.37
32	20,862.12	9,224.00	595,995.75	366,760.09	1,209,004.25
33	21,018.59	9,067.53	617,014.34	375,827.62	1,187,985.66
34	21,176.23	8,909.89	638,190.57	384,737.51	1,166,809.43
35	21,335.05	8,751.07	659,525.62	393,488.58	1,145,474.38
36	21,495.06	8,591.06	681,020.68	402,079.64	1,123,979.32
37	21,656.28	8,429.84	702,676.96	410,509.48	1,102,323.04
38	21,818.70	8,267.42	724,495.66	418,776.90	1,080,504.34
39	21,982.34	8,103.78	746,478.00	426,880.68	1,058,522.00
40	22,147.21	7,938.91	768,625.21	434,819.59	1,036,374.79
41	22,313.31	7,772.81	790,938.52	442,592.40	1,014,061.48
42	22,480.66	7,605.46	813,419.18	450,197.86	991,580.82
43	22,649.26	7,436.86	836,068.44	457,634.72	968,931.56
44	22,819.13	7,266.99	858,887.57	464,901.71	946,112.43
45	22,990.28	7,095.84	881,877.85	471,997.55	923,122.15
46	23,162.70	6,923.42	905,040.55	478,920.97	899,959.45
47	23,336.42	6,749.70	928,376.97	485,670.67	876,623.03
48	23,511.45	6,574.67	951,888.42	492,245.34	853,111.58

Pmt	Principal	Interest	Cum Prin	Cum Int	Prin Bal
49	23,687.78	6,398.34	975,576.20	498,643.68	829,423.80
50	23,865.44	6,220.68	999,441.64	504,864.36	805,558.36
51	24,044.43	6,041.69	1,023,486.07	510,906.05	781,513.93
52	24,224.77	5,861.35	1,047,710.84	516,767.40	757,289.16
53	24,406.45	5,679.67	1,072,117.29	522,447.07	732,882.71
54	24,589.50	5,496.62	1,096,706.79	527,943.69	708,293.21
55	24,773.92	5,312.20	1,121,480.71	533,255.89	683,519.29
56	24,959.73	5,126.39	1,146,440.44	538,382.28	658,559.56
57	25,146.92	4,939.20	1,171,587.36	543,321.48	633,412.64
58	25,335.53	4,750.59	1,196,922.89	548,072.07	608,077.11
59	25,525.54	4,560.58	1,222,448.43	552,632.65	582,551.57
60	25,716.98	4,369.14	1,248,165.41	557,001.79	556,834.59
61	25,909.86	4,176.26	1,274,075.27	561,178.05	530,924.73
62	26,104.18	3,981.94	1,300,179.45	565,159.99	504,820.55
63	26,299.97	3,786.15	1,326,479.42	568,946.14	478,520.58
64	26,497.22	3,588.90	1,352,976.64	572,535.04	452,023.36
65	26,695.94	3,390.18	1,379,672.58	575,925.22	425,327.42
66	26,896.16	3,189.96	1,406,568.74	579,115.18	398,431.26
67	27,097.89	2,988.23	1,433,666.63	582,103.41	371,333.37
68	27,301.12	2,785.00	1,460,967.75	584,888.41	344,032.25
69	27,505.88	2,580.24	1,488,473.63	587,468.65	316,526.37
70	27,712.17	2,373.95	1,516,185.80	589,842.60	288,814.20
71	27,920.01	2,166.11	1,544,105.81	592,008.71	260,894.19
72	28,129.41	1,956.71	1,572,235.22	593,965.42	232,764.78
73	28,340.38	1,745.74	1,600,575.60	595,711.16	204,424.40
74	28,552.94	1,533.18	1,629,128.54	597,244.34	175,871.46
75	28,767.08	1,319.04	1,657,895.62	598,563.38	147,104.38
76	28,982.84	1,103.28	1,686,878.46	599,666.66	118,121.54
77	29,200.21	885.91	1,716,078.67	600,552.57	88,921.33
78	29,419.21	666.91	1,745,497.88	601,219.48	59,502.12
79	29,639.85	446.27	1,775,137.73	601,665.75	29,862.27
80	*29,862.27	223.97	1,805,000.00	601,889.72	0.00

*The final payment has been adjusted to account for payments having been rounded to the nearest cent.

CITY OF ONIDA
***Revenue Guideline**

Current Period: CLOSING 2012

Account Descr	2012 YTD Budget	CLOSING 2012 Amt	2012 YTD Amt	YTD Balance	% of YTD Budget
R 101-36300-36330 PRINCIPAL COL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36300-36340 INT AND PENAL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36900-36900 OTHER MISCEL	\$0.00	\$0.00	\$21,658.00	-\$21,658.00	0.00%
R 101-36900-36930 RECOVERY OF	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36900-36940 DIVIDEND INCO	\$1,700.00	\$0.00	\$0.00	\$1,700.00	0.00%
R 101-39100-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-39100-39130 SALE OF GENE	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 101 GENERAL FUND	\$410,343.00	\$0.00	\$459,015.60	-\$48,672.60	111.86%
FUND 602 WATER FUND					
R 602-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-36000-36800 UTILITY PENALT	\$1,000.00	\$0.00	\$0.00	\$1,000.00	0.00%
R 602-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36800 UTILITY PENALT	\$0.00	\$0.00	\$1,077.05	-\$1,077.05	0.00%
R 602-38100-38100 WATER REVEN	\$0.00	\$0.00	\$51.00	-\$51.00	0.00%
R 602-38100-38110 METERED AND	\$130,085.00	\$9.87	\$151,188.44	-\$21,103.44	116.22%
R 602-38100-38120 BULK WATER S	\$50.00	\$0.00	\$59.50	-\$9.50	119.00%
R 602-38100-38190 OTHER WATER	\$0.00	\$0.00	\$100.00	-\$100.00	0.00%
FUND 602 WATER FUND	\$131,135.00	\$9.87	\$152,475.99	-\$21,340.99	116.27%
FUND 603 ELECTRIC FUND					
R 603-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$50.91	-\$50.91	0.00%
R 603-36000-36800 UTILITY PENALT	\$0.00	\$0.00	\$19.59	-\$19.59	0.00%
R 603-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-38200-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-38200-36800 UTILITY PENALT	\$3,100.00	\$0.00	\$6,068.99	-\$2,968.99	195.77%
R 603-38200-38140 FIXED CHARGE	\$38,000.00	\$0.00	\$38,307.33	-\$307.33	100.81%
R 603-38200-38210 METERED SALE	\$616,000.00	-\$874.17	\$610,344.07	\$5,655.93	99.08%
R 603-38200-38220 DUAL FUEL	\$13,900.00	\$0.00	\$11,950.18	\$1,949.82	85.97%
R 603-38200-38230 METERED SALE	\$53,500.00	\$0.00	\$66,417.93	-\$12,917.93	124.15%
R 603-38200-38231 SUBHEAT ELEC	\$40,000.00	\$0.00	\$65,451.38	-\$25,451.38	163.63%
R 603-38200-38290 OTHER ELECTR	\$0.00	\$0.00	\$2,131.89	-\$2,131.89	0.00%
FUND 603 ELECTRIC FUND	\$764,500.00	-\$874.17	\$800,742.27	-\$36,242.27	104.74%
FUND 604 SEWER FUND					
R 604-36000-36100 INTEREST EAR	\$500.00	\$0.00	\$52.02	\$447.98	10.40%
R 604-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-36800 UTILITY PENALT	\$400.00	\$0.00	\$694.82	-\$294.82	173.71%
R 604-38300-38310 SEWER CHARG	\$51,800.00	\$0.00	\$75,558.02	-\$23,758.02	145.86%
R 604-38300-38330 SALE OF SUPPL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-38390 OTHER SEWER	\$0.00	\$0.00	\$678.08	-\$678.08	0.00%
R 604-38300-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 604 SEWER FUND	\$52,700.00	\$0.00	\$76,982.94	-\$24,282.94	146.08%
FUND 606 AIRPORT FUND					
R 606-33200-33100 FEDERAL GRAN	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 606-36000-36100 INTEREST EAR	\$150.00	\$0.00	\$24.51	\$125.49	16.34%
R 606-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%

CITY OF ONIDA
***Expenditure Guideline**

06/19/14 2:59 PM

Page 3

Current Period: CLOSING 2012

Account Descr	2012 YTD Budget	CLOSING 2012 Amt	2012 YTD Amt	Enc Current	2012 YTD Budget	% of YTD Budget
E 101-45200-43400 MACHINERY AN	\$10,000.00	\$0.00	\$33.08	\$0.00	\$9,966.92	0.33%
E 101-46500-42900 OTHER CURRE	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	100.00%
E 101-49900-42626 OFF-SALE BEER	\$400.00	\$0.00	\$500.00	\$0.00	-\$100.00	125.00%
FUND 101 GENERAL FUND	\$548,529.00	\$0.00	\$384,504.21	\$0.00	\$164,024.79	70.10%
FUND 602 WATER FUND						
E 602-43300-41100 SALARIES AND	\$16,000.00	\$0.00	\$20,247.72	\$0.00	-\$4,247.72	126.55%
E 602-43300-41200 FICA	\$1,300.00	\$0.00	\$1,102.01	\$0.00	\$197.99	84.77%
E 602-43300-41300 RETIREMENT	\$960.00	\$0.00	\$1,141.56	\$0.00	-\$181.56	118.91%
E 602-43300-41400 WORKMEN S C	\$700.00	\$0.00	\$547.49	\$0.00	\$152.51	78.21%
E 602-43300-41500 GROUP INSURA	\$2,350.00	\$0.00	\$2,231.58	\$0.00	\$118.42	94.96%
E 602-43300-42100 INSURANCE	\$1,400.00	\$0.00	\$1,288.00	\$0.00	\$112.00	92.00%
E 602-43300-42200 PROFESSIONAL	\$3,000.00	\$0.00	\$1,081.13	\$0.00	\$1,918.87	36.04%
E 602-43300-42300 PUBLISHING	\$200.00	\$0.00	\$179.14	\$0.00	\$20.86	89.57%
E 602-43300-42500 REPAIRS AND M	\$8,000.00	\$0.00	\$298.47	\$0.00	\$7,701.53	3.73%
E 602-43300-42600 SUPPLIES AND	\$7,500.00	\$0.00	\$6,742.61	\$0.00	\$757.39	89.90%
E 602-43300-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 602-43300-42700 TRAVEL AND C	\$300.00	\$0.00	\$0.00	\$0.00	\$300.00	0.00%
E 602-43300-42710 DUES	\$1,425.00	\$0.00	\$2,194.00	\$0.00	-\$769.00	153.96%
E 602-43300-42800 UTILITIES	\$3,000.00	\$0.00	\$2,115.90	\$0.00	\$884.10	70.53%
E 602-43300-43310 SOURCE OF SU	\$85,000.00	\$0.00	\$88,762.42	\$0.00	-\$3,762.42	104.43%
FUND 602 WATER FUND	\$131,135.00	\$0.00	\$127,932.03	\$0.00	\$3,202.97	97.56%
FUND 603 ELECTRIC FUND						
E 603-43400-41100 SALARIES AND	\$16,480.00	\$0.00	\$13,647.66	\$0.00	\$2,832.34	82.81%
E 603-43400-41200 FICA	\$1,261.00	\$0.00	\$721.68	\$0.00	\$539.32	57.23%
E 603-43400-41300 RETIREMENT	\$1,000.00	\$0.00	\$745.42	\$0.00	\$254.58	74.54%
E 603-43400-41400 WORKMEN S C	\$700.00	\$0.00	\$547.49	\$0.00	\$152.51	78.21%
E 603-43400-41500 GROUP INSURA	\$3,200.00	\$0.00	\$3,674.55	\$0.00	-\$474.55	114.83%
E 603-43400-42100 INSURANCE	\$1,500.00	\$0.00	\$1,216.00	\$0.00	\$284.00	81.07%
E 603-43400-42200 PROFESSIONAL	\$5,000.00	\$0.00	\$5,203.84	\$0.00	-\$203.84	104.08%
E 603-43400-42500 REPAIRS AND M	\$60,000.00	\$0.00	\$82,216.26	\$0.00	-\$22,216.26	137.03%
E 603-43400-42600 SUPPLIES AND	\$50,000.00	\$0.00	\$69,671.20	\$0.00	-\$19,671.20	139.34%
E 603-43400-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42630 COMP SUPPLIE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42700 TRAVEL AND C	\$250.00	\$0.00	\$0.00	\$0.00	\$250.00	0.00%
E 603-43400-42710 DUES	\$625.00	\$0.00	\$621.00	\$0.00	\$4.00	99.36%
E 603-43400-42800 UTILITIES	\$700.00	\$0.00	\$638.83	\$0.00	\$61.17	91.26%
E 603-43400-42900 OTHER CURRE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42910 METER DEPOSI	\$1,500.00	\$0.00	\$2,450.00	\$0.00	-\$950.00	163.33%
E 603-43400-45100 ELECTRIC POW	\$500,000.00	\$0.00	\$658,144.63	\$0.00	-\$158,144.63	131.63%
E 603-43400-45700 DEPRECIATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-51100 TRANSFER OUT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 603 ELECTRIC FUND	\$642,216.00	\$0.00	\$839,498.56	\$0.00	-\$197,282.56	130.72%
FUND 604 SEWER FUND						
E 604-43200-41100 SALARIES AND	\$7,000.00	\$0.00	\$6,492.95	\$0.00	\$507.05	92.76%
E 604-43200-41200 FICA	\$550.00	\$0.00	\$359.58	\$0.00	\$190.42	65.38%
E 604-43200-41300 RETIREMENT	\$420.00	\$0.00	\$365.77	\$0.00	\$54.23	87.09%
E 604-43200-41400 WORKMEN S C	\$700.00	\$0.00	\$547.49	\$0.00	\$152.51	78.21%

CITY OF ONIDA
***Revenue Guideline**

Current Period: CLOSING 2013

Account Descr	2013 YTD Budget	CLOSING 2013 Amt	2013 YTD Amt	YTD Balance	% of YTD Budget
R 101-36300-36330 PRINCIPAL COL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36300-36340 INT AND PENAL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36900-36900 OTHER MISCEL	\$0.00	\$0.00	\$588.60	-\$588.60	0.00%
R 101-36900-36930 RECOVERY OF	\$0.00	\$0.00	\$305.00	-\$305.00	0.00%
R 101-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-39100-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-39100-39130 SALE OF GENE	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 101 GENERAL FUND	\$445,750.00	\$0.00	\$514,573.69	-\$68,823.69	115.44%
FUND 602 WATER FUND					
R 602-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-36000-36800 UTILITY PENALT	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36800 UTILITY PENALT	\$1,000.00	\$0.00	\$1,146.89	-\$146.89	114.69%
R 602-38100-38100 WATER REVEN	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-38110 METERED AND	\$131,000.00	\$0.00	\$137,114.34	-\$6,114.34	104.67%
R 602-38100-38120 BULK WATER S	\$0.00	\$0.00	\$180.00	-\$180.00	0.00%
R 602-38100-38190 OTHER WATER	\$0.00	\$0.00	\$3,311.00	-\$3,311.00	0.00%
FUND 602 WATER FUND	\$132,000.00	\$0.00	\$141,752.23	-\$9,752.23	107.39%
FUND 603 ELECTRIC FUND					
R 603-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$100.00	-\$100.00	0.00%
R 603-36000-36800 UTILITY PENALT	\$0.00	\$0.00	\$130.42	-\$130.42	0.00%
R 603-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$71.33	-\$71.33	0.00%
R 603-38200-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-38200-36800 UTILITY PENALT	\$4,000.00	\$0.00	\$6,327.63	-\$2,327.63	158.19%
R 603-38200-38140 FIXED CHARGE	\$38,000.00	\$0.00	\$37,862.30	\$137.70	99.64%
R 603-38200-38210 METERED SALE	\$620,657.00	\$15.62	\$658,848.62	-\$38,191.62	106.15%
R 603-38200-38220 DUAL FUEL	\$13,900.00	\$0.00	\$15,186.89	-\$1,286.89	109.26%
R 603-38200-38230 METERED SALE	\$56,000.00	\$0.00	\$70,876.48	-\$14,876.48	126.57%
R 603-38200-38231 SUBHEAT ELEC	\$55,000.00	\$0.00	\$70,499.77	-\$15,499.77	128.18%
R 603-38200-38290 OTHER ELECTR	\$0.00	\$0.00	\$525.00	-\$525.00	0.00%
FUND 603 ELECTRIC FUND	\$787,557.00	\$15.62	\$860,428.44	-\$72,871.44	109.25%
FUND 604 SEWER FUND					
R 604-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$92.39	-\$92.39	0.00%
R 604-38300-36800 UTILITY PENALT	\$500.00	\$0.00	\$738.75	-\$238.75	147.75%
R 604-38300-38310 SEWER CHARG	\$73,000.00	\$0.00	\$75,691.26	-\$2,691.26	103.69%
R 604-38300-38330 SALE OF SUPPL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-38390 OTHER SEWER	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 604 SEWER FUND	\$73,500.00	\$0.00	\$76,522.40	-\$3,022.40	104.11%
FUND 606 AIRPORT FUND					
R 606-33200-33100 FEDERAL GRAN	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 606-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 606-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%

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CITY OF ONIDA

*Expenditure Guideline

Current Period: CLOSING 2013

Account Descr	2013 YTD Budget	CLOSING 2013 Amt	2013 YTD Amt	Enc Current	2013 YTD Budget	% of YTD Budget
E 101-45200-43400 MACHINERY AN	\$10,000.00	\$0.00	\$1,471.22	\$0.00	\$8,528.78	14.71%
E 101-46500-42900 OTHER CURRE	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	100.00%
E 101-49900-42626 OFF-SALE BEER	\$500.00	\$0.00	\$400.00	\$0.00	\$100.00	80.00%
FUND 101 GENERAL FUND	\$422,647.00	\$0.00	\$370,616.86	\$0.00	\$52,030.14	87.69%
FUND 602 WATER FUND						
E 602-43300-41100 SALARIES AND	\$20,500.00	\$0.00	\$16,982.83	\$0.00	\$3,517.17	82.84%
E 602-43300-41200 FICA	\$1,570.00	\$0.00	\$1,277.01	\$0.00	\$292.99	81.34%
E 602-43300-41300 RETIREMENT	\$1,230.00	\$0.00	\$1,032.57	\$0.00	\$197.43	83.95%
E 602-43300-41400 WORKMEN S C	\$700.00	\$0.00	\$782.86	\$0.00	-\$82.86	111.84%
E 602-43300-41500 GROUP INSURA	\$7,236.00	\$0.00	\$5,077.97	\$0.00	\$2,158.03	70.18%
E 602-43300-42100 INSURANCE	\$1,400.00	\$0.00	\$981.00	\$0.00	\$419.00	70.07%
E 602-43300-42200 PROFESSIONAL	\$3,000.00	\$0.00	\$24,496.20	\$0.00	-\$21,496.20	816.54%
E 602-43300-42300 PUBLISHING	\$200.00	\$0.00	\$59.46	\$0.00	\$140.54	29.73%
E 602-43300-42500 REPAIRS AND M	\$8,000.00	\$0.00	\$341.35	\$0.00	\$7,658.65	4.27%
E 602-43300-42600 SUPPLIES AND	\$7,500.00	\$0.00	\$5,790.96	\$0.00	\$1,709.04	77.21%
E 602-43300-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 602-43300-42700 TRAVEL AND C	\$300.00	\$0.00	\$100.00	\$0.00	\$200.00	33.33%
E 602-43300-42710 DUES	\$1,450.00	\$0.00	\$680.00	\$0.00	\$770.00	46.90%
E 602-43300-42800 UTILITIES	\$3,000.00	\$0.00	\$3,229.36	\$0.00	-\$229.36	107.65%
E 602-43300-43310 SOURCE OF SU	\$87,550.00	\$0.00	\$86,337.01	\$0.00	\$1,212.99	98.61%
FUND 602 WATER FUND	\$143,636.00	\$0.00	\$147,168.58	\$0.00	-\$3,532.58	102.46%
FUND 603 ELECTRIC FUND						
E 603-43400-41100 SALARIES AND	\$12,000.00	\$0.00	\$17,916.14	\$0.00	-\$5,916.14	149.30%
E 603-43400-41200 FICA	\$918.00	\$0.00	\$1,073.10	\$0.00	-\$155.10	116.90%
E 603-43400-41300 RETIREMENT	\$720.00	\$0.00	\$868.94	\$0.00	-\$148.94	120.69%
E 603-43400-41400 WORKMEN S C	\$750.00	\$0.00	\$782.87	\$0.00	-\$32.87	104.38%
E 603-43400-41500 GROUP INSURA	\$7,248.00	\$0.00	\$3,792.01	\$0.00	\$3,455.99	52.32%
E 603-43400-42100 INSURANCE	\$1,500.00	\$0.00	\$207.00	\$0.00	\$1,293.00	13.80%
E 603-43400-42200 PROFESSIONAL	\$10,000.00	\$0.00	\$5,371.29	\$0.00	\$4,628.71	53.71%
E 603-43400-42500 REPAIRS AND M	\$70,000.00	\$0.00	\$32,200.32	\$0.00	\$37,799.68	46.00%
E 603-43400-42600 SUPPLIES AND	\$70,000.00	\$0.00	\$16,817.04	\$0.00	\$53,182.96	24.02%
E 603-43400-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42630 COMP SUPPLIE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42700 TRAVEL AND C	\$250.00	\$0.00	\$0.00	\$0.00	\$250.00	0.00%
E 603-43400-42710 DUES	\$625.00	\$0.00	\$596.00	\$0.00	\$29.00	95.36%
E 603-43400-42800 UTILITIES	\$700.00	\$0.00	\$458.96	\$0.00	\$241.04	65.57%
E 603-43400-42900 OTHER CURRE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42910 METER DEPOSI	\$1,500.00	\$0.00	\$2,108.33	\$0.00	-\$608.33	140.56%
E 603-43400-45100 ELECTRIC POW	\$660,000.00	\$0.00	\$710,174.29	\$0.00	-\$50,174.29	107.60%
E 603-43400-45700 DEPRECIATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-51100 TRANSFER OUT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 603 ELECTRIC FUND	\$836,211.00	\$0.00	\$792,366.29	\$0.00	\$43,844.71	94.76%
FUND 604 SEWER FUND						
E 604-43200-41100 SALARIES AND	\$7,100.00	\$0.00	\$6,100.79	\$0.00	\$999.21	85.93%
E 604-43200-41200 FICA	\$550.00	\$0.00	\$454.97	\$0.00	\$95.03	82.72%
E 604-43200-41300 RETIREMENT	\$430.00	\$0.00	\$361.48	\$0.00	\$68.52	84.07%
E 604-43200-41400 WORKMEN S C	\$700.00	\$0.00	\$782.87	\$0.00	-\$82.87	111.84%

CITY OF ONIDA
***Revenue Guideline**

Current Period: JUNE 2014

Account Descr	2014 YTD Budget	JUNE 2014 Amt	2014 YTD Amt	YTD Balance	% of YTD Budget
R 101-36300-36330 PRINCIPAL COL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36300-36340 INT AND PENAL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36900-36900 OTHER MISCEL	\$0.00	\$0.00	\$100.00	-\$100.00	0.00%
R 101-36900-36930 RECOVERY OF	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-39100-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 101-39100-39130 SALE OF GENE	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 101 GENERAL FUND	\$439,580.00	\$8,293.91	\$231,262.29	\$208,317.71	52.61%
FUND 602 WATER FUND					
R 602-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-36000-36800 UTILITY PENALT	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-36800 UTILITY PENALT	\$1,000.00	\$37.28	\$631.69	\$368.31	63.17%
R 602-38100-38100 WATER REVEN	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 602-38100-38110 METERED AND	\$131,000.00	\$11,824.02	\$58,777.09	\$72,222.91	44.87%
R 602-38100-38120 BULK WATER S	\$0.00	\$0.00	\$41.50	-\$41.50	0.00%
R 602-38100-38190 OTHER WATER	\$0.00	\$0.00	\$10,000.00	-\$10,000.00	0.00%
FUND 602 WATER FUND	\$132,000.00	\$11,861.30	\$69,450.28	\$62,549.72	52.61%
FUND 603 ELECTRIC FUND					
R 603-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-36000-36800 UTILITY PENALT	\$0.00	\$7.17	\$223.64	-\$223.64	0.00%
R 603-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-38200-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 603-38200-36800 UTILITY PENALT	\$5,000.00	\$203.93	\$2,562.06	\$2,437.94	51.24%
R 603-38200-38140 FIXED CHARGE	\$38,000.00	\$2,948.76	\$18,813.13	\$19,186.87	49.51%
R 603-38200-38210 METERED SALE	\$620,000.00	\$62,947.88	\$395,267.63	\$224,732.37	63.75%
R 603-38200-38220 DUAL FUEL	\$13,900.00	\$79.03	\$12,816.74	\$1,083.26	92.21%
R 603-38200-38230 METERED SALE	\$56,000.00	\$6,230.00	\$36,274.76	\$19,725.24	64.78%
R 603-38200-38231 SUBHEAT ELEC	\$55,000.00	\$480.83	\$48,373.12	\$6,626.88	87.95%
R 603-38200-38290 OTHER ELECTR	\$0.00	\$0.00	\$1,412.86	-\$1,412.86	0.00%
FUND 603 ELECTRIC FUND	\$787,900.00	\$72,897.60	\$515,743.94	\$272,156.06	65.46%
FUND 604 SEWER FUND					
R 604-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-36800 UTILITY PENALT	\$600.00	\$23.90	\$352.87	\$247.13	58.81%
R 604-38300-38310 SEWER CHARG	\$73,000.00	\$5,752.55	\$37,292.85	\$35,707.15	51.09%
R 604-38300-38330 SALE OF SUPPL	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-38390 OTHER SEWER	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 604-38300-39110 OPERATING TR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 604 SEWER FUND	\$73,600.00	\$5,776.45	\$37,645.72	\$35,954.28	51.15%
FUND 606 AIRPORT FUND					
R 606-33200-33100 FEDERAL GRAN	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 606-36000-36100 INTEREST EAR	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
R 606-36900-36940 DIVIDEND INCO	\$0.00	\$0.00	\$0.00	\$0.00	0.00%

CITY OF ONIDA
***Expenditure Guideline**

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Current Period: JUNE 2014

Account Descr	2014 YTD Budget	JUNE 2014 Amt	2014 YTD Amt	Enc Current	2014 YTD Budget	% of YTD Budget
E 101-45200-43400 MACHINERY AN	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	0.00%
E 101-46500-42900 OTHER CURRE	\$1,500.00	\$0.00	\$0.00	\$0.00	\$1,500.00	0.00%
E 101-49900-42626 OFF-SALE BEER	\$500.00	\$400.00	\$400.00	\$0.00	\$100.00	80.00%
FUND 101 GENERAL FUND	\$430,023.00	\$31,432.37	\$149,630.83	\$0.00	\$280,392.17	34.80%
FUND 602 WATER FUND						
E 602-43300-41100 SALARIES AND	\$20,500.00	\$1,238.07	\$7,887.36	\$0.00	\$12,612.64	38.47%
E 602-43300-41200 FICA	\$1,570.00	\$79.75	\$645.06	\$0.00	\$924.94	41.09%
E 602-43300-41300 RETIREMENT	\$1,230.00	\$62.58	\$506.04	\$0.00	\$723.96	41.14%
E 602-43300-41400 WORKMEN S C	\$700.00	\$0.00	\$18.17	\$0.00	\$681.83	2.60%
E 602-43300-41500 GROUP INSURA	\$5,670.00	\$0.00	\$1,832.58	\$0.00	\$3,837.42	32.32%
E 602-43300-42100 INSURANCE	\$1,400.00	\$0.00	\$0.00	\$0.00	\$1,400.00	0.00%
E 602-43300-42200 PROFESSIONAL	\$3,000.00	\$293.00	\$10,537.25	\$0.00	-\$7,537.25	351.24%
E 602-43300-42300 PUBLISHING	\$200.00	\$0.00	\$246.54	\$0.00	-\$46.54	123.27%
E 602-43300-42500 REPAIRS AND M	\$500.00	\$0.00	\$0.00	\$0.00	\$500.00	0.00%
E 602-43300-42600 SUPPLIES AND	\$7,000.00	\$1,135.63	\$1,973.38	\$0.00	\$5,026.62	28.19%
E 602-43300-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 602-43300-42700 TRAVEL AND C	\$300.00	\$0.00	\$0.00	\$0.00	\$300.00	0.00%
E 602-43300-42710 DUES	\$2,200.00	\$0.00	\$408.00	\$0.00	\$1,792.00	18.55%
E 602-43300-42800 UTILITIES	\$3,000.00	\$44.06	\$1,804.76	\$0.00	\$1,195.24	60.16%
E 602-43300-43310 SOURCE OF SU	\$87,550.00	\$7,153.80	\$41,796.45	\$0.00	\$45,753.55	47.74%
FUND 602 WATER FUND	\$134,820.00	\$10,006.89	\$67,655.59	\$0.00	\$67,164.41	50.18%
FUND 603 ELECTRIC FUND						
E 603-43400-41100 SALARIES AND	\$16,414.00	\$1,475.71	\$7,680.56	\$0.00	\$8,733.44	46.79%
E 603-43400-41200 FICA	\$1,256.00	\$80.64	\$590.15	\$0.00	\$665.85	46.99%
E 603-43400-41300 RETIREMENT	\$985.00	\$63.27	\$462.83	\$0.00	\$522.17	46.99%
E 603-43400-41400 WORKMEN S C	\$750.00	\$0.00	\$18.17	\$0.00	\$731.83	2.42%
E 603-43400-41500 GROUP INSURA	\$4,260.00	\$0.00	\$1,601.70	\$0.00	\$2,658.30	37.60%
E 603-43400-42100 INSURANCE	\$1,500.00	\$0.00	\$0.00	\$0.00	\$1,500.00	0.00%
E 603-43400-42200 PROFESSIONAL	\$10,000.00	\$6,799.17	\$10,205.55	\$0.00	-\$205.55	102.06%
E 603-43400-42500 REPAIRS AND M	\$70,000.00	\$2,397.96	\$14,107.17	\$0.00	\$55,892.83	20.15%
E 603-43400-42600 SUPPLIES AND	\$70,000.00	\$5,578.86	\$5,844.97	\$0.00	\$64,155.03	8.35%
E 603-43400-42610 GAS & OIL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42630 COMP SUPPLIE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42700 TRAVEL AND C	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42710 DUES	\$625.00	\$0.00	\$0.00	\$0.00	\$625.00	0.00%
E 603-43400-42800 UTILITIES	\$700.00	\$44.32	\$220.83	\$0.00	\$479.17	31.55%
E 603-43400-42900 OTHER CURRE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-42910 METER DEPOSI	\$1,500.00	\$170.02	\$1,470.02	\$0.00	\$29.98	98.00%
E 603-43400-45100 ELECTRIC POW	\$660,000.00	\$0.00	\$372,283.10	\$0.00	\$287,716.90	56.41%
E 603-43400-45700 DEPRECIATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
E 603-43400-51100 TRANSFER OUT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
FUND 603 ELECTRIC FUND	\$837,990.00	\$16,609.95	\$414,485.05	\$0.00	\$423,504.95	49.46%
FUND 604 SEWER FUND						
E 604-43200-41100 SALARIES AND	\$6,500.00	\$557.26	\$3,502.14	\$0.00	\$2,997.86	53.88%
E 604-43200-41200 FICA	\$497.00	\$49.30	\$270.23	\$0.00	\$226.77	54.37%
E 604-43200-41300 RETIREMENT	\$390.00	\$38.68	\$211.96	\$0.00	\$178.04	54.35%
E 604-43200-41400 WORKMEN S C	\$700.00	\$0.00	\$18.17	\$0.00	\$681.83	2.60%

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF NET POSITION - MODIFIED CASH BASIS
December 31, 2013

	Primary Government			Component Units
	Governmental Activities	Business-Type Activities	Total	
ASSETS:				
Cash and Cash Equivalents	52,798.00	162,259.00	215,057.00	
Investments	853,722.00	764,017.00	1,617,739.00	
Restricted Assets:				
Cash and cash equivalents		5,917.00	5,917.00	
Investments			0.00	
TOTAL ASSETS	906,520.00	932,193.00	1,838,713.00	0.00
NET POSITION:				
Restricted for: (See Note ___)				
Capital Projects Purposes			0.00	
Debt Service Purposes			0.00	
Permanently Restricted Purposes				
Expendable			0.00	
Non-Expendable			0.00	
Other Purposes		5,917.00	5,917.00	
Unrestricted (Deficit)	906,520.00	926,276.00	1,832,796.00	
TOTAL NET POSITION	906,520.00	932,193.00	1,838,713.00	0.00

The notes to the financial statements are an integral part of this statement.

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF ACTIVITIES - MODIFIED CASH BASIS
For the Year Ended December 31, 2013.

Functions/Programs	Program Revenues				Net (Expense) Revenue and Changes in Net Position			Component Units
	Expenses	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Primary Government			
					Governmental Activities	Business-Type Activities	Total	
Primary Government:								
Governmental Activities:								
General Government	59,623.00	3,302.00			(56,321.00)		(56,321.00)	
Public Safety	72,741.00	199.00			(72,542.00)		(72,542.00)	
Public Works	189,216.00		35,821.00		(153,395.00)		(153,395.00)	
Health and Welfare					0.00		0.00	
Culture and Recreation	47,137.00	74,827.00			27,690.00		27,690.00	
Conservation and Development	1,500.00				(1,500.00)		(1,500.00)	
Intergovernmental Expenditures					0.00		0.00	
Miscellaneous Expenditures	400.00				(400.00)		(400.00)	
**Capital Outlay - Unallocated					0.00		0.00	
*Interest on Long-Term Debt					0.00		0.00	
Total Governmental Activities	370,617.00	78,328.00	35,821.00	0.00	(256,468.00)		(256,468.00)	
Business-type Activities:								
Water	147,169.00	141,752.00				(5,417.00)	(5,417.00)	
Sewer	15,646.00	76,430.00					60,784.00	
Electric	792,367.00	860,257.00					67,890.00	
Airport	325,462.00			509,334.00			183,872.00	
Garbage	104,222.00	100,899.00					(3,323.00)	
Total Business-Type Activities	1,384,866.00	1,179,338.00	0.00	509,334.00		303,806.00	303,806.00	
Total Primary Government	1,755,483.00	1,257,666.00	35,821.00	509,334.00	(256,468.00)	303,806.00	47,338.00	
Component Units:								
Housing and Redevelopment Commission								0.00
General Revenues:								
Taxes:								
Property Taxes					158,067.00		158,067.00	
Sales Taxes					234,986.00		234,986.00	
State Shared Revenues					5,651.00		5,651.00	
Grants and Contributions not Restricted to Specific Programs							0.00	
Unrestricted Investment Earnings					638.00	263.00	901.00	
Debt Issued							0.00	
Miscellaneous Revenue					1,084.00	20,148.00	21,232.00	
Special Items								
Extraordinary Items								
Transfers								
							0.00	
Total General Revenues, Special Items, Extraordinary Items and Transfers					400,426.00	20,411.00	420,837.00	0.00
Change in Net Position					143,958.00	324,217.00	468,175.00	0.00
Net Position-Beginning					762,562.00	607,976.00	1,370,538.00	
Adjustments:							0.00	
Adjusted Net Position-Beginning					762,562.00	607,976.00	1,370,538.00	
NET POSITION-ENDING					906,520.00	932,193.00	1,838,713.00	0.00

* The Municipality does not have interest expense related to the functions presented above. This amount includes indirect interest expense on general long-term debt.

** This amount excludes the capital purchases that are included in the direct expenses of the various functions. See Note _____.

The notes to the financial statements are an integral part of this statement.

Published March 13th, 2014 at the total approximate cost of \$

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
GOVERNMENTAL FUNDS
For the Year Ended December 31, 2013

	General Fund	Fund	Fund	Fund	Other Governmental Funds	Total Governmental Funds
Revenues:						
310 Taxes:						
311 General Property Taxes	157,236.00					157,236.00
312 Airflight Property Tax						0.00
313 General Sales and Use Taxes	234,986.00					234,986.00
314 Gross Receipts Business Taxes						0.00
315 Amusement Taxes	180.00					180.00
316 911 Telephone Surcharge						0.00
317 Excise Tax						0.00
318 Tax Deed Revenue	62.00					62.00
319 Penalties and Interest on Delinquent Taxes	589.00					589.00
						0.00
Total Taxes	393,053.00	0.00	0.00	0.00	0.00	393,053.00
320 Licenses and Permits	3,302.00					3,302.00
330 Intergovernmental Revenue:						
331 Federal Grants						0.00
332 Federal Shared Revenue						0.00
333 Federal Payments in Lieu of Taxes						0.00
334 State Grants						0.00
335 State Shared Revenue:						
335.01 Bank Franchise Tax	888.00					888.00
335.02 Motor Vehicle Commercial Prorate						0.00
335.03 Liquor Tax Reversion	4,763.00					4,763.00
335.04 Motor Vehicle Licenses (5%)	20,431.00					20,431.00
335.06 Fire Insurance Premiums Reversion						0.00
335.07 Liquor License Reversion						0.00
335.08 Local Government Highway and Bridge Fund	11,383.00					11,383.00
335.09 911 Remittances						0.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
GOVERNMENTAL FUNDS
For the Year Ended December 31, 2013

Exhibit IV
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	General Fund	Fund	Fund	Fund	Other Governmental Funds	Total Governmental Funds
335.20 Other						0.00
336 State Payments in Lieu of Taxes						0.00
338 County Shared Revenue:						
338.01 County Road Tax (25%)	2,196.00					2,196.00
338.02 County Highway and Bridge Reserve Tax (25%)						0.00
338.03 County Wheel Tax	1,811.00					1,811.00
338.99 Other						0.00
339 Other Intergovernmental Revenues						0.00
Total Intergovernmental Revenue	41,472.00	0.00	0.00	0.00	0.00	41,472.00
340 Charges for Goods and Services:						
341 General Government						0.00
342 Public Safety	133.00					133.00
343 Highways and Streets						0.00
344 Sanitation						0.00
345 Health						0.00
346 Culture and Recreation	74,827.00					74,827.00
347 Ambulance						0.00
348 Cemetery						0.00
349 Other						0.00
Total Charges for Goods and Services	74,960.00	0.00	0.00	0.00	0.00	74,960.00
350 Fines and Forfeits:						
351 Court Fines and Costs	66.00					66.00
352 Animal Control Fines						0.00
353 Parking Meter Fines						0.00
354 Library						0.00
359 Other						0.00

MUNICIPALITY OF ONIDA S.D.
 STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
 GOVERNMENTAL FUNDS
 For the Year Ended December 31, 2013

Exhibit IV
 Page 3

	General Fund	Fund	Fund	Fund	Other Governmental Funds	Total Governmental Funds
Total Fines and Forfeits	66.00	0.00	0.00	0.00	0.00	66.00
360 Miscellaneous Revenue:						
361 Investment Earnings	638.00					638.00
362 Rentals						0.00
363 Special Assessments						0.00
364 Maintenance Assessments						0.00
367 Contributions and Donations from Private Sources						0.00
368 Liquor Operating Agreement Income						0.00
369 Other	1,084.00					1,084.00
Total Miscellaneous Revenue	1,722.00	0.00	0.00	0.00	0.00	1,722.00
Total Revenue	514,575.00	0.00	0.00	0.00	0.00	514,575.00
Expenditures:						
410 General Government:						
411 Legislative	23,402.00					23,402.00
412 Executive						0.00
413 Elections	9.00					9.00
414 Financial Administration	36,212.00					36,212.00
419 Other						0.00
Total General Government	59,623.00	0.00	0.00	0.00	0.00	59,623.00
420 Public Safety:						
421 Police	52,741.00					52,741.00
422 Fire	20,000.00					20,000.00
423 Protective Inspection						0.00
429 Other Protection						0.00
Total Public Safety	72,741.00	0.00	0.00	0.00	0.00	72,741.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
GOVERNMENTAL FUNDS
For the Year Ended December 31, 2013

	<u>General Fund</u>	<u>Fund</u>	<u>Fund</u>	<u>Fund</u>	<u>Other Governmental Funds</u>	<u>Total Governmental Funds</u>
430 Public Works:						
431 Highways and Streets	189,216.00					189,216.00
432 Sanitation						0.00
433 Water						0.00
434 Electricity						0.00
435 Airport						0.00
436 Parking Facilities						0.00
437 Cemeteries						0.00
438 Natural Gas						0.00
439 Transit						0.00
Total Public Works	189,216.00	0.00	0.00	0.00	0.00	189,216.00
440 Health and Welfare:						
441 Health						0.00
442 Home Health						0.00
443 Mental Health Centers						0.00
444 Humane Society						0.00
445 Drug Education						0.00
446 Ambulance						0.00
447 Hospitals, Nursing Homes and Rest Homes						0.00
449 Other						0.00
Total Health and Welfare	0.00	0.00	0.00	0.00	0.00	0.00
450 Culture and Recreation:						
451 Recreation	36,974.00					36,974.00
452 Parks	10,163.00					10,163.00
455 Libraries						0.00
456 Auditorium						0.00
457 Historical Preservation						0.00
458 Museums						0.00
Total Culture and Recreation	47,137.00	0.00	0.00	0.00	0.00	47,137.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
GOVERNMENTAL FUNDS
For the Year Ended December 31, 2013

Exhibit IV
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	General Fund	Fund	Fund	Fund	Other Governmental Funds	Total Governmental Funds
460 Conservation and Development:						
463 Urban Redevelopment and Housing						0.00
465 Economic Development and Assistance (Industrial Development)	1,500.00					1,500.00
466 Economic Opportunity						0.00
Total Conservation and Development	1,500.00	0.00	0.00	0.00	0.00	1,500.00
470 Debt Service						0.00
480 Intergovernmental Expenditures						0.00
485 Capital Outlay						0.00
490 Miscellaneous:						
491 Judgments and Losses						0.00
492 Other Expenditures						0.00
499 Liquor Operating Agreements	400.00					400.00
Total Miscellaneous	400.00	0.00	0.00	0.00	0.00	400.00
Total Expenditures	370,617.00	0.00	0.00	0.00	0.00	370,617.00
Excess of Revenues Over (Under) Expenditures	143,958.00	0.00	0.00	0.00	0.00	143,958.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES - MODIFIED CASH BASIS
GOVERNMENTAL FUNDS
For the Year Ended December 31, 2013

	General Fund	Fund	Fund	Fund	Other Governmental Funds	Total Governmental Funds
Other Financing Sources (Uses):						
391.01 Transfers In						0.00
511 Transfers Out						0.00
513 Payments to Refunded Debt Escrow Agent						0.00
391.03 Sale of Municipal Property						0.00
391.04 Compensation for Loss or Damage to Capital Assets						0.00
391.20 Long-Term Debt Issued						0.00
Total Other Financing Sources (Uses)	0.00	0.00	0.00	0.00	0.00	0.00
391.06 (514) Special Items						0.00
391.05 (515) Extraordinary Items						0.00
Net Change in Fund Balance	143,958.00	0.00	0.00	0.00	0.00	143,958.00
Fund Balance - Beginning	762,562.00					762,562.00
Adjustments:						0.00
_____						0.00
_____						0.00
Adjusted Fund Balance - Beginning	762,562.00	0.00	0.00	0.00	0.00	762,562.00
FUND BALANCE- ENDING	906,520.00	0.00	0.00	0.00	0.00	906,520.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF NET POSITION - MODIFIED CASH BASIS
PROPRIETARY FUNDS
December 31, 2013

	Enterprise Funds				Garbage Fund	Totals
	Water Fund	Sewer Fund	Electricity Fund	Airport Fund		
ASSETS:						
Current Assets:						
Cash and Cash Equivalents	32,576.00	48,516.00	68,062.00	20,403.00	(7,298.00)	162,259.00
106 Cash with Fiscal Agent					0.00	
151 Investments	127,975.00	263,793.00	372,249.00		0.00	764,017.00
Total Current Assets	160,551.00	312,309.00	440,311.00	20,403.00	(7,298.00)	926,276.00
Noncurrent Assets:						
107.1 Restricted Cash and Cash Equivalents				5,917.00	0.00	5,917.00
107.2 Restricted Investments					0.00	
Total Noncurrent Assets	0.00	0.00	0.00	5,917.00	0.00	5,917.00
TOTAL ASSETS	160,551.00	312,309.00	440,311.00	26,320.00	(7,298.00)	932,193.00
NET POSITION:						
253.20 Restricted for:						
253.21 Revenue Bond Debt Service					0.00	
253.22 Revenue Bond Retirement					0.00	
253.23 Revenue Bond Contingency					0.00	
253.24 Special Assessment Bond Guarantee					0.00	
253.25 Special Assessment Bond Sinking					0.00	
253.26 Equipment Repair and/or Replacement					0.00	
253.27 Landfill Closure and Post Closure Costs					0.00	
253.28 Permanently Restricted Purposes					0.00	
253.29 Other purposes				5,917.00	0.00	5,917.00
253.90 Unrestricted	160,551.00	312,309.00	440,311.00	20,403.00	(7,298.00)	926,276.00
TOTAL NET POSITION	160,551.00	312,309.00	440,311.00	26,320.00	(7,298.00)	932,193.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION - MODIFIED CASH BASIS
PROPRIETARY FUNDS
For the Year Ended December 31, 2013

	Enterprise Funds				Totals
	Water Fund	Sewer Fund	Electricity Fund	Airport Fund	
Operating Revenue:					
370/380 Charges for Goods and Services	141,752.00	76,430.00	860,257.00		1,179,338.00
Revenue Dedicated to Servicing Debt				0.00	
380.05 Lottery Sales				0.00	
369 Miscellaneous				0.00	
Total Operating Revenue	141,752.00	76,430.00	860,257.00	0.00	1,179,338.00
Operating Expenses:					
410 Personal Services	25,153.00	8,993.00	24,433.00		61,557.00
420 Other Current Expense	35,679.00	6,653.00	57,759.00	325,462.00	42,551.00
426.2 Materials	86,337.00		710,175.00		0.00
430 Capital Assets				114.00	114.00
Total Operating Expenses	147,169.00	15,646.00	792,367.00	325,462.00	1,384,866.00
Operating Income (Loss)	(5,417.00)	60,784.00	67,890.00	(325,462.00)	(3,323.00)
Nonoperating Revenue (Expense):					
330 Operating Grants				509,334.00	0.00
361 Investment Earnings		92.00	171.00		0.00
362 Rental Revenue				20,148.00	0.00
441 Debt Service (Principal)					0.00
442 Interest Expense (Enter as Negative)					0.00
391.03 Sale of Municipal Property					0.00
391.20 Long-Term Debt Issued					0.00
(429)369.01 Other					0.00
Total Nonoperating Revenue (Expense)	0.00	92.00	171.00	529,482.00	0.00

MUNICIPALITY OF ONIDA S.D.
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION - MODIFIED CASH BASIS
PROPRIETARY FUNDS
For the Year Ended December 31, 2013

	Enterprise Funds					Totals
	Water Fund	Sewer Fund	Electricity Fund	Airport Fund	Garbage Fund	
Income (Loss) Before Contributions, Special Items, Extraordinary Items and Transfers	(5,417.00)	60,876.00	68,061.00	204,020.00	(3,323.00)	324,217.00
391.07 Capital Contributions					0.00	
391.1 Transfers In					0.00	
511 Transfers Out (Enter as Negative)					0.00	
391.06 (514) Special Items					0.00	
391.05 (515) Extraordinary Items					0.00	
Change in Net Position	(5,417.00)	60,876.00	68,061.00	204,020.00	(3,323.00)	324,217.00
Net Position - Beginning	165,968.00	251,433.00	372,250.00	(177,700.00)	(3,975.00)	607,976.00
Adjustments:					0.00	
					0.00	
Adjusted Net Position - Beginning	165,968.00	251,433.00	372,250.00	(177,700.00)	(3,975.00)	607,976.00
NET POSITION - ENDING	160,551.00	312,309.00	440,311.00	26,320.00	(7,298.00)	932,193.00

MUNICIPALITY OF CITY OF ONIDA
STATEMENT OF NET POSITION - MODIFIED CASH BASIS
FIDUCIARY FUNDS
December 31, 2013

	<u>Private-Purpose Trust Funds</u>	<u>Agency Funds</u>
ASSETS:		
Cash and Cash Equivalents	_____	_____
Investments	_____	_____
TOTAL ASSETS	0.00	0.00
NET POSITION:		
Restricted (by major category)	_____	_____
Net Position Held in Agency Capacity	_____	_____
TOTAL NET POSITION	0.00	0.00

The notes to the financial statements are an integral part of this statement.

MUNICIPALITY OF CITY OF ONIDA
STATEMENT OF CHANGES IN NET POSITION - MODIFIED CASH BASIS
FIDUCIARY FUNDS
For the Year Ended December 31, 2013

	Private-Purpose Trust Funds
ADDITIONS:	
Contributions and Donations	
Earnings from Deposits and Investments	
Other Additions	
Total Additions	0.00
DEDUCTIONS:	
Trust Deductions for _____	
Other Deductions	
Total Deductions	0.00
Change in Net Position	0.00
Net Position - Beginning	
NET POSITION - ENDING	0.00

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA

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CITY OF ONIDA

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REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

City Council
City of Onida
Onida, South Dakota

We have audited the modified cash basis financial statements of the governmental activities, the business-type activities, and each major fund of the City of Onida, South Dakota, as of December 31, 2011, and for each of the years in the biennial period then ended, which collectively comprise the City's basic financial statements and have issued our report thereon dated August 29, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the City's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the City's internal control over financial reporting.

Our consideration of internal control over financial reporting was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control over financial reporting that might be significant deficiencies or material weaknesses and therefore, there can be no assurance that all deficiencies, significant deficiencies or material weaknesses have been identified. However, as described in the accompanying Schedule of Current Audit Findings, we identified certain deficiencies in internal control over financial reporting that we consider to be material weaknesses.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the City's financial statements will not be prevented, or detected and corrected on a timely basis. We consider the deficiencies described in the accompanying Schedule of Current Audit Findings as items #2011-01 and #2011-02 to be material weaknesses.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, and contracts, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed instances of noncompliance or other matters that are required to be reported under Government Auditing Standards and which are described in the accompanying Schedule of Current Audit Findings as items #2011-03 and #2011-04.

The City's responses to the findings identified in our audit are described in the accompanying Schedule of Current Audit Findings. We did not audit the City's responses and, accordingly, we express no opinion on them.

We also noted certain additional matters that we reported to the management of the City in a separate letter dated August 29, 2012.

This report is intended solely for the information and use of the South Dakota Legislature, state granting agencies, and the governing board and management of the City of Onida, South Dakota, and is not intended to be and should not be used by anyone other than these specified parties. However, as required by South Dakota Codified Law 4-11-11, this report is a matter of public record and its distribution is not limited.

Kohlman, Bierschbach & Anderson, LLP

August 29, 2012

CITY OF ONIDA
SCHEDULE OF PRIOR AUDIT FINDINGS
DECEMBER 31, 2011 AND 2010

PRIOR AUDIT FINDINGS:

#2009-01

A material weakness was reported for a lack of segregation of duties for cash, capital assets, equity, revenues, and budget. This condition is restated as current audit finding #2011-01.

#2009-02

The City does not have an internal control system designed to provide for the preparation of the annual financial statements including required footnotes and disclosures, in accordance with the modified cash basis, being audited. As auditors, we were requested to draft the financial statements and accompanying notes to the financial statements. This comment is no longer applicable.

#2009-03

During the course of our engagement, we proposed material audit adjustments that would not have been identified as a result of the City's existing internal controls, and therefore could have resulted in a material misstatement of the City's financial statements. This comment is restated as current audit finding #2011-02.

#2009-04

The City does not maintain perpetual inventory records for inventory used. This results in diminished control over inventory and can result in misleading information being presented to users of the financial statements. This comment is no longer applicable.

#2009-05

The City does not maintain adequate records to support the cost, year acquired, description, and location of general capital assets and enterprise fund capital assets. This resulted in diminished control over capital assets and can result in misleading information being presented to users of the financial statements. This comment is no longer applicable.

#2009-06

The City had several budget overdrafts in 2008 and 2009 in some of the funds. This comment is restated as current audit finding #2011-03.

CITY OF ONIDA
SCHEDULE OF CURRENT AUDIT FINDINGS
DECEMBER 31, 2011 AND 2010

CURRENT AUDIT FINDINGS:

Internal Control-Related Findings - Material Weaknesses:

Finding #2011-01

Criteria

Internal control can help the City achieve its performance targets and prevent loss of resources. It can help ensure reliable financial reporting, and it can help ensure that the City complies with laws and regulations.

Condition Found

A material weakness was reported for a lack of segregation of duties for cash, inventory, capital assets, equity, revenues, and budget, which could result in errors not being found in a timely manner.

Effect

This comment is the result of the size of the entity which precludes staffing at a level sufficient to provide an ideal environment for internal controls. The City of Onida has determined it is not cost beneficial to employ additional personnel just to be able to adequately segregate duties for cash, inventory, capital assets, equity, revenues, and budget. It is not known how long this comment has been carried forward.

Recommendation

The City is aware of this problem and is attempting to provide compensating controls wherever and whenever possible and practical.

Management's Response

Gary Wickersham is the contact person responsible for the corrective action plan for this comment. This comment is a result of the size of the City of Onida which precludes staffing at a level sufficient to provide an ideal environment for internal controls. The City of Onida has determined that it is not cost beneficial to employ additional personnel just to be able to adequately segregate duties for cash, inventory, capital assets, equity, revenues, and budget. The City of Onida is aware of this problem and is attempting to provide compensating controls wherever and whenever possible and practical. However, this lack of segregation of duties regarding cash, inventory, capital assets, equity, revenues, and budget continues to exist.

Finding #2011-02

Criteria

An organization's internal control structure should provide for the recording of all necessary material adjustments in order to ensure that accounting records are in accordance with the modified cash basis of accounting.

Condition Found

During the course of our engagement, we proposed material audit adjustments that would not have been identified as a result of the City's existing internal controls, and therefore could have resulted in a material misstatement of the City's financial statements.

CITY OF ONIDA
SCHEDULE OF CURRENT AUDIT FINDINGS
DECEMBER 31, 2011 AND 2010
(Continued)

Effect

This condition may affect the City's ability to record, process, summarize, and report financial data consistent with the assertions of management in the financial statements.

Recommendation

This circumstance is not unusual in an organization of this size. It is the responsibility of management and those charged with governance to make the decision whether to accept the degree of risk associated with this condition because of cost or other considerations.

Management's Response

Gary Wickersham is the contact person responsible for the corrective action plan for this comment. He stated that the City does not have enough staff to maintain this standard.

Compliance and Other Matters:

Finding #2011-03

Criteria

SDCL 9-21-9 limits expenditures to appropriate amounts.

Condition Found

The City had material budget overdrafts in 2010 and 2011 in the General Fund. See the listing of overdrafts in Note 2.

Effect

Budgets are required for all funds. Per SDCL 9-21-9, expenditures are limited to the appropriated amounts.

Recommendation

We recommend the City limit expenditures to the amount budgeted, adopt a supplemental appropriation ordinance, or make contingency transfers for small line item deficits.

Management's Response

Gary Wickersham is the contact person responsible for the corrective action plan for this comment. He stated that they are aware of how to rectify this problem.

Finding #2011-04

Criteria

SDCL 5-18A requires cities to bid certain items that they purchase, including purchases of \$25,000 or more for materials, building supplies, or equipment and purchases of \$50,000 or more for improvements, with certain exceptions.

Condition Found

CITY OF ONIDA
SCHEDULE OF CURRENT AUDIT FINDINGS
DECEMBER 31, 2011 AND 2010
(Continued)

The City had improvements done in the Electric Fund that exceeded \$50,000 that were required to be bid, but the improvements were not bid before the work was done

Effect

The improvements were not properly bid before they were purchased. Therefore, they were not in accordance with South Dakota Codified Law.

Recommendation

We recommend the City properly bid all items that are required to be bid before they are purchased.

Management's Response

Gary Wickersham is the contact person responsible for the corrective action plan for this comment. He stated, "In the future, everything will be bid."

Closing Conference

The contents of this report were discussed with Gary Wickersham, Marla Mosiman, Linda Knox, and Rondha Hiller on June 28, 2012.

KOHLMAN, BIERSCHBACH & ANDERSON, LLP
CERTIFIED PUBLIC ACCOUNTANTS

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MOBRIDGE, SOUTH DAKOTA
LEMMON, SOUTH DAKOTA

INDEPENDENT AUDITORS' REPORT

City Council
City of Onida
Onida, South Dakota

We have audited the accompanying modified cash basis financial statements of the governmental activities, the business-type activities, and each major fund of the City of Onida, South Dakota, as of December 31, 2011, and for each of the years in the biennial period then ended, which collectively comprise the City's basic financial statements as listed in the Table of Contents. These financial statements are the responsibility of the City's management. Our responsibility is to express opinions on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinions.

As described in Note 1.c. to the financial statements, these financial statements were prepared on the modified cash basis of accounting, which is a comprehensive basis of accounting other than generally accepted accounting principles.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position - modified cash basis of the governmental activities, the business-type activities, and each major fund of the City of Onida, South Dakota, as of December 31, 2011, and the respective changes in financial position, thereof for each of the years in the biennial period then ended in conformity with the modified cash basis of accounting described in Note 1.c. to the financial statements.

In accordance with Government Auditing Standards, we have also issued our report dated August 29, 2012, on our consideration of the City's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral

part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the City's basic financial statements. The Budgetary Comparison Schedules, listed in the Table of Contents, are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Kohlman, Biersbach & Anderson, LLP
August 29, 2012

CITY OF ONIDA
STATEMENT OF NET ASSETS - MODIFIED CASH BASIS
DECEMBER 31, 2011

	PRIMARY GOVERNMENT		
	Governmental Activities	Business-Type Activities	Total
ASSETS:			
Cash and cash equivalents	\$ 144,304	\$ 61,088	\$ 205,392
Investments	543,747	725,916	1,269,663
Restricted Assets:			
Cash and cash equivalents	-	5,917	5,917
TOTAL ASSETS	<u>\$ 688,051</u>	<u>\$ 792,921</u>	<u>\$ 1,480,972</u>
NET ASSETS:			
Restricted for:			
Capital improvements	\$ -	\$ 5,917	\$ 5,917
Unrestricted	688,051	787,004	1,475,055
TOTAL NET ASSETS	<u>\$ 688,051</u>	<u>\$ 792,921</u>	<u>\$ 1,480,972</u>

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
STATEMENT OF ACTIVITIES - MODIFIED CASH BASIS
YEAR ENDED DECEMBER 31, 2011

Functions/Programs	Expenses	Program Revenues			Net (Expense) Revenue and Changes in Net Assets		
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Primary Government		Total
					Governmental Activities	Business- Type Activities	
Primary Government:							
Governmental Activities:							
General government	\$ 55,321	\$ 2,869	\$ -	\$ -	\$ (52,452)	\$ -	\$ (52,452)
Public safety	69,785	1,161	-	-	(68,624)	-	(68,624)
Public works	121,499	-	28,665	9,379	(83,455)	-	(83,455)
Culture and recreation	62,502	17,945	-	-	(44,557)	-	(44,557)
Conservation and development	1,500	-	-	-	(1,500)	-	(1,500)
Miscellaneous expenditure	400	-	-	-	(400)	-	(400)
Total Governmental Activities	311,007	21,975	28,665	9,379	(250,988)	-	(250,988)
Business-Type Activities:							
Water	123,215	132,473	-	-	-	9,258	9,258
Sewer	15,233	73,088	-	-	-	57,855	57,855
Electric	760,909	789,694	-	-	-	28,785	28,785
Solid Waste	84,156	75,212	-	-	-	(8,944)	(8,944)
Airport	27,160	-	-	21,638	-	(5,522)	(5,522)
Total Business-Type Activities	1,010,673	1,070,467	-	21,638	-	81,432	81,432
Total Primary Government	\$ 1,321,680	\$ 1,092,442	\$ 28,665	\$ 31,017	(250,988)	81,432	(169,556)
General Revenues:							
Taxes:							
Property taxes					141,993	-	141,993
Sales taxes					247,190	-	247,190
State shared revenues					5,168	-	5,168
Unrestricted investment earnings					765	374	1,139
Miscellaneous revenue					136	17,640	17,776
Total General Revenues					395,252	18,014	413,266
Change in Net Assets					144,264	99,446	243,710
Net Assets - Beginning					543,787	693,475	1,237,262
Net Assets - Ending					\$ 688,051	\$ 792,921	\$ 1,480,972

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
STATEMENT OF ACTIVITIES - MODIFIED CASH BASIS
YEAR ENDED DECEMBER 31, 2010

Functions/Programs	Expenses	Program Revenues			Net (Expense) Revenue and Changes in Net Assets		
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Primary Government		
					Governmental Activities	Business- Type Activities	Total
Primary Government:							
Governmental Activities:							
General government	\$ 65,276	\$ 2,590	\$ -	\$ -	\$ (62,686)	\$ -	\$ (62,686)
Public safety	48,335	1,121	-	-	(47,214)	-	(47,214)
Public works	162,095	-	26,312	4,587	(131,196)	-	(131,196)
Culture and recreation	65,332	17,593	-	-	(47,739)	-	(47,739)
Conservation and development	1,500	-	-	-	(1,500)	-	(1,500)
Miscellaneous expenditure	400	-	-	-	(400)	-	(400)
Total Governmental Activities	342,938	21,304	26,312	4,587	(290,735)	-	(290,735)
Business-Type Activities:							
Water	124,041	128,232	-	-	-	4,191	4,191
Sewer	12,774	53,702	-	-	-	40,928	40,928
Electric	733,302	778,322	-	-	-	45,020	45,020
Solid Waste	80,504	72,392	-	-	-	(8,112)	(8,112)
Airport	28,571	-	-	19,665	-	(8,906)	(8,906)
Total Business-Type Activities	979,192	1,032,648	-	19,665	-	73,121	73,121
Total Primary Government	\$ 1,322,130	\$ 1,053,952	\$ 26,312	\$ 24,252	(290,735)	73,121	(217,614)
General Revenues:							
Taxes:							
Property taxes					133,068	-	133,068
Sales taxes					237,069	-	237,069
State shared revenues					4,994	-	4,994
Unrestricted investment earnings					923	675	1,598
Miscellaneous revenue					642	16,535	17,177
Total General Revenues					376,696	17,210	393,906
Change in Net Assets					85,961	90,331	176,292
Net Assets - Beginning					457,826	603,144	1,060,970
Net Assets - Ending					\$ 543,787	\$ 693,475	\$ 1,237,262

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
BALANCE SHEET - MODIFIED CASH BASIS
GOVERNMENTAL FUND
DECEMBER 31, 2011

	<u>General Fund</u>
ASSETS:	
Cash and cash equivalents	\$ 144,304
Investments	<u>543,747</u>
TOTAL ASSETS	<u>\$ 688,051</u>
FUND BALANCES:	
Unassigned	<u>\$ 688,051</u>
TOTAL FUND BALANCES	<u>\$ 688,051</u>

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN
FUND BALANCE - MODIFIED CASH BASIS
GOVERNMENTAL FUND
YEAR ENDED DECEMBER 31, 2011

	General Fund
REVENUES:	
Taxes:	
General property taxes	\$ 141,216
General sales and use taxes	247,190
Amusement taxes	180
Penalties and interest on delinquent taxes	597
Licenses and Permits	2,869
Intergovernmental Revenue:	
State shared revenue:	
Bank franchise tax	540
Liquor tax reversion	4,628
Motor vehicle licenses (5%)	14,658
Local government highway and bridge fund	8,782
County shared revenue:	
County road tax (25%)	3,490
County wheel tax	1,735
Charges for Goods and Services:	
Public safety	1,011
Culture and recreation	17,945
Fines and Forfeits:	
Court fines and costs	150
Miscellaneous Revenue:	
Investment earnings	765
Special assessments	9,379
Other	136
TOTAL REVENUE	455,271
EXPENDITURES:	
General Government:	
Legislative	20,877
Elections	17
Financial administration	34,427
Public Safety:	
Police	49,785
Fire	20,000
Public Works:	
Highways and streets	121,499
Culture and Recreation:	
Recreation	45,551
Parks	16,951
Conservation and Development:	

CITY OF ONIDA
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN
FUND BALANCE - MODIFIED CASH BASIS
GOVERNMENTAL FUND
YEAR ENDED DECEMBER 31, 2010

	General Fund
REVENUES:	
Taxes:	
General property taxes	\$ 132,338
General sales and use taxes	237,069
Amusement taxes	180
Penalties and interest on delinquent taxes	550
Licenses and Permits	2,590
Intergovernmental Revenue:	
State shared revenue:	
Bank franchise tax	489
Liquor tax reversion	4,505
Motor vehicle licenses (5%)	13,859
Local government highway and bridge fund	8,544
County shared revenue:	
County road tax (25%)	2,196
County wheel tax	1,713
Charges for Goods and Services:	
Public safety	1,121
Culture and recreation	17,593
Miscellaneous Revenue:	
Investment earnings	923
Special assessments	4,587
Other	642
TOTAL REVENUE	428,899
EXPENDITURES:	
General Government:	
Legislative	33,469
Elections	21
Financial administration	31,786
Public Safety:	
Police	48,335
Public Works:	
Highways and streets	162,095
Culture and Recreation:	
Recreation	56,698
Parks	8,634
Conservation and Development:	
Economic development and assistance (industrial development)	1,500
Miscellaneous:	
Liquor operating agreements	400

CITY OF ONIDA
BALANCE SHEET - MODIFIED CASH BASIS
PROPRIETARY FUNDS
DECEMBER 31, 2011

	Business-Type Activities					Totals
	Enterprise Funds					
	Water Fund	Sewer Fund	Electric Fund	Solid Waste Fund	Airport Fund	
ASSETS:						
Current Assets:						
Cash and cash equivalents	\$ 13,449	\$ 5,022	\$ 1,858	\$ (11,661)	\$ 52,420	\$ 61,088
Investments	127,975	188,793	409,148	-	-	725,916
Total Current Assets	<u>141,424</u>	<u>193,815</u>	<u>411,006</u>	<u>(11,661)</u>	<u>52,420</u>	<u>787,004</u>
Noncurrent Assets:						
Restricted cash and cash equivalents	-	-	-	-	5,917	5,917
Total Noncurrent Assets	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,917</u>	<u>5,917</u>
TOTAL ASSETS	<u>\$ 141,424</u>	<u>\$193,815</u>	<u>\$ 411,006</u>	<u>\$ (11,661)</u>	<u>\$58,337</u>	<u>\$ 792,921</u>
NET ASSETS:						
Restricted net assets, restricted for:						
Capital improvements	\$ -	\$ -	\$ -	\$ -	\$ 5,917	\$ 5,917
Unrestricted net assets	141,424	193,815	411,006	(11,661)	52,420	787,004
TOTAL NET ASSETS	<u>\$ 141,424</u>	<u>\$193,815</u>	<u>\$ 411,006</u>	<u>\$ (11,661)</u>	<u>\$58,337</u>	<u>\$ 792,921</u>

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN
FUND NET ASSETS - MODIFIED CASH BASIS
PROPRIETARY FUNDS
YEAR ENDED DECEMBER 31, 2011

	Business-Type Activities Enterprise Funds					Totals
	Water Fund	Sewer Fund	Electric Fund	Solid Waste Fund	Airport Fund	
OPERATING REVENUE:						
Charges for goods and services	\$ 132,473	\$ 73,088	\$ 789,694	\$ 75,212	\$ -	\$ 1,070,467
Miscellaneous	-	-	1,630	-	-	1,630
TOTAL OPERATING REVENUE	<u>132,473</u>	<u>73,088</u>	<u>791,324</u>	<u>75,212</u>	<u>-</u>	<u>1,072,097</u>
OPERATING EXPENSES:						
Personal services	20,422	8,256	16,784	47,033	-	92,495
Other current expense	18,738	6,977	69,522	13,907	4,383	113,527
Materials (cost of goods sold)	84,055	-	646,623	23,136	-	753,814
Capital assets	-	-	27,980	80	22,777	50,837
TOTAL OPERATING EXPENSES	<u>123,215</u>	<u>15,233</u>	<u>760,909</u>	<u>84,156</u>	<u>27,160</u>	<u>1,010,673</u>
OPERATING INCOME (LOSS)	<u>9,258</u>	<u>57,855</u>	<u>30,415</u>	<u>(8,944)</u>	<u>(27,160)</u>	<u>61,424</u>
NONOPERATING REVENUE						
Capital grants	-	-	-	-	21,638	21,638
Investment earnings	-	288	-	-	86	374
Rental revenue	-	-	-	-	15,964	15,964
Other	-	-	-	-	46	46
TOTAL NONOPERATING REVENUE	<u>-</u>	<u>288</u>	<u>-</u>	<u>-</u>	<u>37,734</u>	<u>38,022</u>
CHANGE IN NET ASSETS	9,258	58,143	30,415	(8,944)	10,574	99,446
NET ASSETS - BEGINNING	<u>132,166</u>	<u>135,672</u>	<u>380,591</u>	<u>(2,717)</u>	<u>47,763</u>	<u>693,475</u>
NET ASSETS - ENDING	<u>\$ 141,424</u>	<u>\$193,815</u>	<u>\$ 411,006</u>	<u>\$ (11,661)</u>	<u>\$ 58,337</u>	<u>\$ 792,921</u>

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN
FUND NET ASSETS - MODIFIED CASH BASIS
PROPRIETARY FUNDS
YEAR ENDED DECEMBER 31, 2010

	Business-Type Activities					Totals
	Enterprise Funds					
	Water Fund	Sewer Fund	Electric Fund	Solid Waste Fund	Airport Fund	
OPERATING REVENUE:						
Charges for goods and services	\$ 128,232	\$ 53,702	\$ 778,322	\$72,392	\$ -	\$ 1,032,648
Miscellaneous	-	83	112	-	-	195
TOTAL OPERATING REVENUE	<u>128,232</u>	<u>53,785</u>	<u>778,434</u>	<u>72,392</u>	<u>-</u>	<u>1,032,843</u>
OPERATING EXPENSES:						
Personal services	20,923	4,819	19,246	49,257	-	94,245
Other current expense	23,042	7,955	65,883	8,222	7,871	112,973
Materials (cost of goods sold)	80,076	-	496,991	22,051	-	599,118
Capital assets	-	-	151,182	974	20,700	172,856
TOTAL OPERATING EXPENSES	<u>124,041</u>	<u>12,774</u>	<u>733,302</u>	<u>80,504</u>	<u>28,571</u>	<u>979,192</u>
OPERATING INCOME (LOSS)	<u>4,191</u>	<u>41,011</u>	<u>45,132</u>	<u>(8,112)</u>	<u>(28,571)</u>	<u>53,651</u>
NONOPERATING REVENUE						
Capital grants	-	-	-	-	19,665	19,665
Investment earnings	-	536	-	-	139	675
Rental revenue	-	-	-	-	16,340	16,340
TOTAL NONOPERATING REVENUE	<u>-</u>	<u>536</u>	<u>-</u>	<u>-</u>	<u>36,144</u>	<u>36,680</u>
CHANGE IN NET ASSETS	4,191	41,547	45,132	(8,112)	7,573	90,331
NET ASSETS - BEGINNING	<u>127,975</u>	<u>94,125</u>	<u>335,459</u>	<u>5,395</u>	<u>40,190</u>	<u>603,144</u>
NET ASSETS - ENDING	<u>\$ 132,166</u>	<u>\$135,672</u>	<u>\$ 380,591</u>	<u>\$(2,717)</u>	<u>\$47,763</u>	<u>\$ 693,475</u>

The notes to the financial statements are an integral part of this statement.

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

As discussed further in Note 1.c., these financial statements are presented on a modified cash basis of accounting. The modified cash basis of accounting differs from accounting principles generally accepted in the United States of America (GAAP). Generally accepted accounting principles include all relevant Governmental Accounting Standards Board (GASB) pronouncements.

a. Financial Reporting Entity:

The reporting entity of the City of Onida consists of the primary government (which includes all of the funds, organizations, institutions, agencies, departments, and offices that make up the legal entity, plus those funds for which the primary government has a fiduciary responsibility, even though those fiduciary funds may represent organizations that do not meet the criteria for inclusion in the financial reporting entity); those organizations for which the primary government is financially accountable; and other organizations for which the nature and significance of their relationship with the primary government are such that their exclusion would cause the financial reporting entity's financial statements to be misleading or incomplete.

b. Basis of Presentation:

Government-Wide Financial Statements:

The Statement of Net Assets and Statement of Activities display information about the reporting entity as a whole. They include all funds of the reporting entity except for fiduciary funds. The statements distinguish between governmental and business-type activities. Governmental activities generally are financed through taxes, intergovernmental revenues, and other non-exchange revenues. Business-type activities are financed in whole or in part by fees charged to external parties for goods or services.

The Statement of Activities presents a comparison between direct expenses and program revenues for each segment of the business-type activities of the City and for each function of the City's governmental activities. Direct expenses are those that are specifically associated with a program or function and, therefore, are clearly identifiable to a particular function. Program revenues include (a) charges paid by recipients of goods and services offered by the programs and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented as general revenues.

Fund Financial Statements:

Fund financial statements of the reporting entity are organized into funds, each of which is considered to be a separate accounting entity. Each fund is accounted for by providing a separate set of self-balancing accounts that constitute its assets, liabilities, fund equity, revenues, and expenditures/expenses. Funds are organized into two major categories: governmental and proprietary. An emphasis is placed on major funds within the governmental and proprietary categories. A fund is considered major if it is the primary operating fund of the City or it meets the following criteria:

1. Total assets, liabilities, revenues, or expenditures/expenses of the individual governmental or enterprise fund are at least 10 percent of the corresponding total for all funds of that category or type, and
2. Total assets, liabilities, revenues, or expenditures/expenses of the individual governmental or enterprise fund are at least 5 percent of the corresponding total for all governmental and enterprise funds combined, or

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 1 - (Continued)

3. Management has elected to classify one or more governmental or enterprise funds as major for consistency in reporting from year to year, or because of public interest in the fund's operations.

The funds of the City financial reporting entity are described below:

Governmental Funds:

General Fund - The General Fund is the general operating fund of the City. It is used to account for all financial resources except those required to be accounted for in another fund. The General Fund is always considered to be a major fund.

Proprietary Funds:

Enterprise Funds - Enterprise funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

Water Fund - Financed primarily by user charges, this fund accounts for the construction and operation of the City waterworks system and related facilities. (SDCL 9-47-1) This is a major fund.

Sewer Fund - Financed primarily by user charges, this fund accounts for the construction and operation of the City sanitary sewer system and related facilities. (SDCL 9-48-2) This is a major fund.

Electric Fund - Financed primarily by user charges, this fund accounts for the construction and operation of the City electrical system and related facilities. (SDCL 9-39-1 and 9-39-26) This is a major fund.

Solid Waste Fund - To account for the collection and disposal of solid waste from the City. (SDCL 9-32-11 and 34A-6) This is a major fund.

Airport Fund - To account for the acquisition, construction and operation of the City airport. (SDCL 50-7-2) This is a major fund.

c. Measurement Focus and Basis of Accounting:

Measurement focus is a term used to describe "how" transactions are recorded within the various financial statements. Basis of accounting refers to "when" revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements, regardless of the measurement focus.

The City's basis of accounting is the modified cash basis, which is a basis of accounting other than USGAAP. Under USGAAP, transactions are recorded in the accounts when revenues are earned and liabilities are incurred. Under the modified cash basis, transactions are recorded when cash is received or disbursed.

Measurement Focus:

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 1 - (Continued)

In the government-wide Statement of Net Assets and Statement of Activities, both governmental and business-type activities are presented using the economic resources measurement focus, applied within the limitations of the modified cash basis of accounting as defined below.

In the fund financial statements, the "current financial resources" measurement focus or the "economic resources" measurement focus is used, applied within the limitations of the modified cash basis of accounting.

Basis of Accounting:

In the government-wide Statement of Net Assets and Statement of Activities and the fund financial statements, governmental and business-type activities are presented using a modified cash basis of accounting.

The modified cash basis of accounting involves the measurement of cash and cash equivalents and changes in cash and cash equivalents resulting from cash receipt and disbursement transactions. Under the modified cash basis of accounting, the statement of financial position reports only cash and cash equivalents (those investments with terms to maturity of 90 days (three months) or less at the date of acquisition). Under the modified cash basis of accounting, transactions are recorded in the accounts when cash and/or cash equivalents are received or disbursed and assets and liabilities are recognized to the extent that cash has been received or disbursed. Acceptable modifications to the cash basis of accounting implemented by the City in these financial statements are:

1. Recording long-term investments in marketable securities and bank savings certificates (those with maturities more than 90 days (three months) from the date of acquisition) acquired with cash assets at cost.

As a result of the use of this modified cash basis of accounting, certain assets and their related revenues (such as accounts receivable and revenue for billed or provided services not yet collected) and certain liabilities and their related expenses (such as accounts payable and expenses for goods or services received but not yet paid, and accrued expenses and liabilities) are not recorded in these financial statements.

If the City applied USGAAP, the fund financial statements for governmental funds would use the modified accrual basis of accounting, while the fund financial statements for proprietary fund types would use the accrual basis of accounting. All government-wide financial statements would be presented on the accrual basis of accounting.

The enterprise funds do not apply any FASB Statements and Interpretations issued after November 30, 1989.

d. Deposits and Investments:

For the purpose of financial reporting, "cash and cash equivalents" includes all demand and savings accounts and certificates of deposit or short-term investments with a term to maturity at date of acquisition of three months or less. Investments in open-end mutual fund shares, or similar investments in external investment pools, are also considered to be cash equivalents.

Investments classified in the financial statements consist entirely of certificates of deposit whose term to maturity at date of acquisition exceeds three months, and/or those types of investments authorized by South Dakota Codified Laws (SDCL) 4-5-6. Under the modified cash basis of accounting, investments are carried at cost.

e. Program Revenues:

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 1 - (Continued)

Program revenues derive directly from the program itself or from parties other than the City's taxpayers or citizenry, as a whole. Program revenues are classified into three categories, as follows:

1. Charges for services - These arise from charges to customers, applicants, or others who purchase, use or directly benefit from the goods, services or privileges provided, or are otherwise directly affected by the services.
2. Program-specific operating grants and contributions - These arise from mandatory and voluntary non-exchange transactions with other governments, organizations, or individuals that are restricted for use in a particular program.
3. Program-specific capital grants and contributions - These arise from mandatory and voluntary non-exchange transactions with other governments, organizations, or individuals that are restricted for the acquisition of capital assets for use in a particular program.

f. Proprietary Funds Revenue and Expense Classifications:

In the proprietary fund's Statement of Revenues, Expenses and Changes in Fund Net Assets, revenues and expenses are classified in a manner consistent with how they are classified in the Statement of Cash Flows. That is, transactions for which related cash flows are reported as capital and related financing activities, noncapital financing activities, or investing activities are not reported as components of operating revenues or expenses.

g. Equity Classifications:

Government-Wide Financial Statements:

Equity is classified as net assets and is displayed in two components:

1. Restricted net assets - Consists of net assets with constraints placed on their use either by (a) external groups such as creditors, grantors, contributors, or laws and regulations of other governments; or (b) law through constitutional provisions or enabling legislation.
2. Unrestricted net assets - All other net assets that do not meet the definition of "restricted".

Fund Financial Statements:

Governmental fund equity is classified as fund balance, and may distinguish between "Nonspendable", "Restricted", "Committed", "Assigned", and "Unassigned" components. Proprietary fund equity is classified the same as in the government-wide financial statements.

h. Application of Net Assets:

It is the City's policy to first use restricted net assets, prior to the use of unrestricted net assets, when an expense is incurred for purposes for which both restricted and unrestricted net assets are available.

i. Fund Balance Classification Policies and Procedures:

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 1 - (Continued)

In accordance with Government Accounting Standards Board (GASB) No. 54, Fund Balance Reporting and Governmental Fund Type Definitions, the City classifies governmental fund balances as follows:

1. Nonspendable - includes fund balance amounts that cannot be spent either because it is not in spendable form or because of legal or contractual constraints.
2. Restricted - includes fund balance amounts that constrained for specific purposes which are externally imposed by providers, such as creditors or amounts constrained due to constitutional provisions or enabling legislation.
3. Committed - includes fund balance amounts that are constrained for specific purposes that are internally imposed by the government through formal action of the highest level of decision making authority and does not lapse at year-end.
4. Assigned - includes fund balance amounts that are intended to be used for specific purposes that are neither considered restricted or committed. Fund Balance may be assigned by the City Council.
5. Unassigned - includes positive fund balance within the General Fund which has not been classified within the above mentioned categories and negative fund balances in other governmental funds.

The City uses restricted/committed amounts first when both restricted and unrestricted fund balance is available unless there are legal documents/contracts that prohibit doing this, such as a grant agreement requiring dollar for dollar spending. Additionally, the Government would first use committed, then assigned, and lastly unassigned amounts of unrestricted fund balance when expenditures are made.

The City does not have a formal minimum fund balance policy.

NOTE 2 - VIOLATIONS OF FINANCE-RELATED LEGAL AND CONTRACTUAL PROVISIONS

The City is prohibited by statute from spending in excess of appropriated amounts at the department level. The following represents the significant overdrafts of the expenditures compared to appropriations:

	<u>Year Ended</u> <u>12/31/2010</u>	<u>Year Ended</u> <u>12/31/2011</u>
General Fund:		
<u>Activity:</u>		
General Government - Legislative	\$ 944	\$ --
General Government - Financial administration	\$ --	\$ 108
Public Safety - Fire	\$ --	\$10,000
Culture and Recreation - Recreation	\$15,091	\$ 3,744
Conservation and Development - Economic development and assistance (industrial development)	\$ 1,500	\$ --

The City plans to take the following actions to address these violations: Supplement the budget and make contingency transfers.

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 3 - DEPOSITS AND INVESTMENTS CREDIT RISK, CONCENTRATIONS OF CREDIT RISK AND INTEREST RATE RISK

The City follows the practice of aggregating the cash assets of all the funds to maximize cash management efficiency and returns. Various restrictions on deposits and investments are imposed by statutes. These restrictions are summarized below:

Deposits - The City's cash deposits are made in qualified public depositories as defined by SDCL 4-6A-1, 9-22-6, 9-22-6.1 and 9-22-6.2, and may be in the form of demand or time deposits. Qualified depositories are required by SDCL 4-6A-3 to maintain at all times, segregated from their other assets, eligible collateral having a value equal to at least 100 percent of the public deposit accounts which exceed deposit insurance such as the FDIC and NCUA. In lieu of pledging eligible securities, a qualified public depository may furnish irrevocable standby letters of credit issued by federal home loan banks accompanied by written evidence of that bank's public debt rating which may not be less than "AA" or a qualified public depository may furnish a corporate surety bond of a corporation authorized to do business in South Dakota.

Investments - In general, SDCL 4-5-6 permits City funds to be invested only in (a) securities of the United States and securities guaranteed by the United States Government either directly or indirectly; or (b) repurchase agreements fully collateralized by securities described in (a) above; or in shares of an open-end, no-load fund administered by an investment company whose investments are in securities described in (a) above and repurchase agreements described in (b) above. Also, SDCL 4-5-9 requires investments to be in the physical custody of the political subdivision or may be deposited in a safekeeping account with any bank or trust company designated by the political subdivision as its fiscal agent.

Credit Risk - State law limits eligible investments for the City, as discussed above. The City has no investment policy that would further limit its investment choices.

As of December 31, 2011, the City had the following investments:

<u>Investment</u>	<u>Credit Rating</u>	<u>Maturities</u>	<u>Fair Value</u>
External Investment Pools:			
SDFIT	Unrated	\$1,225,442	\$1,225,442

The South Dakota Public Fund Investment Trust (SDFIT) is an external investment pool created for South Dakota local government investing. It is regulated by a nine member board with representation from cities, school districts, and counties. The net asset value of the SDFIT money market account (GCR) is kept at one dollar per share by adjusting the rate of return on a daily basis. Earnings are credited to each account on a monthly basis.

Concentration of Credit Risk - The City places no limit on the amount that may be invested in any one issuer. More than 5 percent of the City's investments are in SDFIT (98%).

Interest Rate Risk - The City does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Assignment of Investment Income - State law allows income from deposits and investments to be credited to either the General Fund or the fund making the investment. The City's policy is to credit all income from deposits and investments to the General Fund. USGAAP, on the other hand, requires income from deposits and investments to be reported in the fund whose assets generated that income except where legal or contractual requirements require investment income to be credited to a fund other than the one associated with the assets. Where the governing board has discretion to credit investment income to a fund other than the fund that provided the resources for investment, a transfer to the designated

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 3 - (Continued)

fund is reported. Accordingly, in the fund financial statements, interfund transfers of investment earnings are reported, while in the government-wide financial statements, they have been eliminated, except for the net amounts transferred between governmental activities and business-type activities.

NOTE 4 - RESTRICTED CASH AND INVESTMENTS

Assets restricted to use for a specific purpose through segregation of balances in separate accounts are as follows:

<u>Amount:</u>	<u>Purpose:</u>
\$5,917	For capital improvements in the Airport Fund

NOTE 5 - PROPERTY TAXES

Property taxes are levied on or before October 1 of the year preceding the start of the fiscal year. They attach as an enforceable lien on property and become due and payable as of January 1, the first day of the fiscal year. Taxes are payable in two installments on or before April 30 and October 31 of the fiscal year.

The City is permitted by several state statutes to levy varying amounts of taxes per \$1,000 of taxable valuation on taxable real property in the City.

NOTE 6 - RESTRICTED NET ASSETS

Restricted net assets for the year ended December 31, 2011, were as follows:

Major Funds

Capital Improvement Purposes – Airport Fund	<u>\$5,917</u>
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These balances are restricted by the terms of the grant agreement.

NOTE 7 - RETIREMENT PLAN

All employees, except for part-time employees, participate in the South Dakota Retirement System (SDRS), a cost-sharing, multiple employer public employee retirement system established to provide retirement benefits for employees of the State of South Dakota and its political subdivisions. The SDRS provides retirement, disability and survivor benefits. The right to receive retirement benefits vests after three years of credited service. Authority for establishing, administering and amending plan provisions are found in South Dakota Codified Law 3-12. The SDRS issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to the SDRS, P.O. Box 1098, Pierre, South Dakota 57501-1098 or by calling (605) 773-3731.

General employees are required by state statute to contribute 6 percent of their salary to the plan, while public safety and judicial employees contribute at 8 percent and 9 percent, respectively. State statute also requires the employer to

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 7 - (Continued)

contribute an amount equal to the employee's contribution. State statute also requires the employer to make an additional contribution in the amount of 6.2 percent for any compensation exceeding the maximum taxable amount for social security for general employees only. The City's share of contributions to the SDRS for the fiscal years ended December 31, 2011, 2010, and 2009, were \$7,347, \$6,794, and \$6,611, respectively, equal to the required contributions each year.

NOTE 8 - SIGNIFICANT CONTINGENCIES - LITIGATION

At December 31, 2011, the City was not involved in any litigation.

NOTE 9 - SUBSEQUENT EVENTS

Management has evaluated whether any subsequent events have occurred through August 29, 2012, the date on which the financial statements were available to be issued. Management has determined there are none.

NOTE 10 - RISK MANAGEMENT

The City is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. During the period ended December 31, 2011, the City managed its risks as follows:

Employee Health Insurance:

The City purchases health insurance for its employees from a commercial insurance carrier. Settled claims resulting from these risks have not exceeded the liability coverage during the past three years.

Liability Insurance:

The City purchases liability insurance for risks related to torts; theft or damage to property; and errors and omissions of public officials from a commercial insurance carrier. Settled claims resulting from these risks have not exceeded the liability coverage during the past three years.

Worker's Compensation:

The City joined the South Dakota Municipal League Worker's Compensation Fund (Fund), a public entity risk pool currently operating as a common risk management and insurance program for South Dakota local government entities. The objective of the Fund is to formulate, develop, and administer, on behalf of the member organizations, a program of worker's compensation coverage, to obtain lower costs for that coverage, and to develop a comprehensive loss control program. The City's responsibility is to initiate and maintain a safety program to give its employees safe and sanitary working conditions and to promptly report to and cooperate with the Fund to resolve any worker's compensation claims. The City pays an annual premium, to provide worker's compensation coverage for its employees, under a self-funded program and the premiums are accrued based on the ultimate cost of the experience to date of the Fund members. Coverage limits are set by state statute. The pool pays the first \$650,000 of any claim per individual. The pool has reinsurance which covers up to statutory limits in addition to a separate combined employer liability limit of \$2,000,000 per incident.

CITY OF ONIDA
NOTES TO THE MODIFIED CASH BASIS FINANCIAL STATEMENTS
DECEMBER 31, 2011 AND 2010

NOTE 10 - (Continued)

The City does not carry additional insurance to cover claims in excess of the upper limit. Settled claims resulting from these risks have not exceeded the liability coverage over the past three years.

Unemployment Benefits:

The City provides coverage for unemployment benefits by paying into the Unemployment Compensation Fund established by state law and managed by the State of South Dakota.

CITY OF ONIDA
BUDGETARY COMPARISON SCHEDULE - BUDGETARY BASIS
GENERAL FUND
YEAR ENDED DECEMBER 31, 2011

	<u>Budgeted Amounts</u>		Actual Amounts	Variance with Final Budget - Positive (Negative)
	<u>Original</u>	<u>Final</u>		<u></u>
REVENUES:				
Taxes:				
General property taxes	\$ 123,400	\$ 123,400	\$ 141,216	\$ 17,816
General sales and use taxes	228,000	228,000	247,190	19,190
Amusement taxes	-	-	180	180
Penalties and interest on delinquent taxes	500	500	597	97
Licenses and Permits	2,400	2,400	2,869	469
Intergovernmental Revenue:				
State shared revenue:				
Bank franchise tax	300	300	540	240
Liquor tax reversion	4,500	4,500	4,628	128
Motor vehicle licenses (5%)	12,000	12,000	14,658	2,658
Local government highway and bridge fund	7,700	7,700	8,782	1,082
County shared revenue:				
County road tax (25%)	2,500	2,500	3,490	990
County wheel tax	1,600	1,600	1,735	135
Charges for Goods and Services:				
Public safety	3,400	3,400	1,011	(2,389)
Culture and recreation	18,500	18,500	17,945	(555)
Fines and Forfeits:				
Court fines and costs	-	-	150	150
Miscellaneous Revenue:				
Investment earnings	10,000	10,000	765	(9,235)
Special assessments	4,800	4,800	9,379	4,579
Other	2,000	2,000	136	(1,864)
TOTAL REVENUE	<u>421,600</u>	<u>421,600</u>	<u>455,271</u>	<u>33,671</u>
EXPENDITURES:				
General Government:				
Legislative	23,118	23,118	20,877	2,241
Elections	325	325	17	308
Financial administration	34,319	34,319	34,427	(108)
Public Safety:				
Police	49,785	49,785	49,785	-
Fire	10,000	10,000	20,000	(10,000)
Public Works:				
Highways and streets	427,948	427,948	121,499	306,449
Culture and Recreation:				
Recreation	41,807	41,807	45,551	(3,744)
Parks	21,106	21,106	16,951	4,155
Conservation and Development:				

	<u>Budgeted Amounts</u>		<u>Actual Amounts</u>	<u>Variance with Final Budget - Positive (Negative)</u>
	<u>Original</u>	<u>Final</u>		
Economic development and assistance (industrial development)	1,500	1,500	1,500	-
Miscellaneous:				
Liquor operating agreements	400	400	400	-
TOTAL EXPENDITURES	<u>610,308</u>	<u>610,308</u>	<u>311,007</u>	<u>299,301</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(188,708)</u>	<u>(188,708)</u>	<u>144,264</u>	<u>332,972</u>
OTHER FINANCING SOURCES:				
Transfers in	<u>188,708</u>	<u>188,708</u>	<u>-</u>	<u>(188,708)</u>
TOTAL OTHER FINANCING SOURCES	<u>188,708</u>	<u>188,708</u>	<u>-</u>	<u>(188,708)</u>
NET CHANGE IN FUND BALANCES	-	-	144,264	144,264
FUND BALANCE - BEGINNING	<u>543,787</u>	<u>543,787</u>	<u>543,787</u>	<u>-</u>
FUND BALANCE - ENDING	<u>\$ 543,787</u>	<u>\$ 543,787</u>	<u>\$ 688,051</u>	<u>\$ 144,264</u>

CITY OF ONIDA
BUDGETARY COMPARISON SCHEDULE - BUDGETARY BASIS
GENERAL FUND
YEAR ENDED DECEMBER 31, 2010

	<u>Budgeted Amounts</u>		<u>Actual Amounts</u>	<u>Variance with Final Budget - Positive (Negative)</u>
	<u>Original</u>	<u>Final</u>		
REVENUES:				
Taxes:				
General property taxes	\$ 121,000	\$ 121,000	\$ 132,338	\$ 11,338
General sales and use taxes	191,000	191,000	237,069	46,069
Amusement taxes	-	-	180	180
Penalties and interest on delinquent taxes	500	500	550	50
Licenses and Permits	2,120	2,120	2,590	470
Intergovernmental Revenue:				
State shared revenue:				
Bank franchise tax	300	300	489	189
Liquor tax reversion	4,000	4,000	4,505	505
Motor vehicle licenses (5%)	12,000	12,000	13,859	1,859
Local government highway and bridge fund	8,000	8,000	8,544	544
County shared revenue:				
County road tax (25%)	2,500	2,500	2,196	(304)
County HBR tax (25%)	600	600	-	(600)
County wheel tax	2,000	2,000	1,713	(287)
Charges for Goods and Services:				
Public safety	5,500	5,500	1,121	(4,379)
Culture and recreation	19,000	19,000	17,593	(1,407)
Miscellaneous Revenue:				
Investment earnings	21,447	21,447	923	(20,524)
Special assessments	8,200	8,200	4,587	(3,613)
Other	2,650	2,650	642	(2,008)
TOTAL REVENUE	<u>400,817</u>	<u>400,817</u>	<u>428,899</u>	<u>28,082</u>
EXPENDITURES:				
General Government:				
Legislative	32,525	32,525	33,469	(944)
Elections	325	325	21	304
Financial administration	36,874	36,874	31,786	5,088
Public Safety:				
Police	48,835	48,835	48,335	500
Fire	10,000	10,000	-	10,000
Public Works:				
Highways and streets	250,880	250,880	162,095	88,785
Culture and Recreation:				
Recreation	41,607	41,607	56,698	(15,091)
Parks	23,950	23,950	8,634	15,316
Conservation and Development:				

	<u>Budgeted Amounts</u>		<u>Actual Amounts</u>	<u>Variance with Final Budget - Positive (Negative)</u>
	<u>Original</u>	<u>Final</u>		
Economic development and assistance (industrial development)	-	-	1,500	(1,500)
Miscellaneous:				
Liquor operating agreements	<u>575</u>	<u>575</u>	<u>400</u>	<u>175</u>
TOTAL EXPENDITURES	<u>445,571</u>	<u>445,571</u>	<u>342,938</u>	<u>102,633</u>
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	<u>(44,754)</u>	<u>(44,754)</u>	<u>85,961</u>	<u>130,715</u>
OTHER FINANCING SOURCES:				
Transfers in	<u>44,754</u>	<u>44,754</u>	<u>-</u>	<u>(44,754)</u>
TOTAL OTHER FINANCING SOURCES	<u>44,754</u>	<u>44,754</u>	<u>-</u>	<u>(44,754)</u>
NET CHANGE IN FUND BALANCES	-	-	85,961	85,961
FUND BALANCE - BEGINNING	<u>457,826</u>	<u>457,826</u>	<u>457,826</u>	<u>-</u>
FUND BALANCE - ENDING	<u>\$ 457,826</u>	<u>\$ 457,826</u>	<u>\$ 543,787</u>	<u>\$ 85,961</u>

CITY OF ONIDA
NOTES TO SUPPLEMENTARY INFORMATION
SCHEDULES OF BUDGETARY COMPARISONS FOR THE GENERAL FUND
DECEMBER 31, 2011

Note 1 - Budgets and Budgetary Accounting

The City follows these procedures in establishing the budgetary data reflected in the schedules:

1. At the first regular board meeting in September of each year or within ten days thereafter, the Governing Board introduces the annual appropriation ordinance for the ensuing fiscal year.
2. After adoption by the Governing Board, the operating budget is legally binding and actual expenditures for each purpose cannot exceed the amounts budgeted, except as indicated in number 4.
3. A line item for contingencies may be included in the annual budget. Such a line item may not exceed 5 percent of the total City budget and may be transferred by resolution of the Governing Board to any other budget category that is deemed insufficient during the year.
4. If it is determined during the year that sufficient amounts have not been budgeted, state statute allows the adoption of supplemental budgets.
5. Unexpended appropriations lapse at year end unless encumbered by resolution of the Governing Board.

Encumbrance accounting, under which purchase orders, contracts, and other commitments for the expenditure of monies are recorded in order to reserve that portion of the applicable appropriation is employed as an extension of formal budgetary integration in the General Fund.

The City did not encumber any amounts at either December 31, 2010, or December 31, 2011.

6. Formal budgetary integration is employed as a management control device during the year for the General Fund.
7. Budgets for the General Fund are adopted on a basis consistent with accounting principles generally accepted in the United States (USGAAP).

Note 2 - Other Comprehensive Basis of Accounting Modified Cash Basis/Budgetary Accounting Basis Differences

The financial statements prepared in conformity with USGAAP applied within the context of the modified cash basis of accounting present capital outlay expenditure information in a separate category of expenditures. Under the budgetary basis of accounting, capital outlay expenditures are reported within the function to which they relate. For example, the purchase of a new fire truck would be reported as a capital outlay expenditure on the Governmental Funds Statement of Revenues, Expenditures and Changes in Fund Balances, however, in the Budgetary RSI Schedule, the purchase of a fire truck would be reported as an expenditure of the Public Safety/Fire Department function of government, along with all other current Fire Department related expenditures.

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APR 18 2014

Division of Financial
& Technical Assistance

FACILITY PLAN

for the

WATER SYSTEM

IN

ONIDA, SOUTH DAKOTA

PROJECT #13979

APRIL 2014

SPN

& Associates

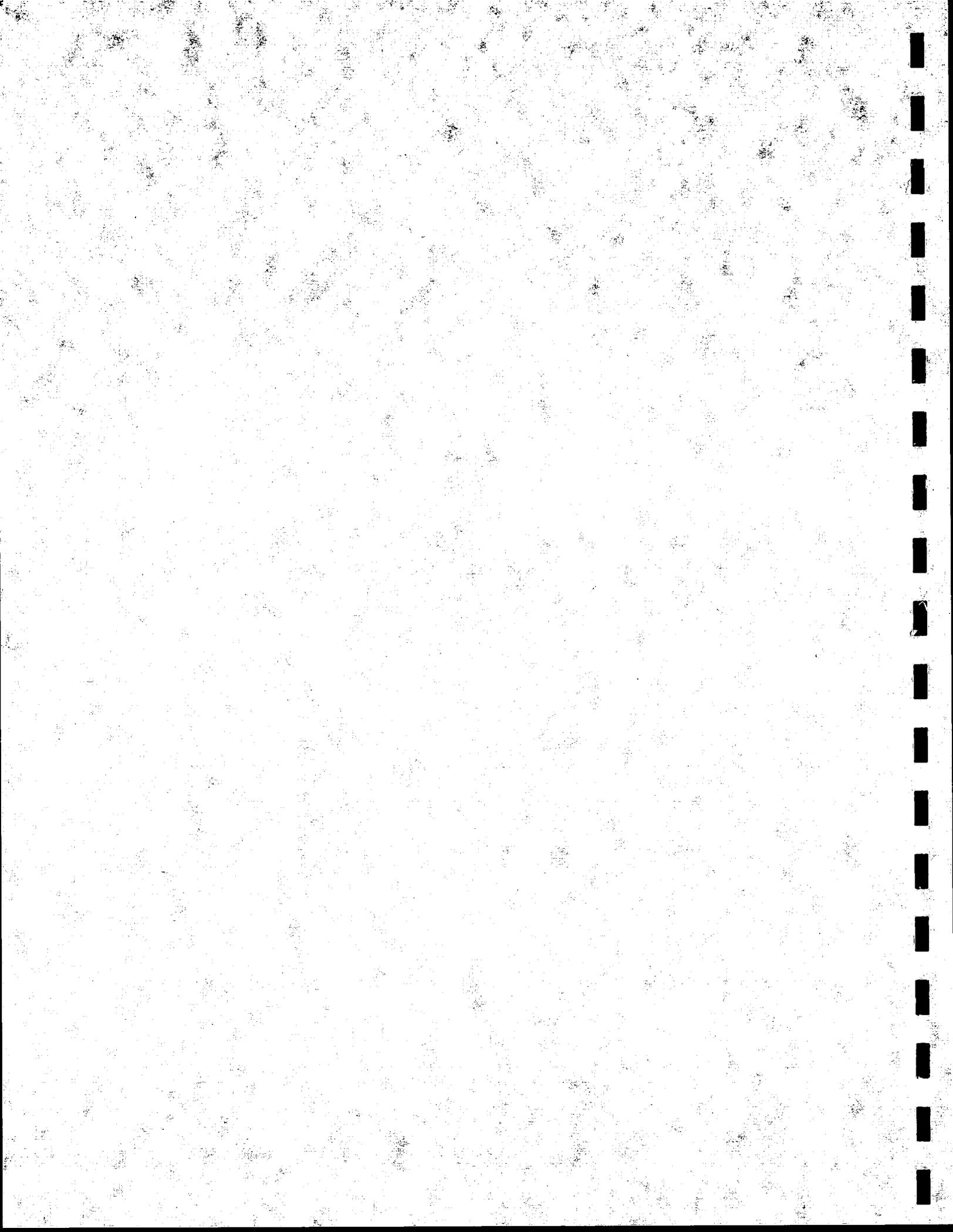
ENGINEERS-PLANNERS- SURVEYORS

2100 NORTH SANBORN BLVD, P.O. BOX 398

MITCHELL, SOUTH DAKOTA 57301

PHONE 605-996-7761

FAX 605-996-0015



**Facility Plan for the
Water System
in
Onida, South Dakota**

Project Number: 13979



I hereby certify that this report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of South Dakota.

By Camden A. Hofer

Camden A. Hofer P.E.
CAMDEN A.
HOFFER

Registration No. SD #8322

Date 4-15-14



SCHMUCKER, PAUL, NOHR & ASSOCIATES
CONSULTING ENGINEERS - SURVEYORS
2100 NORTH SANBORN BLVD., PO BOX 398
MITCHELL, SOUTH DAKOTA 57301

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- Appendix A Comment Letters
- Appendix B Drinking Water Quality Report
- Appendix C SD DENR Drinking Water System Evaluation

1 INTRODUCTION

1.1 PURPOSE

The City of Onida has contracted with the engineering firm of Schmucker Paul Nohr and Associates (SPN) to complete an investigation of its existing water system. The intent of this study is to identify and quantify problems that exist within this system.

The results of the study are presented in this Facility Plan. The Facility Plan contains information with which the City Council of Onida can make cost-effective decisions. The City Council will, after appropriate public input, determine what its best options are to make any needed improvements that are identified in the Facility Plan. As loan and grant funding will undoubtedly be desired to make the improvements that are recommended herein, the identified project(s) will need to be placed on the State Water Plan. This Facility Plan will be a valuable tool for the community to utilize in its efforts to pursue the funding necessary to make needed public improvements.

1.2 SCOPE

The scope of the study authorized by the City Council includes the following work to be performed by SPN and Associates:

- 1) Complete an analysis of the requirements of governmental authorities having jurisdiction to approve the design of the project and participate in consultations with such authorities.
- 2) Complete an analysis of the existing water distribution system relating to quantity and quality, compliance with existing and proposed drinking water standards, water losses in the system, identification of system age, evaluation of current water pressures and fire flow capacities and an evaluation of current and future needs.
- 3) Complete a general economic analysis and comparison of various alternatives to correct the identified deficiencies.

1.3 AUTHORIZATION

The studies reported herein were performed pursuant to the provisions of a letter agreement between the City of Onida and SPN & Associates, Inc. dated April 8, 2013.

2 COMMUNITY DESCRIPTION

2.1 GENERAL INFORMATION

The City of Onida was founded in 1883 and is located in central Sully County, South Dakota, as indicated in Figure 2.1. Onida is the Sully County seat. Onida is located at the intersection of South Dakota Highway 83 and 185th Street. A large part of the economy of the City of Onida is due to the farming industry. Communities located within the county include Agar and Onida.

Onida is classified as a second-class city. Its government consists of a City Council with seven members, including a Mayor. A full-time Utility Manager is employed by the City along with at least two others that help out with City maintenance. These individuals provide the necessary public utility maintenance within the community. The City also has a full-time finance officer to assist the Council with financial matters.

2.2 POPULATION CHARACTERISTICS

Onida's population is 658 according to the 2010 census. The most recent Census Bureau data available at the time of this report indicated that Onida's median age was 42.7 years as compared to the state's median age of 36.9. At the time census data was gathered, 17% of its population was the age of 65 and over. In comparison, the state's population that is 65 and over is 14.3%.

Data from the 2010 census indicates that the community's median household income of \$52,292 was \$4,282 higher than the state's median household income of \$48,010. At the time the census data was gathered, about 9.4% of the families living in the community had incomes at or below the poverty level.

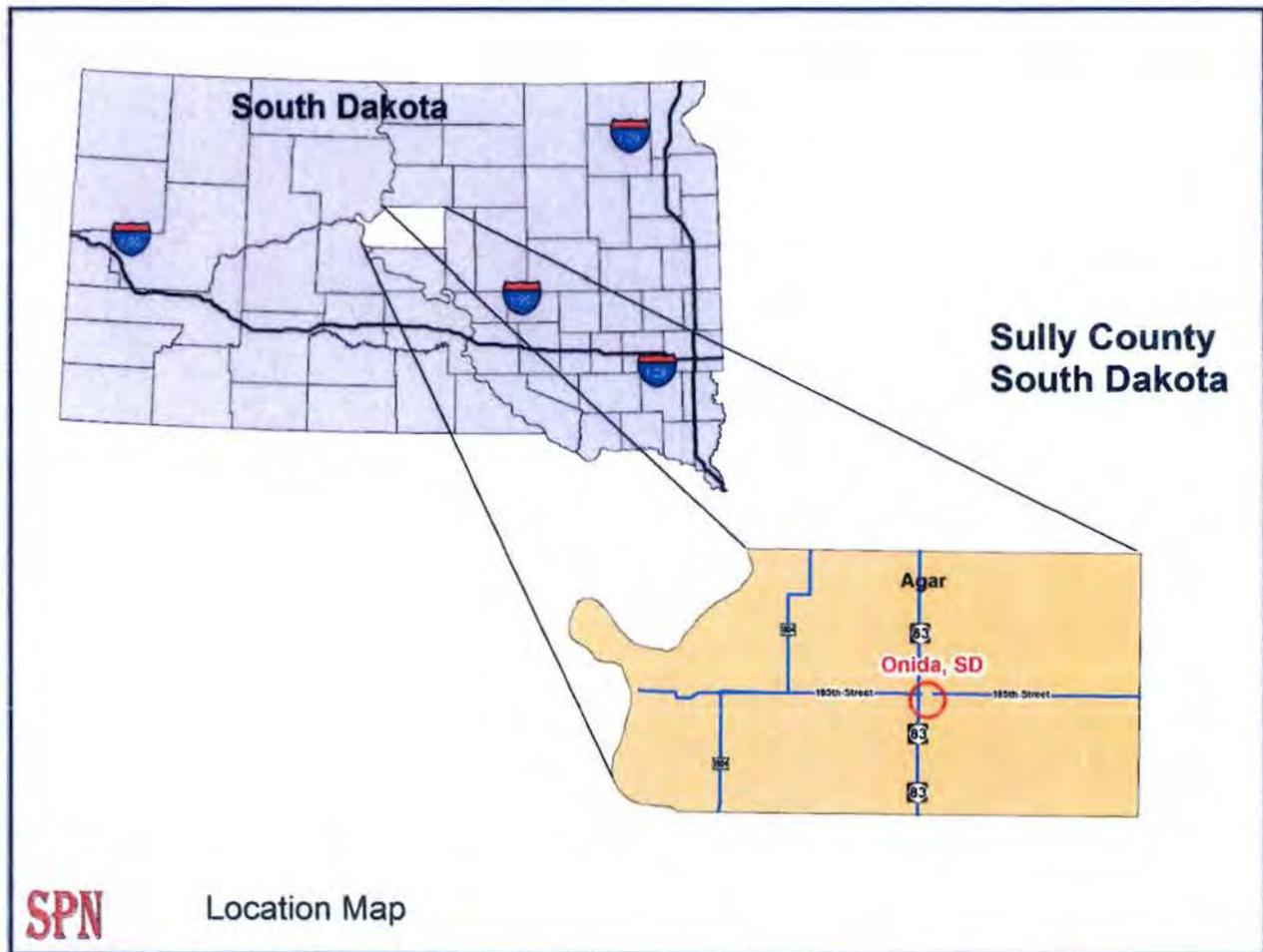


Figure 2.1: Location Map

2.3 POPULATION PROJECTIONS

The 2010 Census indicated a population of 658. Figure 2.2 indicates the historical population data from 1910 to 2010 for the community. As shown by the historical data, the population has fluctuated in the past. Most population projections would indicate a declining to stable population in the future.

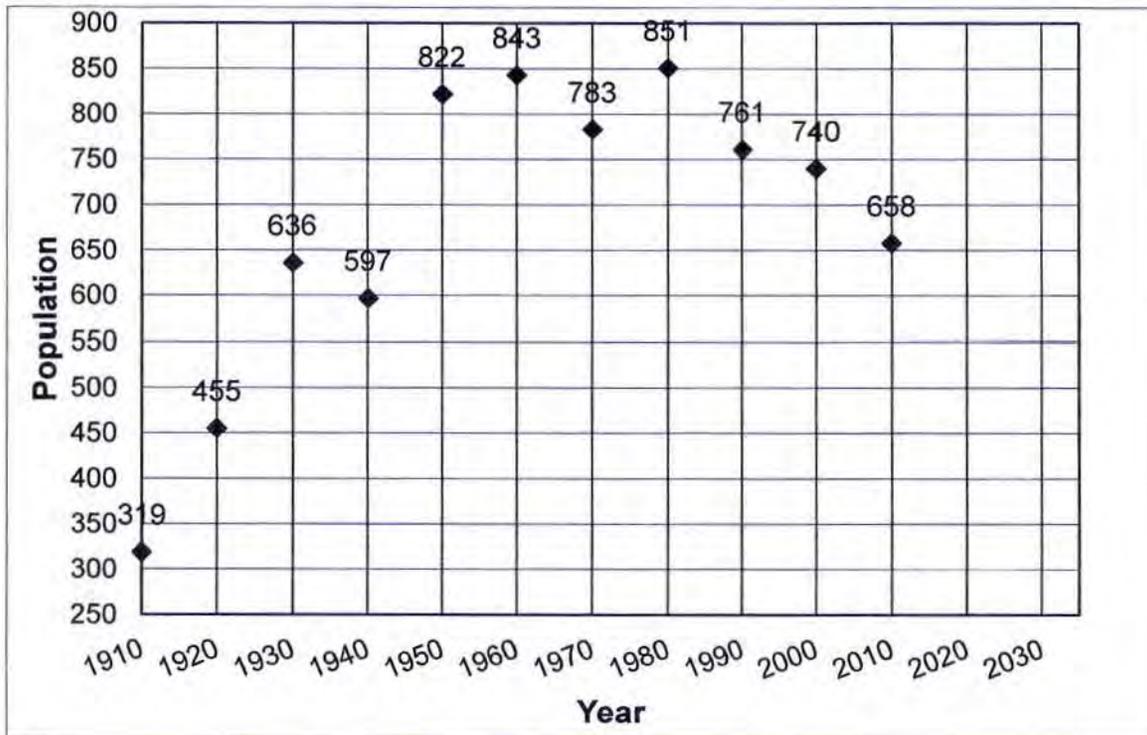


Figure 2.2: Historic Population

As with all communities, there are always efforts to entice new businesses into locating in Onida. Even though this possibility exists, it is not anticipated that these efforts will have a significant impact on the projected water system demand.

There are approximately 22 out-of-town residential water services that are connected to the City's water distribution system. According to the Sully County population statistics, there are approximately 2.25 people per household. Using this ratio the population equivalent for the 22 out-of-town connections would be 50. Therefore, the total equivalent population for the water system evaluation is 708.

2.4 TOPOGRAPHY / CLIMATE

Sully County is located in central South Dakota. Sully County is nearly level to gently sloping, but rolling to steep soils are adjacent to Sully Buttes, Lake Oahe and along the two principal streams, Okobojo and North Medicine Knoll Creeks. Okobojo and North Medicine Knoll Creeks flow from northeast to southwest to the Missouri River System.

Elevation ranges from 2,100 feet near Sully Buttes to 1,600 feet on the Shore of Lake Oahe.

The area's climate is generally described as continental-type. Winters are relatively long and cold while summers are hot. Most of the precipitation occurs during the warm period of late spring and early summer. Approximately 80 percent of the total annual precipitation falls in April through September. Normal precipitation for the area is 19.4 inches annually. The summer temperatures tend to reach 100 degrees or higher and the winter temperatures may reach as low as -30 degrees.

2.5 ENVIRONMENTAL REVIEW INFORMATION

As part of the environmental assessment requirement for the facility planning process, the project sponsor is required to contact various state and federal agencies. Environmental assessment letters have been sent to the following agencies. A copy of the letter requesting comments is included in Appendix A. Future correspondence related to the environmental review will be provided once it is received.

2.5.1 Historic and Archaeological Sites

Upon completion of an application for funding through one or more various funding agencies, a letter will be sent to the funding agency describing the proposed project location and construction activities as well as a general description of the existing conditions as found within the project limits. No effect on historic properties or archaeological findings is expected due to this project.

2.5.2 Floodplains and Wetlands

The US Fish and Wildlife Service, the US Army Corps of Engineers and the South Dakota Department of Game, Fish and Parks were contacted for input related to the proposed improvements. No floodplains or wetlands in the area are expected to be involved in the project.

2.5.3 Agricultural Lands

The US Department of Agriculture's State Soils Scientist was contacted for input on the proposed improvements. No significant effect on agricultural lands is expected.

2.5.4 Wild and Scenic Rivers

Research indicates that there are no designated wild and scenic rivers in the area. Therefore, the proposed improvements will have no impact on this resource.

2.5.5 Water Quality and Quantity

The South Dakota Department of Environment and Natural Resources was contacted for input on the proposed improvements. No effect on water quality and quantity is expected due to the project.

2.5.6 Endangered Species

The U.S. Fish and Wildlife Service and the South Dakota Department of Game, Fish and Parks were contacted for the purpose of soliciting input related to potential impacts on endangered species which might result from construction of the proposed improvements. No effect on endangered species is expected due to this project.

2.6 DIRECT AND INDIRECT IMPACTS

Negative environmental impacts which may be expected during a project of this nature include, but are not necessarily limited to, soil erosion, noise pollution, traffic obstruction, and increased surface runoff due to trench dewatering operations. However, such impacts are temporary and will not significantly affect the environment over the long term.

Positive environmental impacts include enhanced human health and safety and more efficient delivery of municipal water. Such impacts are of long-term value to the residents of Onida and Sully County.

2.7 MITIGATION ADVERSE IMPACTS

Adverse impacts will be minimized to the greatest extent possible by the implementation of accepted cautionary measures. Temporary and permanent erosion control will be included in construction contracts. Appropriate permits will be secured prior to the discharge of any trench dewatering or storm waters, and protection of public health, safety and welfare will be incorporated into the specifications and contract documents. Additionally, should any permanent adverse impacts result from the project, mitigating measures will be followed to the satisfaction of the appropriate review agency.

3 EVALUATION OF EXISTING WATER SYSTEM

3.1 GENERAL INFORMATION

The City of Onida currently provides water service to approximately 304 residential and 45 commercial connections within the City. There are 22 residential and five commercial connections outside of the City. In addition, a second meter is used for eight residential and three commercial connections which are primarily used for gardens and agriculture. Therefore, the total water connections amount to 387. Figure 3.1 shows the existing water distribution system. The City purchases its water from Mid Dakota Rural Water (MDRW). The most recent Drinking Water Quality Report is presented in Appendix B. The water system was inspected by the South Dakota Department of Environment and Natural Resources (SD DENR) in August 2012. A copy of the water system evaluation is included in Appendix C.

The rural water point of connection is on the northwest side of the City. The City of Onida has a 50,000-gallon elevated steel water tank. This elevated tank provides the water pressure and storage for the City of Onida. The elevated tank fills directly from the connection to MDRW.

The City of Onida maintains the use of one non-potable well. This well pumps to a 26,000-gallon underground concrete tank near the City Shop which is no longer used in the distribution system. The concrete tank is filled automatically by the well. The non-potable water is generally used for filling fire trucks, spraying roads, etc.

3.2 WATER DEMAND

To evaluate the City of Onida's potential to meet the needs of the future, a review of past water usage records was completed. The process used to estimate future water demand included a determination of the current average per capita demand. Records of water usage from January 2009 through May 2013 were available and utilized to create Table 3.1.

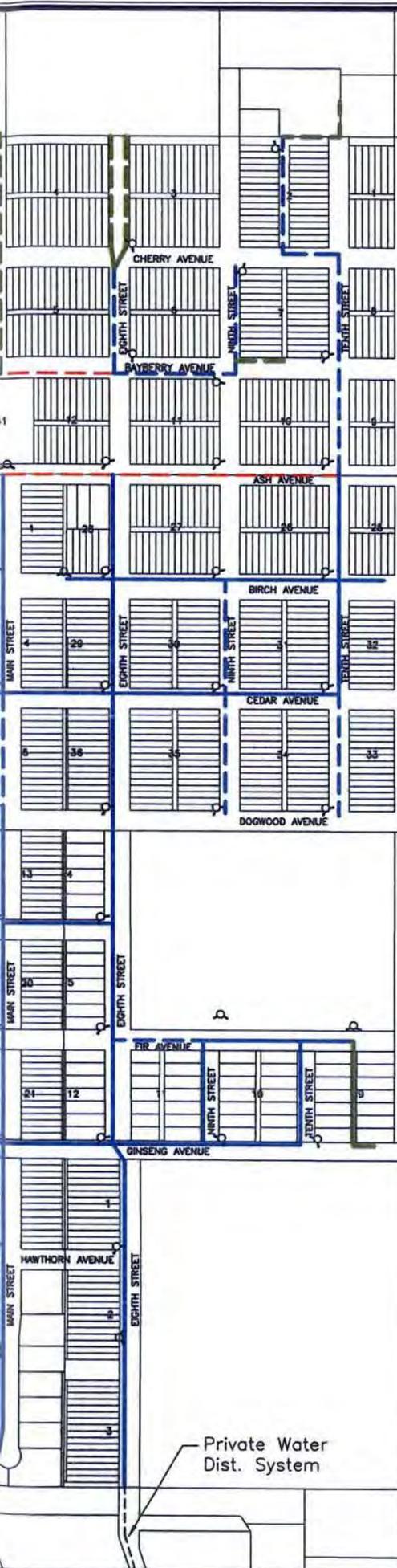


SPN
 & Associates

Engineers - Planners - Surveyors

2100 North Sanborn Boulevard - P.O. Box 398
 Mitchell, South Dakota - Zip 57301-0398
 Phone: (605) 996-7761 - Fax: (605) 996-0015

Figure 3.1: Existing Water Distribution System



Legend

	8-Inch AC
	6-Inch PVC
	6-Inch AC
	2-or 4-Inch PVC
	2-or 4-Inch AC
	Fire Hydrant

Plan Horiz. Scale:	1" = 600'
Drawn By:	TLV
Checked By:	CAHOFER
Date:	11/1/2013
Project No.:	13979
Computer Name:	
File Name:	

Project Name:
**City of
 Onida
 Water
 Study**
 Located in:
**Onida,
 South Dakota**

Sheet Name:
**City of Onida
 Water Map**

Sheet Number:	Total Sheets:
9	53

Table 3.1: Water Use Records

Month	2009				
	Purchased (Gal)	Billed (Gal)	Unacc. for %	Purchased (gpcpd)	Precip. (in)
January	2,236,000	1,635,540	27%	102	0.23
February	2,071,000	1,169,577	44%	104	0.94
March	1,822,000	1,287,710	29%	83	1.12
April	2,173,000	1,502,332	31%	102	1.96
May	3,470,000	2,515,260	28%	158	0.8
June	4,741,000	3,473,720	27%	223	2.23
July	4,215,000	4,322,360	-3%	192	2.07
August	4,143,000	2,846,870	31%	189	3.78
September	3,915,000	3,277,180	16%	184	0.71
October	1,960,000	1,770,188	10%	89	4.18
November	2,070,000	1,666,520	19%	97	0.14
December	2,097,000	1,733,540	17%	96	0.41
Total	34,913,000	27,200,797			18.57
Average Day	95,652	88,891			
Average (gpcpd)	135	126			
Average Unacc %		23.0%			

Month	2010				
	Purchased (Gal)	Billed (Gal)	Unacc. for %	Purchased (gpcpd)	Precip. (in)
January	1,679,000	1,393,130	17%	76	0.21
February	1,513,000	1,227,347	19%	76	0.52
March	1,529,000	1,458,310	5%	70	1.31
April	2,029,000	1,778,070	12%	96	2.54
May	2,529,000	1,991,330	21%	115	3.72
June	3,402,000	3,258,154	4%	160	4.35
July	4,664,000	3,580,862	23%	213	2.95
August	4,636,000	3,477,334	25%	211	0.83
September	2,855,000	3,040,709	-7%	134	2.89
October	2,805,000	2,861,102	-2%	128	0.89
November	2,183,000	1,481,390	32%	103	0.15
December	1,877,000	1,755,490	6%	86	0.28
Total	31,701,000	27,303,228			20.64
Average Day	86,852	74,803			
Average (gpcpd)	123	106			
Average Unacc %		13.1%			

Table 3.1, Continued

Month	2011				
	Purchased (Gal)	Billed (Gal)	Unacc. for %	Purchased (gpcpd)	Precip. (in)
January	1,824,000	1,310,264	28%	83	0.49
February	2,029,000	1,273,196	37%	102	0.29
March	1,624,000	1,549,783	5%	74	0.01
April	2,110,000	1,824,445	14%	99	0.16
May	2,697,000	2,211,390	18%	123	3.24
June	3,823,000	3,406,034	11%	180	8.31
July	3,720,000	2,927,930	21%	169	3.41
August	4,888,000	4,051,138	17%	223	1.94
September	3,661,000	2,860,520	22%	172	1.05
October	3,284,000	2,570,830	22%	150	1.32
November	2,416,000	1,889,151	22%	114	0.08
December	1,913,000	1,411,980	26%	87	0.02
Total	33,989,000	27,286,661			20.32
Average Day	93,121	74,758			
Average (gpcpd)	132	106			
Average Unacc %		20.2%			

Month	2012				
	Purchased (Gal)	Billed (Gal)	Unacc. for %	Purchased (gpcpd)	Precip. (in)
January	2,084,000	1,529,350	27%	95	0.25
February	1,764,000	1,369,600	22%	86	0.59
March	1,907,000	1,350,990	29%	87	0.08
April	2,923,000	1,942,070	34%	138	3.15
May	3,874,000	3,726,600	4%	177	2.04
June	4,465,000	3,243,070	27%	210	1.92
July	6,567,000	5,236,730	20%	299	0.68
August	5,870,000	4,568,800	22%	267	0.33
September	5,164,000	3,418,495	34%	243	0
October	3,108,000	3,713,915	-19%	142	0.35
November	2,216,000	1,599,130	28%	104	0.22
December	2,031,000	1,810,160	11%	93	0.27
Total	41,973,000	33,508,910			9.88
Average Day	114,680	91,554			
Average (gpcpd)	162	129			
Average Unacc %		19.9%			

Table 3.1, Continued

Month	2013				
	Purchased (Gal)	Billed (Gal)	Unacc. for %	Purchased (gpcpd)	Precip. (in)
January	1,683,000	1,527,380	9%	77	0.54
February	1,369,000	1,171,160	14%	69	0.23
March	1,662,000	1,173,630	29%	76	0.07
April	1,796,000	1,543,700	14%	85	0.93
May	2,740,000	2,633,380	4%	125	4.17
June	3,901,000				
July					
August					
September	4,086,000				
October	2,076,000				
November	1,854,000				
December	1,884,000				
Total	23,051,000	8,049,250			
Average Day	76,837	52,956			
Average (gpcpd)	109	75			
Average Unacc %		14.2%			

Average Water Purchased Per Year =	35,644,000 Gal
Average Water Billed Per Year =	28,824,899 Gal
Average Per Capita Usage (Based on Purchased Water) =	132.0 gpcpd
Average Per Capita Usage (Based on Billed Water) =	108.2 gpcpd
Average Percentage of Unaccounted-for Water =	19.1%
Maximum Purchased per Month =	6,567,000 Gal
Average Day Purchased =	93,428 Gal
Average Day Billed =	76,593 Gal

The sources and methods used to develop the information presented in Table 3.1 are described by the following:

- The volume of water purchased from MDRW is based on meter records provided by the City of Onida.
- The quantity of water billed to the users of the system per month is based on meter records provided by the City of Onida.
- The percentage of unaccounted-for water is calculated by the ratio of the difference in water purchased and water billed to the water purchased.
- Monthly precipitation data was obtained from the National Climatic Data Center from the nearest station which is the Pierre Station.

- The per capita per day water usage for each month is calculated by dividing the total water purchased by the total population equivalent and the days per month.
- The average daily water purchased and billed for each year was calculated by dividing the sum of the water for each month by the days in that period.
- The per capita per day usage for each year is calculated by dividing the annual average day water purchased by the total population equivalent.
- The percentage of unaccounted-for water per year is calculated by dividing the difference between the total purchased and total billed by the total billed amount.

Based on the available water records presented in Table 3.1 the maximum water purchase occurred during July 2012 with a per capita water production of 299 gallons per capita per day (gpcpd). August 2012 has the next highest water purchase rate at 267 gpcpd. It should be noted that above-average precipitation during the summer months typically lessens the increase in water usage just as below-normal precipitation typically magnifies the increase in water usage. The average per capita water volume purchased for the period of record was determined to be approximately 132 gpcpd. This slightly exceeds the generally accepted range of 100 to 125 gpcpd typical for smaller communities in South Dakota. One reason for the relatively high water purchase rate is the water loss which is discussed next.

3.2.1 Water Loss

An analysis of the water usage data over the period of record from 2009 through 2012 indicates that the City of Onida purchased an average of approximately 35.6 million gallons per year (mgy). Of this amount, approximately 28.8 mgy were billed or accounted for through household, business or city meters. This indicates a loss rate of 19.1 percent.

The typical reasons for losses in the system are leaks, slow or malfunctioning meters, fire fighting and water used at non-metered locations. The identified non-metered uses in the system are fire hydrant flushing, fire flows and other typical minor uses. These water uses are important; however, the water should be metered where feasible. Most of the

residential water meters are approximately 14 years old. The City is unable to acquire parts for these meters. The meters are manually read from a remote dial on the outside of the building. Old water meters can cause water loss by failing to register the entire flow that is delivered.

When considering the expense of purchasing water, the financial loss of water that is unaccounted for becomes apparent. As a result, it is important that unaccounted-for water loss be limited to a level less than the generally accepted loss of 12 percent. This would allow the City to purchase approximately 2.4 million gallons [(19.1% loss - 12% loss) x 93,500 gpd average use x 365 days per year] less water per year. The City pays \$0.45 per 1,000 gallons. Therefore, the estimated savings by reducing the water loss rate to 12% would amount to approximately \$1,080 annually.

3.3 PROJECTION OF WATER DEMAND

Future water demand projections are the basis for establishing the water distribution system capacity and storage. These projections are based on historical data of per capita water flows and population projections to determine peak day and peak hour demands to ensure that the system is capable of meeting the future demands of the City. As shown in Section 2.3 the population of Onida is assumed to have stabilized. For this reason the current total population equivalent of 708 is used for determining the future water demands.

To meet the peak day water usage that may occur in the future, a peaking factor is determined. Small cities usually have a maximum day peaking factor of 2.0 to 3.0 times the annual average day usage (Mays, 2000). Our experiences have shown that cities the size of Onida have a peaking factor that ranges from 2 to 3.5, which is greater than typically published values because the demand characteristics of a small town have larger variations than the more steady demand of larger cities.

Daily water records for water usage are available from Mid Dakota Rural Water (MDRW) from January 2009 through March 2014. **The peak day use amounted to**

291,000 gpd. The average day demand is found to be 93,500 gpd (132 gpcpd x 708 people). The peak day demand is 3.11 times the average day demand which is typical for communities the size of Onida.

3.4 COMMERCIAL WATER USE EVALUATION

The DENR has requested that we evaluate the use of water by commercial activities. The commercial water use was tabulated by the Finance Officer and is summarized in Table 3.4. An average of 21 percent of the water was used commercially. During the peak flow months of July and August the average commercial use was found to be approximately 20 percent. Therefore, the majority of the water used even during peak use is residential.

Table 3.2: Evaluation of Commercial Water Use

Month	2009			2010			2011		
	Total Water, gal	Commercial Use, gal	% of Commercial Use, gal	Total Water, gal	Commercial Use, gal	% of Commercial Use, gal	Total Water, gal	Commercial Use, gal	% of Commercial Use, gal
January	2,236,000	130,620	5.8%	1,679,000	124,720	7.4%	1,824,000	133,220	7.3%
February	2,071,000	104,300	5.0%	1,513,000	123,007	8.1%	2,029,000	137,670	6.8%
March	1,822,000	102,490	5.6%	1,529,000	189,280	12.4%	1,624,000	154,580	9.5%
April	2,173,000	14,902	0.7%	2,029,000	524,370	25.8%	2,110,000	409,270	19.4%
May	3,470,000	813,870	23.5%	2,529,000	749,490	29.6%	2,697,000	849,770	31.5%
June	4,741,000	729,080	15.4%	3,402,000	1,366,550	40.2%	3,823,000	1,436,590	37.6%
July	4,215,000	1,127,690	26.8%	4,664,000	795,130	17.0%	3,720,000	990,100	26.6%
August	4,143,000	682,530	16.5%	4,636,000	765,570	16.5%	4,888,000	1,068,920	21.9%
September	3,915,000	818,300	20.9%	2,855,000	703,410	24.6%	3,661,000	800,800	21.9%
October	1,960,000	209,790	10.7%	2,805,000	1,430,920	51.0%	3,284,000	919,410	28.0%
November	2,070,000	342,410	16.5%	2,183,000	158,520	7.3%	2,416,000	347,900	14.4%
December	2,097,000	168,930	8.1%	1,877,000	270,250	14.4%	1,913,000	167,520	8.8%
Totals	34,913,000	5,244,912	15.0%	31,701,000	7,201,217	22.7%	33,989,000	7,415,750	21.8%

Month	2012			2013		
	Total Water, gal	Commercial Use, gal	% of Commercial Use, gal	Total Water, gal	Commercial Use, gal	% of Commercial Use, gal
January	2,084,000	346,550	16.6%	1,683,000	251,740	15.0%
February	1,764,000	145,960	8.3%	1,369,000	131,180	9.6%
March	1,907,000	234,460	12.3%	1,662,000	130,940	7.9%
April	2,923,000	524,830	18.0%	1,796,000	369,330	20.6%
May	3,874,000	1,640,950	42.4%	2,740,000	681,460	24.9%
June	4,465,000	1,156,240	25.9%	3,901,000	1,032,860	26.5%
July	6,567,000	1,205,970	18.4%		1,117,730	
August	5,870,000	752,200	12.8%		582,820	
September	5,164,000	329,930	6.4%	4,086,000	291,460	7.1%
October	3,108,000	1,518,250	48.8%	2,076,000	1,193,680	57.5%
November	2,216,000	216,920	9.8%	1,854,000	232,530	12.5%
December	2,031,000	535,910	26.4%	1,884,000	448,050	23.8%
Totals	41,973,000	8,608,170	20.5%	23,051,000	6,463,780	28.0%

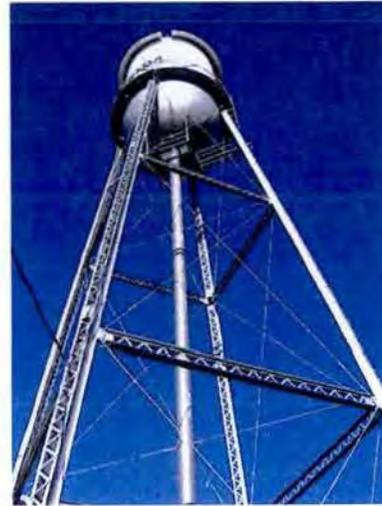
3.5 WATER SOURCE

The City began using rural water in 1997. The contract with MDRW is to supply water at a maximum rate of 170 gpm or 244,800 gallons over a 24-hour period. This is less than the estimated peak day demand of 291,000 gpd. MDRW has indicated that the current contracted amount cannot be increased significantly on a guaranteed basis. The capacity of the MDRW system is 194 gpm which is 279,400 gpd over a 24-hour period. This capacity is slightly lower than the estimated peak day demand. Currently, the purchase of the water costs the City a minimum monthly charge of \$11,611, a monthly demand charge of \$13,452 and a water rate of \$0.45 per thousand gallons delivered.

3.6 STORAGE

The City currently has a 50,000-gallon multi-legged elevated water storage reservoir connected to the distribution system. Water from MDRW is supplied directly into the distribution system to fill the water tower. According to the Utility Manager, the water tower is usually filled to approximately three feet below the overflow elevation. This only provides a usable storage of approximately 33,500 gallons. Since MDRW cannot supply the peak day demand, the City has had trouble with the water tower level dropping rapidly during high demand periods. The Utility Manager has had to restrict water usage during these high-use periods to avoid completely draining the water tower.

Views of the water tower are shown in the following figure. The City periodically hires a specialist to clean and inspect the water tower. The last inspection was completed by Maguire Iron on August 28, 2013. The age of the water tower is unknown but it is assumed that the tower was constructed sometime around the 1930's. The water tower requires OSHA upgrades that are typical of this age of tank. These required upgrades include new ladders with safety climb systems that meet current standards, higher handrails, and enclosures that allow safe climbing. There are structural members inside the water tower that were used for construction which have degraded and should be removed.



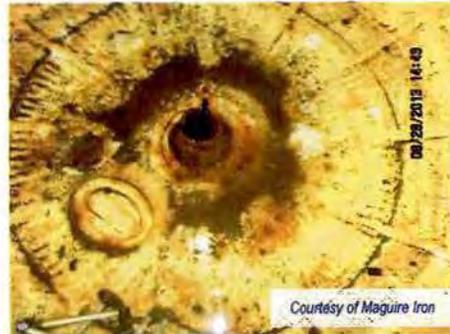
Rural Water Meter Pit



Exterior of Roof



Balcony of Tank



Floor Inside Tank



Poor Condition of Water Tower Footing



Interior of Roof

Figure 3.2, Continued: Existing Water Tower Photographs

The interior and exterior coatings are in an acceptable condition for their age; however, the surfaces are due to be recoated. These coatings should be completely sandblasted and reapplied to extend the life of the structure. The concrete footings on which the water tower legs are attached are severely spalling.

Water storage establishes the pressure for the distribution system; provides a means for equalizing operating pressures during high demand periods; provides emergency storage to temporarily offset the effects of downtime for pump repairs, pipeline repairs and power outages; and provides water for fire protection.

There is not a defined method for determining the volume of elevated storage for water distribution systems. Standards such as the Ten State Standards say that if fire flow is to be provided, the flow guidelines established by the International Standards Organization (ISO) should be met. Thus, at 2,000 gpm, a two-hour fire event requires 240,000 gallons for the downtown area. The City's current storage capacity of 50,000 gallons is not considered adequate for fire protection.

Equalization and emergency storage are the other factors in determining the volume of water required or desired. Equalization storage is required to supply the varying demands throughout each day. Figure 3.3 illustrates a typical variation of water demand over a peak day. During those times that the water usage is shown to be over 100 percent of the supply rate, the system's storage must provide the additional water to meet the demands. Storage for equalization with a constant rural water supply typically ranges from 10 to 25 percent of the peak day water demand (Mays 2000). The higher end of the range is for communities with high ratios of average day to peak day water usage. Since the selected peak day to average day ratio for Onida is on the high side of the typical range of 2.0 to 3.5, the value of 25 percent is selected for the desired equalization storage. The projected peak day water demand is 291,000 gallons which results in an equalization storage volume of approximately 72,800 gallons.

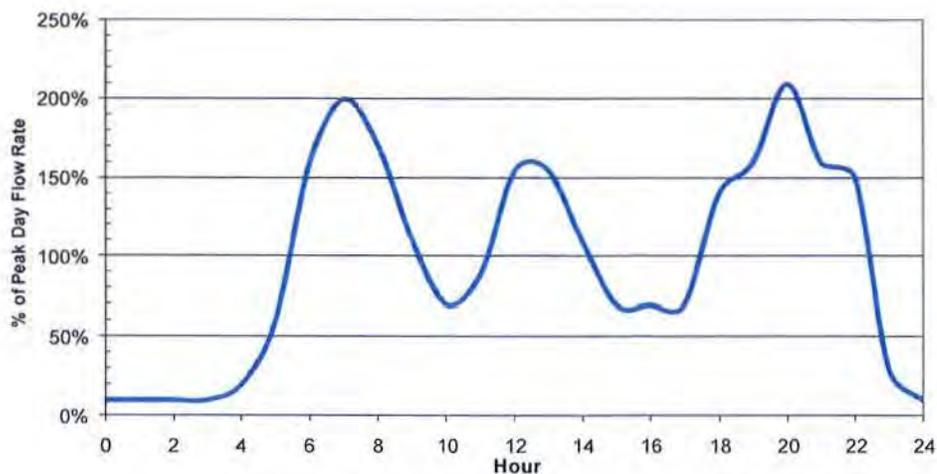


Figure 3.3: Water Demand Pattern Used in Model

Emergency storage is essentially the storage that a community feels comfortable with based on the reliability of the power supply and its water system in general. Emergency storage equal to the average day usage is commonly used for the emergency storage volume and is utilized in this report. The current average day water demand is 93,500 gpd.

The total required water storage for a community is generally considered to be the equalization storage plus the larger of fire or emergency storage (Mays 2000). The total storage generally considered as needed for Onida would then be 312,800 gallons (72,800 + 240,000). However, funding agencies currently do not consider fire protection an eligible expense. Therefore, the total water storage evaluated for this report is the emergency storage plus the equalization storage. The desired total storage of at least 166,300 gallons (93,500 + 72,800) is recommended. The current available storage is 50,000 gallons and is not adequate to meet the recommended storage requirements.

Although the above evaluation of the water storage is based on current design practice, an alternate criterion that is generally approved by reviewing authorities and funding agencies is to provide water storage equal to the peak day demand. The peak day water demand is estimated to be 291,000 gpd. This sizing methodology again indicates that storage is inadequate.

3.7 DISTRIBUTION SYSTEM

According to available information the several types and sizes of water main used throughout the distribution system is shown previously in Figure 3.1. The approximate total length of each size and type of pipe in the water distribution system is listed below.

<u>Diameter</u>	<u>Type</u>	<u>Length</u>
2-inch	Asbestos cement pipe (ACP)	1,677 feet
4-inch	ACP	1,346
6-inch	ACP	11,017
8-inch	ACP	6,043
4-inch	Polyvinyl Chloride (PVC) pipe	1,291
6-inch	PVC pipe	<u>19,473</u>
	Total	40,847

Approximately 49 percent of the main-line portion of the distribution system piping, which is composed of pipe two inches in diameter or larger, is composed of ACP. The ACP has generally outlived its useful life and may begin to break more frequently because the pipe generally becomes more brittle over time. The Utility Manager has indicated that the frequency of water main breaks has not been a serious issue at this time. However, that is expected to change as the pipe ages.

The Environmental Protection Agency (EPA) indicates that the asbestos in the ACP is a fibrous material with high tensile strength. The asbestos was added to cement products as reinforcement to strengthen the material. The decay or cracking of this cement mixture allows asbestos to enter the drinking water. The EPA also states that asbestos may cause an increased risk of such health problems as developing benign intestinal polyps, lung disease, lung cancer, asbestosis (a respiratory disease) and mesothelioma (a form of cancer).

Onida's distribution system currently has approximately 17 dead ends on various sizes of lines. Fire hydrants are located at four of these dead ends. Fire hydrants allow the lines to be properly flushed to maintain water quality. Without looping and multi-directional flow of water in the distribution system, water is supplied, for the most part, through a long single pipeline. In this type of distribution system, total water usage decreases the closer one gets toward the ends of the lines. This results in decreased movement of water in the pipe and the

possibility of exceptionally long retention times of the water in various segments of the pipe. Long retention times in a pipe can have a detrimental effect on the quality of the water in the pipe such as:

- A decrease in the disinfection levels in the water;
- An increase in the potential for the formation of carcinogenic disinfection process by-products; and
- An increased potential for the formation of biological growth.

3.7.1 Hydrants and Valves

The SD Department of Environment and Natural Resources (SD DENR), which is the state regulatory agency for public water supplies, requires that fire hydrants be served by water mains with a minimum diameter of six inches. There are no known fire hydrants that are served by four-inch lines or smaller. Figure 3.1 shows the current sizes of the City's distribution system based on available information. Based on information provided by the City there are approximately 57 fire hydrants. All of the fire hydrants are in working condition except that many do not drain.

The Utility Manager estimates that at least 90 percent of the total of approximately 80 main-line water valves require replacement. The failure of the valves is due to the severe build-up of scale inside the valve and typical corrosion of bolts, nuts and operating parts of the valves. Additional valves are desired by the City to maintain water service to the users of the system when portions of the system are taken offline due to maintenance or pipe repair. The specific locations of the desired valves have not been identified at this time.

3.7.2 Hydraulic Evaluation

A hydraulic evaluation of the water system was conducted using the KY Pipe 2012 hydraulic computer model. This model utilizes the Hazen-Williams formula and commonly accepted friction factors for the pipeline material being considered to calculate head loss due to pipe friction and resulting flows and pressures. Two types of hydraulic analyses were performed with the KY Pipe 2012 hydraulic program to evaluate the City of Onida's distribution system. The first type is a general system analysis which provides a snapshot of the system at the set parameters. The second type is a fire flow analysis which predicts the fire flow

from selected fire hydrants. All analyses were utilized to obtain a representation of the existing distribution system and to allow accurate recommendations to be made that will improve the existing conditions.

Any hydraulic evaluation can find the existing water system to be inadequate by simply making the requirements very stringent. In the same manner, generally all systems are adequate to meet the average day demands. Deficiencies in a system are typically not apparent until system demands increase to provide the peak day or peak hour flows. The reason for this is that the flow rate in a pipeline significantly affects the downstream pressures. The friction loss, or the pressure loss, in a pipe is a function of the square of the velocity. Therefore, as the flow rate and corresponding velocity in a pipe increase, the resulting friction increases exponentially. As the flow rate increases above two feet per second, the corresponding friction loss begins to climb rapidly with a velocity of three feet per second generally considered the maximum desired velocity. As a result, it is common practice to evaluate the overall system deficiencies in a distribution system based on peak hour and peak day flows.

It should be noted at this point that the hydraulic modeling provided is theoretical. Data was used from records collected in 2009 when the fire hydrants were tested for flow and pressure throughout the City. The hydraulic model was calibrated to these actual measured conditions. However, the hydraulic model should not be considered completely accurate due to the complex variables involved in the calculations. The exact age or internal surface condition of the water mains is unknown which introduces a degree of error since the pipeline capacity is directly related to its interior roughness which is also related to its age.

3.7.3 Modeled Flow Rates

The total water demand for the City is modeled by distributing demands throughout the water distribution model to simulate the metered connections. Two sets of modeled system demands are created to place different loading conditions on the model:

➤ Peak Hour Demand

Mays states that the peak hour to average day flow ratio typically ranges from 2.0 to 7.0:1. It is our opinion that the peak hour to average day ratio should be modeled as 6.53. This number was calculated by multiplying the highest usage in Figure 3.3 of 210 percent by the estimated peak day to average day ratio of 3.11. Therefore, the total modeled peak hour flow rate is estimated to be 423 gpm (708 people x 132 gpcpd x 6.53 / 1440 minutes per day). This flow will be utilized in the general analysis with the water tower set at mid-level to evaluate the distribution system's hydraulic capacity to maintain adequate water pressure during this high-use period.

The water use demand is placed on the hydraulic model in two categories for this application. First, the point demands associated with the higher use sites are placed on the model individually. These demands are for relatively large water users that use more than a typical residential connection. Second, the residential demands are placed throughout the model based on the density of housing and other connections.

➤ Peak Day Demand

The peak day demand in the models was set to approximately 291,000 gpd (708 people x 132 gpcpd x 3.11) or 202 gpm based on the estimated water use projection discussed previously. The large point demands and residential demands are reduced accordingly.

3.7.4 Pressure Analysis

To check the water system for low-pressure problems, hydraulic models are created using the following assumptions:

- The peak hour demand is placed on the model according to Section 3.6.3.
- The operating elevation of the water tower is set to the mid-tank level.
- The rural water supply is off so the water tower supplies all of the water demand.

The SD DENR Recommended Design Criteria states in Section 8.4.2:

"A water distribution system shall be designed so as to provide a pressure of 20 pounds per square inch at each service outlet or connection under any or all conditions or demands that can be placed



Figure 3.4: Peak Hour Pressures and Pipe Velocities

Figure 3.4 shows in blue the expected pipeline velocities during peak flow. The highest velocity is 2.8 feet per second in the pipe that leads from the water tower. The next highest velocity is 1.9 feet per second and is in the pipeline from the water tower toward Ash Avenue. These velocities are considered high but are within the recommended range.

3.7.5 Fire Flow Simulation

In order to check the water system for low fire flow problems, hydraulic models are created using the following assumptions:

- The peak day demand is placed on the model according to Section 3.6.3.
- The operating level of the water tower is set to the mid-tank level.
- The rural water supply is off so the water tower supplies all of the water demand.
- The minimum residual pressure is set at 20 psi. The fire flow is limited to what flow the system can deliver while maintaining a minimum of 20 psi.

Main pipelines are to deliver the needed fire flow to each hydrant in accordance with the ISO guidelines. The ISO guidelines are based on a number of variables including size of structure, construction material, occupancy, exposure and connections to other structures.

For one- and two-family dwellings not exceeding two stories in height, the following needed fire flows are required:

<u>Distance Between Buildings</u>	<u>Fire Flow Requirement</u>
Over 100 feet	500 gpm
31 to 100 feet	750 gpm
11 to 30 feet	1,000 gpm
10 feet or less	1,500 gpm

As for the business district, the needed fire flow would be variable for each structure, depending on construction and materials. For complete accuracy an inspection and analysis of each structure would be required. Rather than performing these inspections and analyses, a minimum needed fire flow of 2,000 gpm is assumed for business and school areas.

The fire flows that are estimated from the model are shown in Figure 3.5. As can be seen, some areas are served by fire flows that are less than the minimum required by ISO. The lowest fire flow shown is 430 gpm. The low fire flows are due to pipe age and roughness which creates friction when water flows through the pipe. Also a factor of consideration is the pipe sizes which limit fire flow.



Figure 3.5: Fire Flow Analysis under Peak Day Demand

3.8 FUTURE CONDITIONS

Information related to project need and the planning area is found in Section 3.1 of this report. Specific information on population projections is found in Section 2.3. Land use is not expected to change significantly in the immediate vicinity of the City. There is some land available for future development and based on the past growth of the community, it is viewed as sufficient to meet community needs.

Due to the importance of conserving water, money and energy, various means for reducing water usage are recommended. By using faucet aerators, reduced flush toilets, and limited flow showerheads water use can be reduced.

4 DEVELOPMENT AND EVALUATION OF ALTERNATIVES

4.1 GENERAL

The alternatives developed for the City of Onida were composed to demonstrate options available to fix the identified deficiencies in the water system.

4.2 CAUTIONARY NOTES CONCERNING COST ESTIMATES

The opinions of probable cost provided with the following alternatives reflect the anticipated costs for administration, engineering design, construction, contingencies, construction observation, and other costs related to completion of the project. The costs as presented are based on an analysis and comparison of projects of similar size and scope. The actual construction and project costs will vary on an individual project basis. The actual bid cost will reflect the bidder's evaluation of construction problems, weather, soils and difficulty of work. Thus, the engineer cannot be held responsible for the accuracy of the estimates made in this report as the engineer has no control over the contractors' bid costs.

Changes in materials, equipment and energy costs, as well as availability of other construction work at the time of the bid opening, could substantially influence actual project cost. Construction costs will also vary somewhat based on the quantity of items necessary to construct the project. The quantities and costs contained in this report are preliminary estimates based on our best judgment without field measurements. Final quantities and opinions of probable cost and final construction costs must be based upon final design.

Different funding sources have different requirements for some non-construction items. Therefore, actual costs of non-construction items should be considered tentative at this time and subject to later modifications and adjustments as current situations and funding sources dictate. Further, inasmuch as the period of construction cannot be accurately predicted, the costs as presented in this report have not been adjusted to reflect projected inflation factors. Therefore, it is important that the estimate of costs as presented be reviewed and updated periodically to reflect construction cost trends.

4.3 EQUIVALENT UNIFORM ANNUAL COST

The equivalent uniform annual cost (EUAC) not only takes the capital costs into account when evaluating the options but also looks at the salvage value of the components and the expected annual operation and maintenance costs. The result is a comparison of the alternatives on an overall basis throughout a design life of 20 years. The EUAC is eliminated from consideration since the proposed improvements presented subsequently offer one viable alternative for each set of improvements.

4.4 WATER METER IMPROVEMENTS

4.4.1 Water Meter Alternative 1: Do Nothing

Most of the residential water meters are approximately 14 years old and are not able to be repaired because parts are no longer available. The City desires to upgrade to a radio read system to improve accuracy and reduce labor costs. The perceived water loss by failing to register the entire flow that is delivered would be reduced with new water meters. For these reasons the "Do Nothing" Alternative is not recommended.

4.4.2 Water Meter Alternative 2: New Meters with Read System

New meters are proposed in this alternative with installation of related equipment. New water meters will help the City to more accurately monitor water sales and evaluate possible water losses. Older meters tend to under-read the flow passing through them which contributes to the overall water loss rate. In addition, the new reading system will make meter reading and billing easier. The cost of new meters, an automatic meter reading system and other associated items are presented in Table 4.1.

Table 4.1: Estimated Cost for Water Meter System

Item	Description	Quantity	Unit Price	Total Cost
1	Mobilization	1 LS	\$11,000.00	\$11,000.00
2	Furnish 5/8" Meter Setter	10 EA	\$175.00	\$1,750.00
3	Furnish 5/8" Water Meter	355 EA	\$130.00	\$46,150.00
4	Furnish 1" Water Meter	34 EA	\$200.00	\$6,800.00
5	Furnish 2" Water Meter	9 EA	\$700.00	\$6,300.00
6	Furnish Water Meter Transmitter	398 EA	\$140.00	\$55,720.00
7	Furnish Fixed Network Radio Read System and Appurtenances	1 LS	\$35,750.00	\$35,750.00
8	4-Year Maintenance and Software Plan	1 LS	\$7,200.00	\$7,200.00
9	Install 5/8" Meter Setter	10 EA	\$100.00	\$1,000.00
10	Install 5/8" Water Meter	349 EA	\$60.00	\$20,940.00
11	Install 1" Water Meter	30 EA	\$100.00	\$3,000.00
12	Install 2" Water Meter	8 EA	\$150.00	\$1,200.00
13	Install Meter Transmitter	387 EA	\$75.00	\$29,025.00
14	Install Fixed Network Radio Read System and Appurtenances	1 LS	\$15,000.00	\$15,000.00
Subtotal				\$240,835.00
Contingencies				\$24,100.00
Total Construction Cost				\$264,935.00
Legal and Administration Cost				\$10,600.00
Design Engineering				\$15,000.00
Bidding Phase Engineering				\$4,000.00
Construction Engineering				\$15,000.00
Total Project Cost				\$309,535.00

4.5 WATER STORAGE IMPROVEMENTS

4.5.1 Water Storage Alternative 1: Do Nothing

The water tower is in need of OSHA upgrades to its entry, ventilation and safety systems. In general the water tower has exceeded its useful life expectancy and should be replaced. The water tower is too small to meet the needs of Onida. The rural water supply can only guarantee the current contracted amount of 244,800 gpd which is less than the peak day

demand of 291,000 gpd. During peak demand the water tower can be drained if careful restrictions are not imposed. Since doing nothing would not address these issues, this is not recommended.

4.5.2 Water Storage Alternative 2: New Water Tower

This alternative considers a new water tower which would be installed in the same general area as the existing water tower. The minimum recommended volume for storage is 166,300. Due to the limited rural water supply rate, the relatively high water usage per capita in Onida, and the relatively high peak day factor, the sizing of the water tower is recommended not to be less than the recommended minimum storage volume. The next typical size above the minimum recommended volume is 200,000 gallons. The costs are presented in Table 4.2 and include the typical costs of the construction of a new water tower. New hydraulic models are shown in Figures 4.1 and 4.2 for the new water tower which will have a proposed overflow approximately 20 feet higher to improve pressures and flow.

Table 4.2: Estimated Cost for Water Tower

Item	Description	Quantity	Unit Cost	Total Cost
1	Mobilization	1 LS	\$80,000.00	\$80,000.00
2	200,000-Gallon Water Tower and Appurtenances	1 LS	\$725,000.00	\$730,000.00
3	10" PVC Water Main	500 LF	\$40.00	\$20,000.00
4	Control Room in Base of Water Tower	1 LS	\$10,000.00	\$10,000.00
5	Demolition of Existing Water Tower	1 LS	\$25,000.00	\$25,000.00
6	Site Work and Surfacing	1 LS	\$4,000.00	\$4,000.00
7	Seeding and Erosion Control	1 LS	\$2,000.00	\$2,000.00
Subtotal				\$871,000.00
Contingencies (10%)				\$87,100.00
Construction Total				\$958,100.00
Design Engineering				\$50,000.00
Geotechnical Engineering				\$5,000.00
Bidding and Contract Documents				\$5,000.00
Construction Engineering				\$60,000.00
Administration & Legal				\$29,000.00
Total Project Cost				\$1,107,100.00



Figure 4.1: Proposed Pressures and Velocities

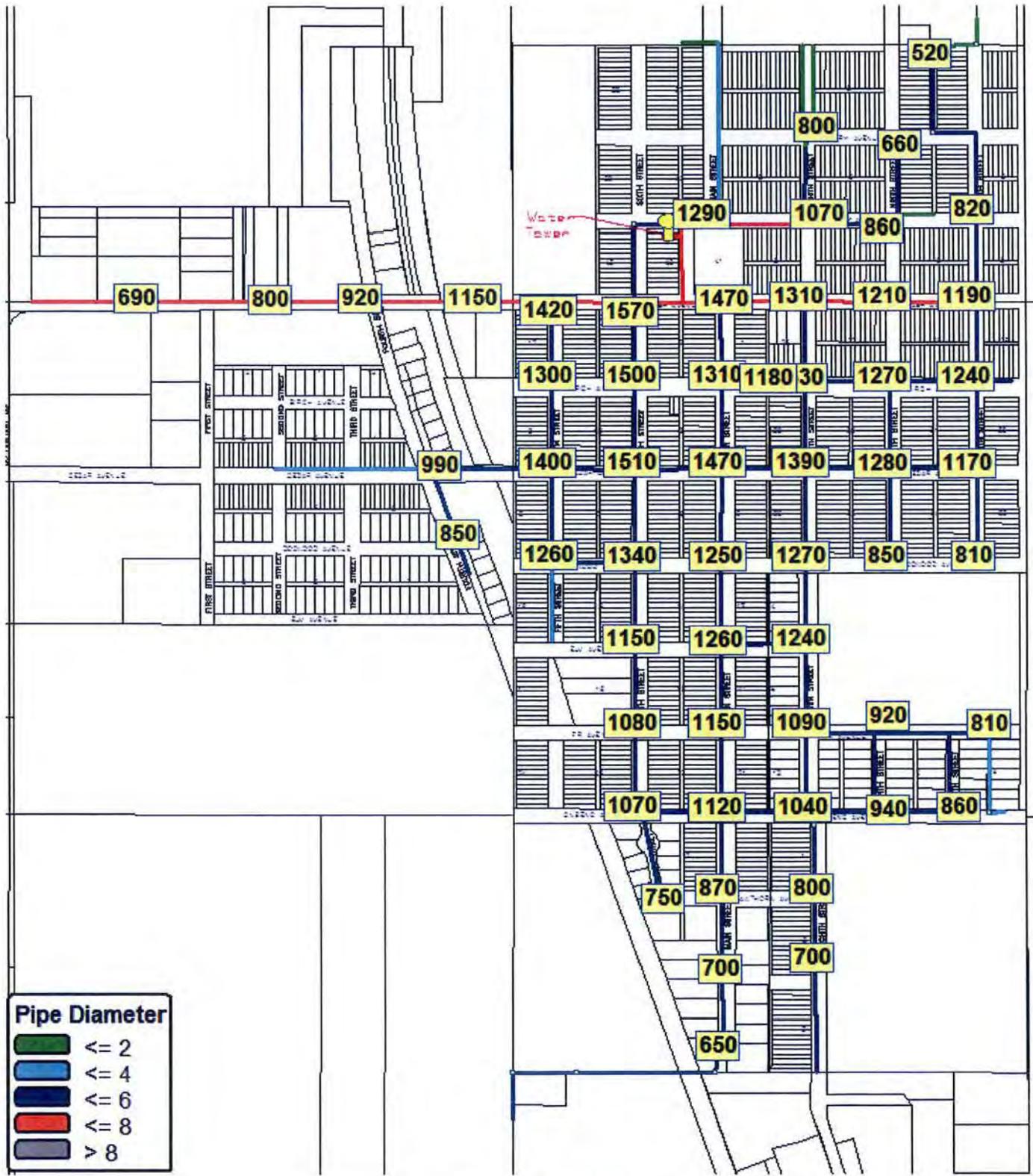


Figure 4.2: Proposed Fire Flows

4.5.3 Water Storage Alternative 3: Ground Storage with Booster Station

This alternative evaluates the use of a ground storage tank instead of a water tower. Typical ground storage cannot provide a pressurized supply. As a result, ground storage is often referred to as dead storage because pumping is required to use the storage. Because MDRW can provide a pressurized service to fill a water tower, a ground storage tank is not the recommended storage type for Onida. Ground storage tanks are more economical than elevated storage tanks. However, the construction cost of a pumping facility and the annual pumping cost make this alternative not cost beneficial. Therefore, no further consideration is given to this alternative.

4.6 WATER DISTRIBUTION IMPROVEMENTS

The identified deficiencies of the water distribution system are summarized below:

- The average water loss rate calculated is 19.1 percent. Approximately \$1,080 could be saved per year if the loss rate was reduced to 12 percent.
- Approximately 49 percent of the main-line distribution system piping two inches in diameter or larger is composed of ACP. There are known health risks when using ACP pipe due to the asbestos fibers. In addition, the ACP is expected to break more frequently as it ages.
- There are approximately 17 dead ends when considering the portion of the system made up of piping with four-inch diameter or larger. These dead ends should be looped if possible.
- Approximately 13 of the dead ends do not have a fire hydrant that can be used for flushing.
- Most of the main-line water valves are not working. The City also desires more valves to allow portions of the system to be isolated during repair.
- Many of the fire hydrants do not drain properly.
- Estimated fire flows are lower than those desired for insurance and fire-fighting purposes.

4.6.1 Water Distribution Alternative 1: Do Nothing

The first alternative for water distribution system improvements is to do nothing. This alternative will not address any of the above identified deficiencies. As a result, the “Do Nothing” alternative is not considered as an acceptable alternative.

4.6.2 Water Distribution Phase 1: Looping, Hydrants and Valves

The purpose of this evaluation is to eliminate dead-end pipelines where practical. Table 4.3 shows the estimated costs associated with the proposed improvements. The pipes highlighted in yellow in Figure 4.3 are considered in the cost estimate for this evaluation. New six-inch PVC water main is proposed for the project. The loop piping shown eliminates entirely 10 of the dead ends. Major portions of five of the dead ends are also eliminated. The remaining portions of the five dead ends and two other dead ends are not realistically able to be looped due to the location within the system. Fire hydrants are proposed for these remaining dead ends for flushing purposes. Six additional fire hydrants are also proposed for areas where fire hydrant coverage is inadequate. In addition, the valves on existing PVC pipe will be replaced to allow smaller portions of the distribution system to be isolated during emergencies. The valves on the ACP would be replaced as part of the next phase.

As shown in Figure 4.4, the pressures are not improved significantly. However, the benefit from improving water quality is important. The fire flows shown in Figure 4.5 are improved. The lowest fire flow shown in the model for the main-line portion of the system is increased by 400 gpm from that shown for the existing system.

4.6.2.1 Leak Detection Survey

As part of Phase 1, a leak detection survey is proposed. The expected cost of this work amounts to approximately \$6,000. A professional firm would be hired to provide leak detection services that would include the following tasks: survey all main-line and water supply service pipes for leaks with a listening device placed on structures such as fire hydrants and valves to sense the sound made by leaks; locate leaks and provide the locations to a City representative; estimate the flow rate of each leak; and create a detailed report of the findings of the survey and submit it to the City.

Table 4.3: Estimated Cost for Looping, Hydrants and Valves

Item	Description	Quantity		Unit Price	Total Cost
1	Mobilization	1	LS	\$32,800.00	\$32,800.00
2	Full Depth Asphalt or Blotter Saw Cut	1,200	LF	\$3.00	\$3,600.00
3	Remove and Dispose of Asphalt or Blotter	1,750	SY	\$3.50	\$6,125.00
4	Full Depth Concrete Saw Cut	60	LF	\$10.00	\$600.00
5	Remove and Replace Curb and Gutter	150	LF	\$40.00	\$6,000.00
6	6" PVC Water Main	4,700	LF	\$30.00	\$141,000.00
7	Encased Highway Water Main Crossing	70	LF	\$150.00	\$10,500.00
8	Fire Hydrant	13	EA	\$3,300.00	\$42,900.00
9	Fire Hydrant Lead	260	LF	\$30.00	\$7,800.00
10	8" Gate Valve w/Box	7	EA	\$1,600.00	\$11,200.00
11	6" Gate Valve w/Box	18	EA	\$1,200.00	\$21,600.00
12	Miscellaneous Fittings and Connections	1	LS	\$58,700.00	\$58,700.00
13	Asphalt Surface Patching	30	TN	\$140.00	\$4,200.00
14	Blotter Surface Patching	1,600	SY	\$9.50	\$15,200.00
15	Gravel Base Course or Surfacing	2,500	TN	\$24.00	\$60,000.00
16	Traffic Control	1	LS	\$15,000.00	\$15,000.00
17	Erosion and Siltation Control Measures	1	LS	\$2,000.00	\$2,000.00
18	Topsoil, Seed, Fertilize & Mulch	6,900	SY	\$1.00	\$6,900.00
Subtotal					\$446,125.00
Valves					
19	Mobilization	1	LS	\$16,900.00	\$16,900.00
20	Full Depth Asphalt or Blotter Saw Cut	2,640	LF	\$3.00	\$7,920.00
21	Remove and Dispose of Asphalt or Blotter	1,100	SY	\$3.50	\$3,850.00
22	Excavation and Backfilling	44	EA	\$300.00	\$13,200.00
23	Remove and Dispose of Valve	39	EA	\$150.00	\$5,850.00
24	6" Gate Valve w/Box	44	EA	\$1,200.00	\$52,800.00
25	Connect to Existing Water Main	88	EA	\$1,000.00	\$88,000.00
26	Blotter Surface Patching	1,100	SY	\$9.50	\$10,450.00
27	Gravel Base Course or Surfacing	760	TN	\$24.00	\$18,240.00
28	Traffic Control	1	LS	\$10,000.00	\$10,000.00
Subtotal					\$227,210.00
Subtotal Construction Cost					\$673,335.00
Contingencies					\$67,300.00
Total Construction Cost					\$740,635.00
Legal and Administration Cost					\$15,000.00
Design Engineering					\$47,000.00
Bidding Phase Engineering					\$6,000.00
Construction Engineering					\$71,000.00
Total Project Cost					\$879,635.00



Figure 4.3: Proposed Pipeline Looping Locations Shown Yellow

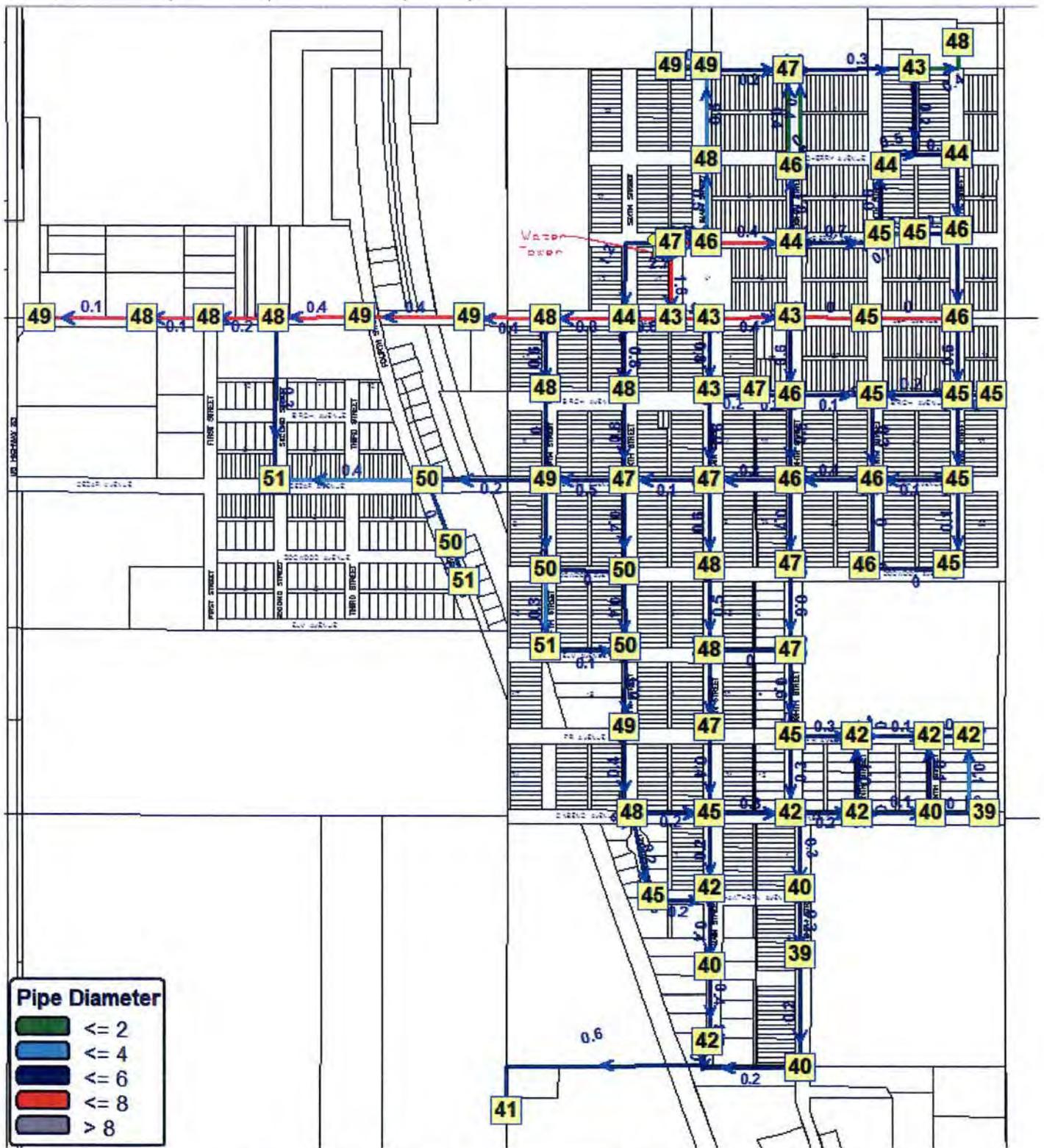


Figure 4.4: Proposed Pressures and Velocities



Figure 4.5: Proposed Fire Flows

4.6.3 Water Distribution Phase 2: Replace the ACP

This evaluation considers the replacement of the ACP with PVC pipe. The proposed project includes the replacement of the valves that are currently on the ACP. The cost estimate for the proposed improvements is shown in Table 4.4. The pipe to be replaced is shown highlighted in yellow in Figure 4.6. As discussed previously the ACP is old, brittle and tends to break more frequently. In addition, there are health risks associated with using ACP.

The proposed PVC pipe will increase the pressures and fire flow as shown in the following figures. It is also assumed that the replacement of the pipe will help reduce the amount of water losses in the system.

Table 4.4: Estimated Cost for ACP Replacement

Item	Description	Quantity		Unit Price	Total Cost
1	Mobilization	1	LS	\$183,400.00	\$183,400.00
2	Full Depth Asphalt Saw Cut	18,300	LF	\$3.00	\$54,900.00
3	Remove and Dispose of Asphalt or Blotter	29,500	SY	\$3.50	\$103,250.00
4	Full Depth Concrete Saw Cut	212	LF	\$10.00	\$2,120.00
5	Remove and Replace Curb and Gutter	530	LF	\$40.00	\$21,200.00
6	Remove and Dispose of Fire Hydrant	36	EA	\$250.00	\$9,000.00
7	Remove and Dispose of Valve	33	EA	\$150.00	\$4,950.00
8	10" PVC Water Main	380	LF	\$40.00	\$15,200.00
9	8" PVC Water Main	5,700	LF	\$34.00	\$193,800.00
10	6" PVC Water Main	13,610	LF	\$30.00	\$408,300.00
11	Encased Railroad Water Main Crossing	100	LF	\$150.00	\$15,000.00
12	Fire Hydrant	43	EA	\$3,300.00	\$141,900.00
13	Fire Hydrant Lead	860	LF	\$30.00	\$25,800.00
14	10" Gate Valve w/Box	2	LF	\$2,000.00	\$4,000.00
15	8" Gate Valve w/Box	12	LF	\$1,600.00	\$19,200.00
16	6" Gate Valve w/Box	26	EA	\$1,200.00	\$31,200.00
17	Miscellaneous Fittings and Connections	1	LS	\$118,300.00	\$118,300.00
18	2" PE Service Line	100	LF	\$30.00	\$3,000.00
19	1" PE Service Line	6,270	LF	\$27.00	\$169,290.00
20	8"x2" Corp Stop/Service Saddle	2	EA	\$450.00	\$900.00
21	6"x2" Corp Stop/Service Saddle	1	EA	\$400.00	\$400.00
22	8"x1" Corp Stop/Service Saddle	40	EA	\$300.00	\$12,000.00
23	6"x1" Corp Stop/Service Saddle	150	EA	\$250.00	\$37,500.00
24	2" Curb Stop w/Box	3	EA	\$500.00	\$1,500.00
25	1" Curb Stop w/Box	190	EA	\$275.00	\$52,250.00
26	Asphalt Surface Patching	850	TN	\$130.00	\$110,500.00
27	Blotter Surface Patching	24,600	SY	\$9.50	\$233,700.00
28	Gravel Base Course or Surfacing	21,200	TN	\$24.00	\$508,800.00
29	Traffic Control	1	LS	\$20,000.00	\$20,000.00
30	Erosion and Siltation Control Measures	1	LS	\$3,000.00	\$3,000.00
31	Topsoil, Seed, Fertilize & Mulch	32,200	SY	\$0.80	\$25,760.00
Subtotal					\$2,530,120.00
Contingencies					\$253,000.00
Total Construction Cost					\$2,783,120.00
Legal and Administration Cost					\$56,000.00
Design Engineering					\$145,000.00
Bidding Phase Engineering					\$6,000.00
Construction Engineering					\$218,000.00
Total Project Cost					\$3,208,120.00

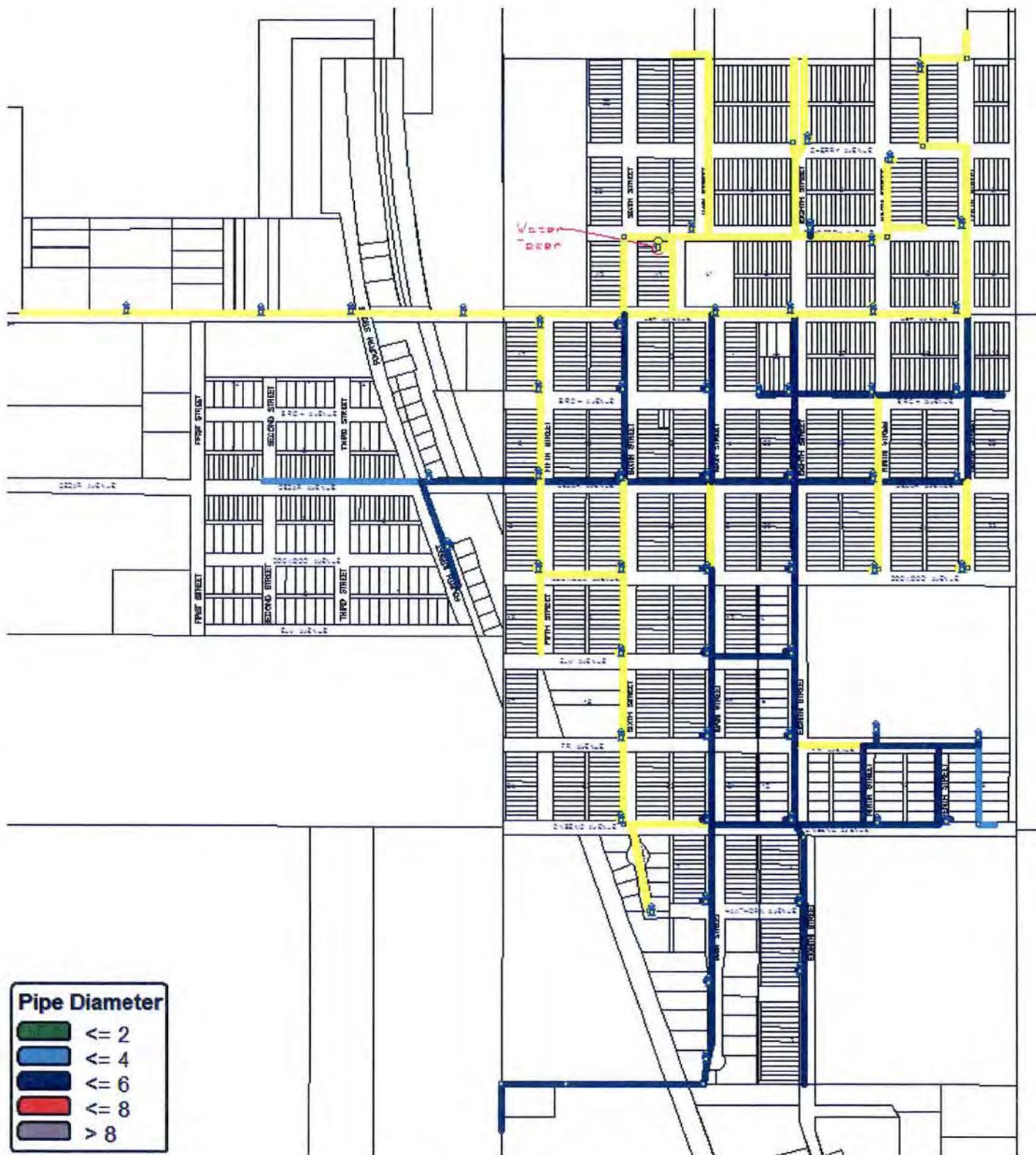


Figure 4.6: Pipe to Be Replaced

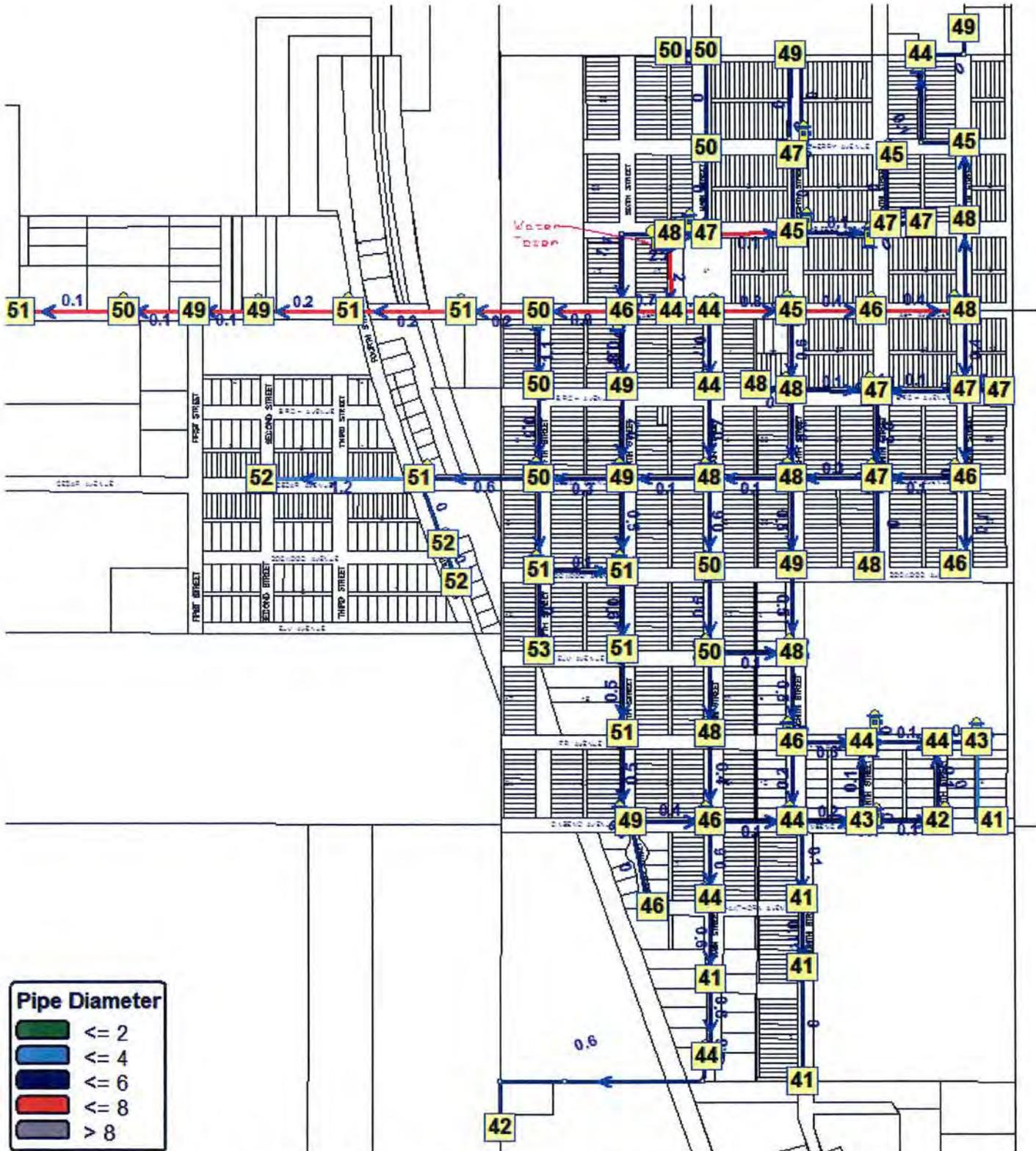


Figure 4.7: Proposed Pressures and Velocities



Figure 4.8: Proposed Fire Flows

5 SELECTION OF ALTERNATIVES

A summary of the total project costs for each of the improvement alternatives discussed in Section 4 is presented below. The recommended improvements are also tabulated in Table 5.1 and discussed below.

Table 5.1: Summary of Costs

<u>Improvement Options</u>	<u>Cost</u>	<u>Recommended</u>
Water Meter Alternative 2: New Meters with Read System	\$309,535.00	\$309,535.00
Water Storage Alternative 2: New Water Tower	\$1,107,100.00	\$1,107,100.00
Water Distribution Phase 1: Looping, Hydrants and Valves	\$879,635.00	\$879,635.00
Water Distribution Phase 1: Leak Detection Survey	\$6,000.00	\$6,000.00
Water Distribution Phase 2: Replace ACP	\$3,208,120.00	
		<hr/> \$2,302,270.00

5.1 WATER METER IMPROVEMENTS

Water Meter Alternative 2 (New Meters with Read System) is recommended to provide each metered connection with a reliable and accurate water meter. The meter replacements overall are expected to reduce the apparent water loss which is partially due to older water meters. The meter reading system will reduce labor costs by automating the system using technology to read meters, record meter records and create billing data. City's with this type of meter reading system have been able to catch leaks in homes which, if left alone, would cause severe damage.

5.2 WATER STORAGE

Water Storage Alternative 2 (New Water Tower) is recommended because the current storage is inadequate and is in need of replacement. The new water tower will allow the City to provide an adequate supply of water to the residents.

5.3 WATER DISTRIBUTION

Water Distribution Phase 1 (Looping, Hydrants and Valves) is recommended to improve on the water quality issues that are currently present due to the dead ends. The added fire hydrants and valves will improve on the operational capability of the distribution system. The looped water main will also improve fire flows. The leak detection survey is recommended to provide an accurate accounting of the water leaks throughout the distribution system. The leak detection survey has the potential to identify water loss that contributes to a significant loss in revenue

Water Distribution Phase 2 (Replace the ACP) is recommended as funding becomes available. The City should make plans to implement this project as soon as practical. The replacement of the ACP is important to improve the water quality issues and health risks from the use of ACP. The proposed work would replace the pipe that typically has an increasing frequency of water main breaks. If Phase 2 was implemented with Phase 1, the City could save approximately \$200,000 by eliminating much of the extra work associated with placing the extra main line water valves in Phase 1. However, the size of the entire project is most likely too costly for the City to achieve all at once.

5.4 DEMONSTRATION OF FINANCIAL CAPABILITY

As part of the cost analysis of the recommended improvements, the City's ability to pay for the projects is evaluated. The total costs of the improvements are listed in Table 5.1. For the purpose of this financial evaluation, the total cost of the improvements is assumed to be eligible for a low interest loan from the State Revolving Fund Program. This, however, is subject to change due to decisions that must be made by the appropriate funding agencies. Data used in this financial evaluation assumes that Onida would qualify for a loan with a 20-year loan period and an interest rate of 3.0 percent.

Table 5.2 summarizes the financial data that was supplied by the City Finance Officer and is used to determine the proposed operational surplus or deficit of the water fund. The revenues generated from user fees for 2013 are listed in Table 5.2. The estimated project costs are increased by an inflation factor of three percent.

The current water fee schedule is based on water usage. The schedule of water fees indicates a charge of \$24.20 for 5,000 gallons of water use per month for residential and commercial use. The water fee for out-of-town water use amounts to \$27.20 for 5,000 gallons of water use per month. To qualify for funding the minimum water fee must be \$25 for 5,000 gallons of water use per month.

The revenue for the budget year 2014 is expected to remain approximately the same. The operation and maintenance costs for the Water Fund are based on actual costs from 2013. These costs include water purchase, salaries and all costs incurred during the year. The general expenses are not changed for 2014. The short-lived asset replacement includes annual costs set aside for recoating the water tower in the future.

The proposed improvements are expected to cause an insignificant change to the annual costs of operation and maintenance. However, the improvements are expected to reduce the water loss rate. This water loss rate reduction is included in Table 5.2 as cost savings in water purchases for the budget year of 2014.

The budget analysis indicates that the current revenue is not enough to maintain a surplus when paying on a loan for this project. The required increase in user fees will depend on the actual financing that is available. Because the financing supplied by various funding agencies is unknown at this time, multiple columns of budget information are shown in Table 5.3 based on varying grant percentages.

Table 5.2: Operation of the Water Fund

	2013 Fund	2014 Budget
Total Cost of Improvements + 3% Inflation		\$2,371,338
Revenue from User Fees	+ \$152,000	+ \$152,000
Current O & M Cost - Expenses	- \$128,000	- \$126,935
Short-Lived Asset Replacement	- \$9,600	- \$9,600
Current Principal and Interest Payments	- \$0	- \$0
Retirement of Debt Incurred with This Project	- \$0	- \$159,391
Debt Reserves (10% of Loan Payment)	- \$0	- \$15,940
Remaining Surplus	\$14,400	-\$159,866
Increase of User Fee		\$34.50
Number of Accounts		387
Added Revenue		\$160,218
Surplus After Increase in User Fee		\$352
Current Water Fee	\$24.20	\$24.20
New Water Fee		\$58.70

Table 5.3: Water Rate Analysis

	0/100 loan/grant	25/75 loan/grant	50/50 loan/grant	75/25 loan/grant	100/0 loan/grant
Annual O & M	\$126,935	\$126,935	\$126,935	\$126,935	\$126,935
Amount Amortized	\$0	\$592,835	\$1,185,669	\$1,778,504	\$2,371,338
Grant Amount	\$2,371,338	\$1,778,504	\$1,185,669	\$592,835	\$0
Annual Payment	\$0	\$39,848	\$79,696	\$119,543	\$159,391
Debt Reserves	\$0	\$3,985	\$7,970	\$11,954	\$15,939
Current Debt/Asset/Other Cost	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600
Total Annual Costs	\$136,535	\$180,368	\$224,200	\$268,033	\$311,865
Annual Revenue at Current Rate	\$152,000	\$152,000	\$152,000	\$152,000	\$152,000
Surplus/Deficit After Project	\$15,465	-\$28,368	-\$72,200	-\$116,033	-\$159,865
Rate Increase Due to Project	\$0.00	\$6.25	\$15.75	\$25.00	\$34.50
New Water Rate	\$24.20	\$30.45	\$39.95	\$49.20	\$58.70

5.5 CAPITAL FINANCING PLAN

The City of Onida will make applications to state and federal resources for loan and grant assistance to complete the project during the upcoming construction season.

5.6 ENVIRONMENTAL EVALUATION

The City of Onida has requested comments from concerned federal agencies. The correspondence related to these inquiries will be placed in Appendix A upon receipt.

5.7 VIEWS OF THE PUBLIC AND CONCERNED INTEREST GROUPS

The findings of this report will be presented to the City Council. The City will conduct a public hearing on the proposed project to meet the requirements of any applicable funding agency. Information related to the hearing will be available upon request after the completion.

5.8 DESIGN OF SELECTED PLAN

The design of the improvements to the water system will provide enhanced flexibility in operation and will be designed in accordance with the SD DENR design criteria and the accepted principles and standards for the design of the water distribution system and water storage system.

5.9 ENVIRONMENTAL IMPACTS OF SELECTED PLAN

Environmental information gathered thus far does not indicate that any state or federal agencies will have environmental concerns related to the project or its proposed construction.

5.10 ARRANGEMENT FOR IMPLEMENTATION

This report provides information to describe the proposed project and to support the decision to proceed with the improvements as quickly as possible. Final design will be completed by the City's consultant and approved by the DENR. Cost estimates have been prepared and are referenced elsewhere in this document. The project will be bid in accordance with state statutes that govern municipal corporations and will be constructed by the lowest responsible bidder.

The anticipated schedule for the progression of the project is as follows:

Task	Date
Facility Plan Submitted to Funding Agencies	Feb-2014
Environmental Review Completed	Mar-2014
Funding Agency Approval of Facility Plan	Mar-2014
Submit State Water Plan Application	May-2014
Submit Funding Application	Jul-2014
Final Funding Package Complete	Sep-2014
Begin Design	Oct-2014
Plans & Specifications Submitted to DENR	Jan-2015
Plans & Specifications Approved by DENR	Feb-2015
Advertisement for Bids	Feb-2015
Open Bids	Mar-2015
Award Bids	Mar-2015
Begin Construction	Apr-2015
Construction Complete	Apr-2016
Project Close-out	May-2016

5.11 LAND ACQUISITION

Land acquisition is not expected for the proposed improvements discussed in this report.

5.12 INTERAGENCY AGREEMENTS

No operating agreements with other agencies are needed as the City of Onida owns, operates and maintains its municipal water system. Loan documents will have to be executed with the appropriate lender but as Onida is a municipal corporation, it has the legal authority to enter into such agreements. Onida's attorney will advise the Council on any legal matters related to this issue.

6 REFERENCES

Committee of Great Lakes – Upper Missouri River Council of State Public Health and Environmental Managers, (1997). Recommended Standards for Water Works (Albany, NY: Health Education Services), pp.

Mays, Larry W., (2000). Water Distribution Systems Handbook, (New York, NY: McGraw Hill), pp.

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Appendix A

**Environmental Assessment
Correspondence**



Appendix B

Drinking Water Quality Report

Instructions for Report Delivery and Recordkeeping

RECEIVED

MAR 14 2013

Drinking Water Program

The City of Onida public water system must distribute the report and the Department of Environment and Natural Resources must receive a copy of your report no later than July 1, 2013.

Your community water system qualifies for a waiver. Rather than distribute a copy of the report to each of your customers, you should do the following:

- 1. Publish the Drinking Water Report annually in one or more local newspapers serving the areas in which the your customers are located.*
- 2. Inform your customers that the report will not be mailed either in the newspapers in which the reports are published or by other means approved by DENR.*
- 3. Make copies of the Drinking Water Report available upon request.*

A good faith effort must be made to reach all of your consumers. Your water system must make the report available upon request and keep it on file for three years. The Department of Environment and Natural Resources must receive a copy of your report no later than July 1, 2013. Complete the following form and return it to us after you distribute the drinking water report to your customers.

2012 Annual Drinking Water Report Certification of Distribution City of Onida

I certify that the information contained in the drinking water report for the City of Onida is true and correct based upon my best information, knowledge, or belief and that the report has been distributed as required and a good faith effort has been made to reach all consumers. The City of Onida public water system has returned a copy of the drinking water report to the Department of Environment and Natural Resources and will make the report available upon request for three years.



Signature of Authorized Representative

3-12-13

Date

I have checked the accuracy of the Drinking Water Report sent by DENR and have determined that it is complete and accurate. I am using DENR's report to distribute to my customers, therefore I am not required to return a copy to DENR.

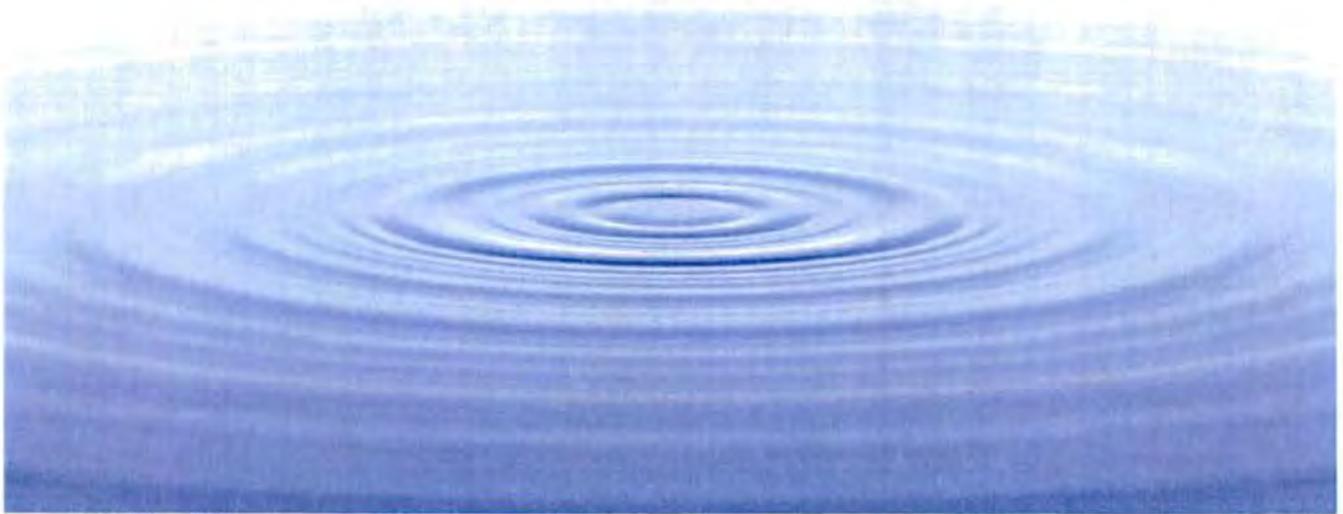
EPA ID No: 0233

You can contact us by calling
(605)258-2231 or write us at
PO Box 72
Onida SD 57564-0072

City of Onida

2012 Drinking Water Report

It's your tap water!



EPA ID: 0233



Water Quality

Last year, the City of Onida monitored your drinking water for possible contaminants. This brochure is a snapshot of the quality of the water that we provided last year. Included are details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies.

Water Source

We serve more than 658 customers an average of 72,000 gallons of water per day. Our water is surface water that we purchase from another water system. The state has performed an assessment of our source water and they have determined that the relative susceptibility rating for the Onida public water supply system is low.

For more information about your water and information on opportunities to participate in public meetings, call (605)258-2231 and ask for Rondha Hiller.

Additional Information

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- *Radioactive contaminants*, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants can be obtained by calling the Environment Protection Agency's Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Onida public water supply system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Detected Contaminants

The attached table lists all the drinking water contaminants that we detected during the 2012 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1 – December 31, 2012. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

The City of Onida public water system purchases water from Mid-Dakota Rural Water (2175).

2012 Table of Detected Contaminants For Onida (EPA ID 0233)

Terms and abbreviations used in this table:

* Maximum Contaminant Level Goal(MCLG): the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

* Maximum Contaminant Level(MCL): the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

* Action Level(AL): the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow. For Lead and Copper, 90% of the samples must be below the AL.

* Treatment Technique(TT): A required process intended to reduce the level of a contaminant in drinking water. For turbidity, 95% of samples must be less than 0.3 NTU

Units:

*MFL: million fibers per liter

*pCi/l: picocuries per liter(a measure of radioactivity)

*ppt: parts per trillion, or nanograms per liter

*mrem/year: millirems per year(a measure of radiation absorbed by the body)

*ppm: parts per million, or milligrams per liter(mg/l)

*ppq: parts per quadrillion, or picograms per liter

*NTU: Nephelometric Turbidity Units

*ppb: parts per billion, or micrograms per liter(ug/l)

*pspm: positive samples per month

Substance	90% Level	Test Sites > Action Level	Date Tested	Highest Level Allowed (AL)	Ideal Goal	Units	Major Source of Contaminant
Copper	0.6	0	09/17/11	AL=1.3	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	2	0	09/30/11	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

Substance	Highest Level Detected	Range	Date Tested	Highest Level Allowed (MCL)	Ideal Goal (MCLG)	Units	Major Source of Contaminant
Antimony *	0.2		03/17/10	6	6	ppb	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Arsenic *	2		03/17/10	10	NA	ppb	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium *	0.036		03/17/10	2	2	ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Chromium *	2.8		03/17/10	100	100	ppb	Discharge from steel and pulp mills; erosion of natural deposits.
Fluoride *	1.16	0.93 - 1.16	10/09/12	4	4	ppm	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
Haloacetic Acids *	51.3	42.5 - 51.3	05/14/12	60	0	ppb	By-product of drinking water chlorination.
Nitrate (as Nitrogen) *	0.2		03/01/12	10	10	ppm	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Selenium *	1.4		03/17/10	50	50	ppb	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.
Total trihalomethanes *	70.9	57.5 - 70.9	08/16/12	80	0	ppb	By-product of drinking water chlorination.

Please direct questions regarding this information to Mr Tim Jost with the Onida public water system at (605)258-2231.

* Mid-Dakota Rural Water (2175) test result.

Appendix C

SD DENR Water System Evaluation



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

September 18, 2012

Re: Onida (EPA ID# 0233)

THE HONORABLE GARY WICKERSHAM
CITY OF ONIDA
PO BOX 72
ONIDA SD 57564

Dear Mayor Wickersham:

The Department of Environment and Natural Resources (DENR) performed an on site evaluation of your drinking water system August 29, 2012. Based on the information obtained during that visit, we have some recommendations and requirements to assist you with maintaining compliance with regulations, improving operations and providing public health protection. The requirements and recommendations are as follows:

REQUIREMENTS FOR ONIDA

1. Gary and Tim both hold the required Class I Water Distribution certificate. We encourage them to continue to attend classes to maintain their certifications. Attendance at classes/training to achieve 15 contact hours every three years is required to maintain their water and wastewater certifications. The classes put on by the South Dakota Association of Rural Water Systems are an opportunity for operators to learn new rules written by EPA, ask questions, learn necessary skills and attain needed contact hours. Contact the South Dakota Rural Water Association at PO Box 287 (203 Center Street West), Madison, SD 57042, 605-556-7219 for information on training classes. For information on the operator certification program contact Rob Kittay with the Drinking Water Program, 523 E. Capitol Avenue, Pierre, SD 57501, 605-773-4208.
2. Potable water that is flushed, discharged or that overflows into a storm sewer that drains to waters of the state is considered a point source discharge and is subject to state regulation. This includes overflows from treatment and storage systems, disinfection and flushing of potable water lines, storage system disinfection and water line breaks and leak repairs. The "Water Treatment Plant General Permit" is specifically designed for this purpose.

The permit application can be accessed and completed online at <http://denr.sd.gov/des/sw/wtpppermit.aspx>. For additional information or to determine if your water system needs or already holds this permit, contact Anthony Mueske with DENR's Surface Water Quality Program at (605) 773-3351 or write the DENR-SWQ, 523 East Capitol Avenue, Pierre, SD 57501-3181.

3. Just as a reminder, the National Primary Drinking Water Regulations require that results of chemical and bacteriological compliance monitoring and all correspondence be kept on file for a defined amount of time. See attached quick reference guide for required record keeping.

RECOMMENDATIONS FOR ONIDA

4. DENR recommends the total chlorine residual of the water be tested and the result recorded a couple of times each week from different locations in the distribution system. A residual of at least 1.5 mg/L should be detectable in your distribution system at all times.
5. The figures provided show a 16.3% water loss which is quite high. We recommend if the loss exceeds 15%, the distribution system be surveyed for leaks, faulty meters and/or other problems which might contribute to that loss percentage and the utility can then begin to repair/replace those contributing factors and lessen the loss percentage.
6. A record of unaccounted for water should be kept. If a large amount of water is unaccounted for, money and water is being wasted. Authorized unmetered accounts such as a fire station or in-house water use (water used to flush mains for instance), add to water loss amounts. Water leaking from the distribution system is the most significant factor in total water loss amounts. The distribution system losses can be from bad valves, holes in water mains and overflow from the reservoirs. Regular inspection and maintenance and a leak detection program can reduce loss from your distribution system.
7. Maintain an accurate logbook concerning operation and maintenance activities relating to the water and water system components. See attached quick reference guide on record keeping.

For technical assistance contact the Department of Environment and Natural Resources' Drinking Water Program at 523 East Capitol, Pierre, SD 57501, (605) 773-3754 or the South Dakota Rural Water Association at PO Box 287 (203 Center Street West), Madison, SD. 57042. (605) 556-7219. The West River office for the South Dakota Rural Water Association is at 1140 N. Main, Suite 5, Spearfish, SD 57783, 605-642-4031.

Representatives of your water system are invited to attend seminars and training courses sponsored by the DENR and the South Dakota Association of Rural Water Systems (SDARWS). Contact the SDARWS at 556-7219 or write them at PO Box 287 (203 Center Street West), Madison, SD. 57042.

Please acknowledge that you have received this report by indicating corrective actions taken. If you have questions or comments concerning the on-site evaluation, please call the Drinking Water Program in Pierre at 773-3754 or 1-800-438-3367.

Sincerely,

Barbara Friedeman

Barbara Friedeman
Drinking Water Program

cc: Tim Jost, Utilities Manager
Rondha Hiller, Finance Officer

South Dakota Department of Environment and Natural Resources
Drinking Water Program
Public Water System On-Site Evaluation Report

System Name: Onida
 Address: PO Box 72
Onida, SD 57564-0072

EPA ID #: 0233

County: Sully

Person Contacted: Tim Jost
 Address: PO Box 72
Onida, SD 57564

Work phone: (605)258-2231
 Home phone: _____
 Cell phone: (605)770-1676
 Fax: _____
 E-mail: cityofonida@venturecomm.net

Inspected By: Barbara Friedeman

Date of Inspection: 8/29/12 (mm/dd/yy)

Type of System: (check one) Community Water System
 Non-Transient Non-Community

Population: Total Population Served: 658 System Population: 658

Number of Service Connections: 377 Susceptibility to contamination of water source: low

Sources of Water:	Water data from year:	<u>2011</u>			
Own Source(s):	<u>NA</u>	Total produced:	<u>NA</u>	% of total:	<u>#VALUE!</u>
Bulk Supplier:	<u>Mid-Dakota Rural Water (2175)</u>	Total purchased:	<u>26,402,000</u>	% of total:	<u>100.0%</u>
	Contracted flow rate?: <u>194 gpm</u>				
		Total Annual Use:	<u>26,402,000</u>		<u>100.0%</u>

Water Sold to: NA
 (bulk connections only)

How much water can this system supply? 194 gpm (maximum flow rate, gpm)
 What major factor limits system's ability to supply water? Too little storage.

- | yes | no | n/a | unk | note | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Is there an up-to-date map or schematic of system? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Is the system capable of meeting demand at all times (excluding fire flow)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Is good housekeeping evident throughout the system? |

Comments: _____

Water Usage

yes no n/a unk note

4 Are all customers metered?

5 If not, what entities are not metered?

6 Total gallons billed: 22099378

7 Calculated water loss: 16.3%

yes no n/a unk note 8 Peak month and amount used Aug-2011 4,888,000 gallons

9 Does the system track unaccounted-for water?

Comments:

Water Sources

City of Onida

EPA ID: 0233

Name	Year Built	Diameter (in)	Depth (ft)	GPM	Status	ID
#2	1958	6	1690	60	Abandoned	2
SUNDANCE	1959	4	2150	300	Abandoned	3
#4-FIRE	1977	6	1900	60	Abandoned	4
MID DAKOTA RWS	1997			194	Permanent	6
#1-FIRE	1932	6	1690	60	Emergency	10

Name	Water Right #	Aquifer	Location Description	ID
#2	390-3A	DAKOTA AQ.		2
SUNDANCE	595-3	SUNDANCE AQ.		3
#4-FIRE	4178-3	DAKOTA AQ.		4
MID DAKOTA RWS			Meter pit by elevated tank.	6
#1-FIRE	390-3A	DAKOTA AQ.	Behind city shop.	10

yes no n/a unk note

- 1 Has a Source Water Protection Plan been developed?
 Date: _____
- 2 Is the wellhead/pumphouse protected from unauthorized personnel?
- 3 Are there any sources of contamination with 1/4 mile?
- 4 Are pesticides, herbicides, fertilizers applied in the area of the well(s)?
- 5 Is a pressure gauge provided at each source?
- 6 Is a sample tap provided for raw water?
- 7 Can flow be measured from each well?
- 8 Is the well house(s) kept clean, in good repair and not used to store hazardous material?

Comments: Standby well exercised twice per year. It is manually turned on and off as needed. The cistern by the city shop stores water from the well and neither is used for drinking.

Storage

City of Onida

EPA ID: 0233

Description	Service Date	Location	ID
50000 gallon Elevated Steel Tank	2009	By city shop.	7

yes no n/a unk note

- | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Is the area surrounding the ground-level storage structures graded in a manner that will prevent surface water from standing within 50 feet? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Do overflows and drains have free fall discharges which are screened and are brought down to an elevation between 12 and 24 inches above the ground? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3 Do the overflows and/or drains discharge to a splash pad or drainage inlet structure that is not connected to a storm or sanitary sewer? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Do the storage reservoirs have a watertight roof or cover and are they sloped so that water will drain? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Are storage structures designed so that they can be isolated from the distribution system without necessitating loss of pressure in the distribution system? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Is leakage evident at the time of inspection? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Are the storage structures vented? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Are vents properly protected/screened? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Are covers and hatches locked? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Is there separate inlet and outlet piping? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Does the drain allow for removal of accumulated silt? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 12 Are there any weather related problems (freezing, etc.)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Is there a control system to maintain level? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14 Are there high and low level alarms? |
| | | | | | 15 Are tanks filled automatically, manually or both? <u>Automatically</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16 Is there a service contract for cleaning/inspecting the tanks? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17 Are the tanks disinfected after being cleaned or inspected? How? |
| | | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 18 Are the storage structures secure from unauthorized access? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19 Is the area fenced? |
| | | | | | 20 What other steps have been taken to address security? |
| | | | | | |
| | | | | | |

Comments: Cistern used with well only and for fire protection. (3)Overflows to ground. (12)Circulation pump in base of tower. (14)Alarm sounds at Mid Dakota. (16)With H&H Tower. (18)Locked and boards cover leg cross members.

Distribution System

City of Onida

EPA ID: 0233

Main sizes and types: 6" and 8" mostly PVC with a little AC.

yes no n/a unk note

- | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Is the water system capable of providing sufficient water during maximum demand conditions (excluding fire flow) to maintain a minimum pressure of 20 psi within the system measured at the consumer's tap? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 What is normal operating pressure? <u>48</u> psi |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Are there areas with chronic low pressure problems? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Is an adequate map (shows valve locations, line sizes, etc) of the distribution system maintained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Is there a main flushing program? If yes, how often? <u>Once/year</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Are all dead-end water mains equipped with a means to flush? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Any plans to eliminate dead-ends (via looping of mains, etc.)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Are valves exercised regularly? If yes, how often? <u>Once/year</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Are there fire hydrants on mains less than 6 inches in diameter? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Does the system disinfect after pipe repairs or new pipe installation? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Is the location and nature of each repair documented? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 Does the system utilize a conservation program at any time? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Is the system adequately protected from freezing? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Are water and sewer mains separated by a horizontal distance of 10 feet or greater? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Is there a cross connection control program? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 16 Are audits conducted to check for cross connections in the system? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17 Are backflow preventers installed on all consumer connections? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 18 Is the bulk water loading station designed with back flow prevention and appropriate air gap device to prevent contamination? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19 Does the system contain any pressure reducing valves? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 20 For systems using chloramines, can you measure a total chlorine residual level of at least 0.5 mg/l in your distribution system at all times? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 21 For systems using chlorine, can you measure a free chlorine residual level of at least 0.3 mg/l in your distribution system at all times? |
| | | | | | 22 How often do you take chlorine readings in the distribution system?
<u>Once per month.</u> |

Comments (please indicate the question number): _____

Monitoring/Reporting - Distribution

City of Onida

EPA ID: 0233

yes no n/a unk note

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1 Are the following sampling site plans up to date?

- Bacteriological
- Lead and copper
- Disinfection By Products (DBP)

2 Are microbiological sampling sites (as approved by DENR) being rotated on a monthly basis for routine sampling?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------

3 Does the system have a waiver for asbestos sampling?

4 Which of the following records are kept regarding the system?

yes no n/a unk note

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Operational Data:

Flow meter readings:

Electrical usage:

Chemical usage:

Hour meter readings:

Storage or reservoir levels:

Sampling data:

- Chlorine residual testing
- Bacteriological sampling
- Fluoride levels
- Asbestos sampling results
- Lead and Copper sampling results
- DBP Monitoring

Other: _____

Maintenance Data:

Water main repairs:

Main flushing dates:

Valve exercising dates:

Equipment service:

Other: Daily activity log

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Testing and Testing Equipment

Test kits present at system: Hach color comparator

yes no n/a unk note

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------

5 Are up to date reagents present?

Tests and frequency performed by operator: Total chlorine residual
tested once per month.

Survey test results: 2.6 ppm total chlorine

Bacteriological Monitoring

Bacteriological sampling and analysis: July 1, 2011 to July 1, 2012

A Samples submitted: 12
 B Samples required: One Sample Each Month.
 C Survey samples: 0
 D Safe samples: 12
 E Unsafe samples: 0
 F Repeat samples: 0

Lead and Copper Monitoring

(These values are calculated from available data. Check correspondence for verification.)

A Date Last Tested: September 30, 2011
 B Samples required: 10
 C Sampling Frequency: Triennially
 D Date Due Next: 2014
 E Lead - 90% Level: 2 Action Level - 15 ug/l
 F Copper 90% Level: 0.61 Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: 07/01/11 to 06/30/12

A Samples taken: 12
 B Samples required: 1/month (same as TCR)
 C Residual measured: Free chlorine: NA mg/L
 Chloramines: X mg/L
 D RAA Residual: 1.95 ppm

Comments: (3)Asbestos waiver good through 2019.

Managerial Capacity

City of Onida

EPA ID: 0233

Certification Level of Water System: Distribution: I Treatment: NA

Certification Levels: Very Small Water System (VSWS) Water Distribution (WD) I - IV
 Small Water Treatment System (SWTS) Water Treatment (WT) I - IV

- | | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|
| yes | no | n/a | unk | note | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Does the water system have a governing body? <u> City Council </u>
(city council, housing association, district, etc.) |
| | | | | | 2 How often does the governing body meet to review water system data?
<u> Once per month </u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Are all personnel that make water quality and quantity decisions certified? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Is an operator certified at the level of the system available at all times? |

Operator Name and Number	Water	Distribution	WW	Collection	Pond	SWTS	VSWS
Tim Jost (2275)		I		I	I		
Gary Schuler (2773)		I			I		

- | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|
| yes | no | n/a | unk | note | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Do you feel you have received adequate training? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Is the number of people adequate to operate the water system? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Do you maintain records to document compliance (up to 10 years)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8 Does the system have a written Emergency Response Plan? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Does the system have operations and/or maintenance manuals? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Do you know what to do in the event of a violation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Have there been any MCL violations or compliance orders for the system in the last 12 months? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 If so, is there a compliance plan? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Is someone responsible for emergency operations, communications and customer relations? Who? <u> Tim or Rondha </u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Are routine operation and maintenance records kept? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Is the system aware of all required sampling for the year? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 16 Does the system have current "as built" engineering drawings of the system facilities? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17 Do you keep records of complaints and the actions taken to address each one? |
| | | | | | 18 How many complaints do you receive on average each year? <u> NA </u> |
| | | | | | 19 What is general nature of complaints (taste, odor, color, pressure)?
<u> NA </u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 20 Has the latest edition of the Consumer Confidence Report been distributed? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 21 Is a copy of the latest Consumer Confidence Report Available? |

22 Have any changes been made since the last survey in the management, operations, personnel, budget, etc?
If so, what? _____

23 Have the recommendations from the previous survey been addressed?

Comments (please indicate the question number): (8) Plan to craft one.

Financial Capacity

City of Onida

EPA ID: 0233

- | yes | no | n/a | unk | note | |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Does the public water system have an annual budget? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Does the water system income exceed operating expenses (including debt service)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Does the water system track budget performance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Does the water system have audited financial statements? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Are water revenues kept in a separate account? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Is some of the water revenue set aside in reserve funds for future capital improvement projects? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Is there a capital improvement long range plan (up to 5 years)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Are the water system rates reviewed on at least an annual basis? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Is there a plan for rate increases? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Is the rate structure based on metered water use?
List rates: <u>See comment section below.</u>
(example: \$22 minimum plus \$1.75/1000 gallons) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Are there procedures in place to handle delinquent accounts? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 Are more than 5% of your customer accounts delinquent? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Are controls available to limit over-expenditures? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Are there purchasing procedures? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Does the system utilize computer software (accounting or otherwise) to maintain its financial records? |

Comments (please indicate the question number): Within city limits it is \$18.50 for the first 3000 gallons. Outside the city limits it is \$21.50 for the first 3000 gallons. In addition, it costs \$2.85 per 1000 gallons between 3,001 and 20,000 gallons and beyond 20,000 gallons it costs \$2.95 per 1000 gallons.

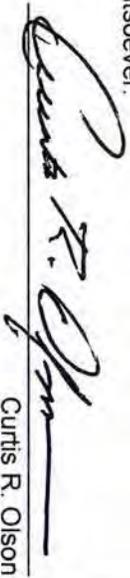
AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)
COUNTY OF SULLY)

Curtis R. Olson of said County and State, being first duly sworn on his oath, says that the **ONIDA WATCHMAN** is a weekly newspaper of general circulation, published in the English language in the City of Onida, in said County and State, by said Curtis R. Olson, and has been admitted to the United States mail under the second class mailing privilege at all times hereinafter mentioned, and that all of said times has had more than 200 bona fide paid subscribers; that I, the undersigned, am the publisher of said newspaper, in charge of the legal/display advertising department thereof, and have personal knowledge of all the facts stated in the affidavit; and that the advertisement headed:

**NOTICE OF PUBLIC HEARING FOR THE
ONIDA WATER PROJECT**

A printed copy of which is hereto attached, was printed and published in said newspaper for **TWO** successive issues, the first publication made **2014** the **5th** day of **JUNE**, and the last publication on **2014** the **12th** day of **JUNE**, and that **\$29.86** being the full amount of the fee for publication of the annexed notice insured solely to the benefit of the publisher of said newspaper; that no arrangements or understanding for a revision thereof has been made with any person, and that no part thereof has been agreed to be paid to any other person whatsoever.


Curtis R. Olson

Subscribed and Sworn to me this

26th Day of June, 2014

(SEAL)

My commission expires April 24, 2016


Notary Public in and for Sully County, South Dakota

**NOTICE OF PUBLIC HEARING
for the
ONIDA WATER PROJECT**

The City of Onida is proposing to undertake water system improvements including a new water tower, new water meters, water distribution improvements and undertake a leak detection survey. The City of Onida is seeking up to \$2,305,000 of funding from the Board of Water and Natural Resources. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Drinking Water State Revolving Fund (SRF) Program. The expected Drinking Water SRF loan terms are 3 percent for 20 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. The amount and source of funds will be determined by the Board of Water and Natural Resources when the application is presented at a scheduled board meeting. The purpose of the public hearing is to discuss the proposed project, the proposed financing, and the source of repayment for the loan. The public is invited to attend and comment on the project.

The public hearing will be held at Phoenix Center/Onida City offices
on June 17, 2014 at 7:30 p.m.



DEPARTMENT OF GAME, FISH, AND PARKS

Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

May 5, 2014

Mr. Camden Hofer
Schmucker, Paul, Nohr & Associates
2100 North Sanborn Blvd
PO Box 398
Mitchell, SD 57301-0398

**RE: Water System Improvements
Onida, South Dakota
SPN #13979**

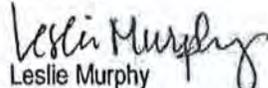
Dear Mr. Hofer:

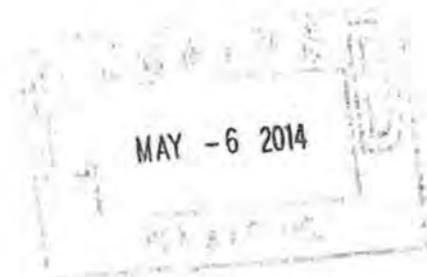
The South Dakota Department of Game, Fish and Parks, Wildlife Division, has reviewed the proposed project involving improvements to the water system in the City of Onida, South Dakota.

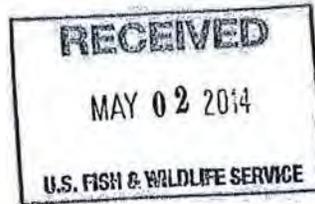
At this time, the project described will have no impacts on fish and wildlife resources. However, if the project design changes or if new information becomes available, please submit the changes for review.

If you have any other questions, please feel free to contact me at 605.773.6208.

Sincerely,


Leslie Murphy
Senior Biologist





Schmucker, Paul, Nohr and Associates
 2100 North Sanborn Blvd – PO Box 398
 Mitchell SD 57301-0398
 Phone (605) 996-7761
 Wats (800) 952-3598
 Fax (605) 996-0015
 www.spn-assoc.com

May 1, 2014

Scott Larson
 US Fish and Wildlife Service
 Suite 400
 420 South Garfield Avenue
 Pierre SD 57501

U.S. Fish & Wildlife Service
 SD ES Field Office
 Project as described will have no significant impact on fish and wildlife resources. It does not involve any federally listed threatened or endangered species or their habitats. If project design changes, please submit plans for review.

5/21/14
 Date

Scott Larson
 Field Supervisor

RE: Water System Improvements
 Onida, South Dakota
 Environmental Assessment – Request for Comments
 SPN #13979

MAY 23 2014

Dear Mr. Larson:

SPN is assisting the City of Onida in gathering information for an environmental assessment on a water system improvement project. Although no funding applications have been completed at this stage of the project planning process, the community is anticipating applying for loans and grants funded by various state and federal agencies. These agencies include, but are not necessarily limited to, the United States Department of Agriculture's Rural Development – Rural Utilities Water and Waste program, the State of South Dakota's State Revolving Loan Program and CDBG funding available through the Small Cities Program that is administered by the State of South Dakota. The proposed project involves the construction of a new water tower, the installation of new water main for looping and the replacement of existing asbestos cement water pipe.

Enclosed is Figure A that indicates the location of Onida. Figure B shows the location of the existing water system. Figure C shows the location of the proposed water mains proposed for looping. Figure D shows the location of the water line replacement project. The proposed water tower will be located in the same vicinity as the existing water tower. All work associated with the water tower and water looping and replacement is planned to be completed on previously disturbed areas in the City's rights-of-way.

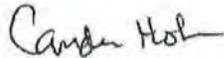
As part of the planning process, it must be determined if the proposed construction will have any significant impact on the environment. The project is located in Sections 2 and 11, Township 114 N, Range 77 W in Sully County.

If your agency has any concern with environmental or permitting issues that may impact the proposed construction, or if you have any technical questions or concerns about the project, please contact me.

Scott Larson
May 1, 2014
Page 2

If comments are not received by June 1, 2014, the City of Onida will assume that your agency will accept a determination of no significant impact and will proceed with the balance of the environmental assessment process at the appropriate stage of project development. No environmental impact statement will be prepared. Thank you for your prompt attention to this matter.

Sincerely,



Camden Hofer, P.E.
Project Engineer
Schmucker, Paul, Nohr & Associates

Enclosures

MAY 8

13979-FA



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, OMAHA DISTRICT
1616 CAPITOL AVENUE
OMAHA NE 68102-4901

REPLY TO
ATTENTION OF

May 22, 2014

Planning, Programs, and Project Management Division

Mr. Camden Hofer, P.E.
Schmucker, Paul, Nohr and Associates
2100 North Sanborn Boulevard
P.O. Box 398
Mitchell, South Dakota 57301

Dear Mr. Hofer:

The U.S. Army Corps of Engineers, Omaha District (Corps) has reviewed your letter dated May 1, 2014 (received May 5, 2014) regarding the environmental assessment for a water system improvement project in Onida, South Dakota in Sully County. We offer the following comments for your consideration:

Your plans should be coordinated with the state water quality office in which the project is located to ensure compliance with federal and state water quality standards and regulations mandated by the Clean Water Act and administered by the U.S. Environmental Protection Agency. Please coordinate with the South Dakota Department of Environment & Natural Resources concerning state water quality programs.

If you have not already done so, it is recommended you consult with the U.S. Fish and Wildlife Service and South Dakota Department of Game, Fish and Parks regarding fish and wildlife resources. In addition, the South Dakota State Historic Preservation Office should be contacted for information and recommendations on potential cultural resources in the project area.

Our Flood Risk and Floodplain Management Section has reviewed the projects maps provided in your letter. There are no Federal Emergency Management Agency (FEMA) flood insurance rate maps available for Sully County, South Dakota. If the proposed waterline construction crosses the floodplains of small drainageways and streams, flood-related problems should not occur if the lines are buried far enough below the beds of drainageways and streams to prevent exposure due to streambed erosion during periods of high floodflows. Any aboveground construction subject to flood damage, such as pump houses, should either be placed above, or flood proofed to, a level above the one percent annual chance flood elevation.

Furthermore, your plans should be coordinated with the local floodplain administrators in which the project is located to ensure compliance with National Flood Insurance Program. Please coordinate with the South Dakota Division of Emergency Management located at:

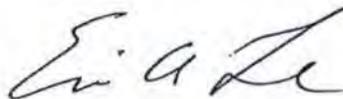
South Dakota Division of Emergency Management
Attention: Mr. Marc Macy
118 W. Capitol Avenue
Pierre, South Dakota 57501
Telephone: 605-773-3231
Fax: 605-773-3580
Email: marc.macy@state.sd.us

Any proposed placement of dredged or fill material into waters of the United States (including jurisdictional wetlands) requires Department of the Army authorization under Section 404 of the Clean Water Act. You can visit the Omaha District's Regulatory website for permit applications and related information. Please review the information on the provided website (<http://www.nwo.usace.army.mil/Missions/RegulatoryProgram.aspx>) to determine if this project requires a 404 permit. For a detailed review of permit requirements, preliminary and final project plans should be sent to:

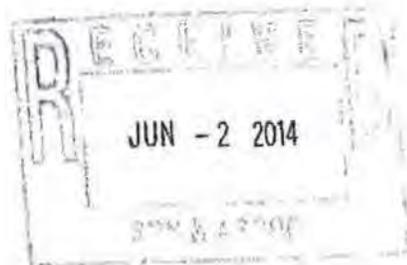
U.S. Army Corps of Engineers
Pierre Regulatory Office
Attention: Mr. Steve Naylor, CENWO-OD-R-SD
28563 Powerhouse Road, Room 120
Pierre, South Dakota 57501

If you have any questions, please contact Ms. Amanda Ciurej of my staff at (402) 995-2897 or amanda.k.ciurej@usace.army.mil and reference PD# 6421 in the subject line.

Sincerely,



Eric A. Laux
Chief, Environmental Resources and Missouri
River Recovery Program Plan Formulation Section





United States Department of Agriculture

May 8, 2014

Mr. Camden Hofer, P.E.
Project Engineer
Schmucker, Paul, Nohr & Associates
2100 North Sanborn Boulevard
P.O. Box 398
Mitchell, South Dakota 57301-0398

RE: Water System Improvements
Onida, South Dakota
Environmental Assessment – Request for Comments
SPN # 13979

Dear Mr. Hofer:

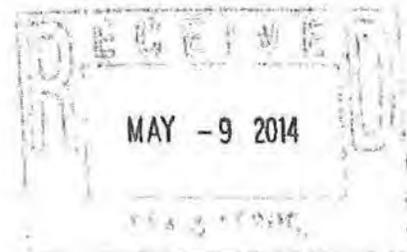
Thank you for the opportunity to provide comments on the above project. The project will have no effect on prime or important farmland.

The Natural Resources Conservation Service (NRCS) do not have any easements or contracts in the project location. For any other easements outside of the NRCS, you should check with the local courthouse.

If you have any questions, please contact Barb Hall, GIS Specialist, at (605) 352-1256.

Sincerely,

DEANNA M. PETERSON
State Soil Scientist



WRAP REVIEW SHEET
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: HISEGA MEADOWS WATER, INC.

Project Title: Water System Upgrades

Funding Requested: \$546,000

Other Proposed Funding: None

Total Project Cost: \$546,000

Project Description: Hisega Meadows Water, Inc. was awarded a DW SRF loan of \$487,000 with \$250,000 of principal forgiveness in June 2012. The project went to bid, and bids came in over estimate. It was decided to eliminate some of the work to get the project started with the funding available. The requested funding will complete the work that was bid previously and be used to cover additional work due to conditions that were identified during the design phase.

In order to complete the original scope of the project, this project will replace 950 feet of old and undersized water main with 6-inch line along Hisega Road and crossing under Highway 44, replace 1,125 feet of water main with 6-inch line along Big Piney Road and connect into the existing Big Piney Reservoir well pit. The project will also replace 11 service lines and connections along Big Piney Road and will move curb stops from private property into the right-of-way and easements. However, this is not eligible for SRF funding.

In addition, this project will replace 1,000 feet of old and undersized water main with 6-inch line from Highway 44 to Big Piney Road. This work was not part of the original design however since the lines on both ends of this segment are being replaced, and this line was scheduled to be replaced in a future phase, it was included in the current funding request.

Alternatives Evaluated: "No action" alternative provides no system improvements to the identified leaks and is not recommended.

"Trenchless Technology" alternative is not considered as a viable option as only portions of the existing system will

be replaced. The other concern is the amount of subsurface rock in the area. However, boring will be completed under Highway 44.

Implementation Schedule: Hisega Meadows Water, Inc. anticipates bidding the project in October of 2014 with a project completion date of August 2015.

Service Population: 420

Current Domestic Rate: \$113.00 per 7,000 gallons usage

Proposed Domestic Rate at Project Completion: \$113.00 per 7,000 gallons usage

Interest Rate: 3.0%

Term: 20 years

Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Hisega Meadows Water, Inc. would have 159% coverage based on the current rate of \$113/7,000 gallons. However, based on revenue for 2013/2014 the average consumption is 3,400 gallons per month. Thus, the average monthly bill would be approximately \$99. This should generate annual revenues of \$231,660. With annual O&M costs of \$109,400, net revenue available for debt is \$122,260. At 100% loan Hisega would have an annual debt of \$104,740 for debt coverage of 116% based on average consumption.

25% Funding Subsidy: \$121,875 subsidy with a loan of \$365,625.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$365,625, Hisega Meadows Water, Inc. would have 175% coverage based on current rate of \$113/7,000 gallons. However based on average consumption coverage would be 129%.

50% Funding Subsidy: \$243,750 subsidy with a loan of \$243,750.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$243,750, Hisega Meadows Water, Inc. would have 196% coverage based on current rate of \$113/7,000 gallons. However based on average consumption coverage would be 141%.

75% Funding Subsidy: \$365,625 subsidy with a loan of \$121,875.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$121,875, Hisega Meadows Water, Inc. would have 221% coverage based on current rate of \$113/7,000 gallons. However based on average consumption coverage would be 155%.

ENGINEERING REVIEW COMPLETED BY: CLAIRE PESCHONG

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE



RECEIVED

JUN 27 2014

Division of Financial
& Technical Assistance

June 26, 2014

Mike Perkovich
SD Department of Environment and Natural Resources
Foss Building
523 East Capitol Avenue
Pierre, SD 57501-3182

Dear Mike,

Enclosed please find a Drinking Water Facilities Funding Application being submitted on behalf of Hisega Meadows Water, Inc. for the second phase of their Water System Improvements Project. The total amount of funding being requested is \$546,000 although I want to draw your attention to the fact that of that total amount, the sum of \$27,224 is related to non-SRF-eligible construction costs (refer to engineer's estimate for specifics). Based upon this fact, Hisega Meadows Water is requesting that this \$27,224 of funding assistance be provided through non-SRF sources (such as CWFCP).

Sincerely,

A handwritten signature in cursive script that reads "Bill Lass". The signature is written in dark ink and is positioned above the printed name.

Bill Lass, Senior Planner

Encl.

Cc: Hisega Meadows Water, Inc.

Drinking Water Facilities Funding Application

Consolidated Water Facilities Construction Program (CWFCP) Drinking Water State Revolving Fund Program (DWSRF)

Applicant Hisega Meadows Water, Inc. Address P.O. Box 948 Rapid City, SD 57709	Proposed Funding Package CWFCP / DWSRF \$546,000 <hr style="width: 100%;"/> Local Cash _____ <hr style="width: 100%;"/> Other _____ <hr style="width: 100%;"/> Other _____ <hr style="width: 100%;"/> Other _____ <hr style="width: 100%;"/> <div style="text-align: right;">TOTAL \$546,000</div>
Subapplicant n/a DUNS Number 830-29-4257	

Project Title: Hisega Meadows Water, Inc. - Water System Improvements Project - Phase 2

Description:

HMW is a non-profit organization that owns and operates a central water system supplying water to approximately 193 properties. HMW is several miles west of Rapid City in Pennington County. HMW is proposing to implement Phase 2 of a Water System Improvements Project. Four major construction components are proposed: (1) Hisega Road Water Main: Replacement of 2", 3" & 4" water main along Hisega Rd. with about 950 ft. of 6" main from Wheaton Rd. north along the west side of Hisega Rd., then crossing to the east side, and continuing to the north side of Hwy. 44. (2) Alternate 2: Replacement of 2" & 4" water main with about 1,000 ft. of 6" main between the north side of Hwy. 44 and Big Piney Rd. (3) Big Piney Rd. Improvements: Replacement of 2" water main with about 1,125 ft. of 6" main along the north side of Big Piney Rd. - north to existing reservoir (including upgrades in the reservoir well pit), and a longer-leg SE along Big Piney Rd. (4) Big Piney Connections & Service Lines: Replacement of 11 service lines along Big Piney Rd. Curb stops on private property will be removed with new curb stops placed in the right-of-way or easement. Service line will be placed from the main to the location of the old curb stop. It is understood that some of the service-line related costs are non-eligible for SRF funding, and therefore, HMW is requesting that these non-eligible items be funded with CWFCP funds. Also included in the overall project will be related items such as: engineering, administration, legal, contingencies, incidental-related construction and appurtenances, etc.

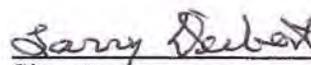
There is great need for this project. The segments of water main to be replaced are old, under-sized and include segments of transite pipe. The new service lines and curb stops are needed in order to replace aging existing service lines and to properly re-locate curb stops from private property into the public right-of-way or utility easements.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Larry Deibert, Board President-Hisega Meadows Water, Inc.

Name & Title of Authorized Signatory (Typed)


 Signature

6/25/14
 Date

Professional Consultants

Application Prepared By: Black Hills Council of Local Governments

Contact Person: William Lass, Senior Planner
Mailing Address: 730 E. Watertown St., Suite 102
City, State, and Zip: Rapid City, SD 57701
Telephone Number: 605-394-2681 Fax: 605-394-6140
Email address: wlass@tie.net

Consulting Engineering Firm: Advanced Engineering

Contact Person: Ron Bengs
Mailing Address: 3421 West Main St.
City, State, and Zip: Rapid City, SD 57702
Telephone Number: 605-718-8825 Fax: _____
Email address: advancedeng@rushmore.com

Legal Counsel's Firm: Bangs McCullen Law Firm

Legal Counsel: Terry Westergaard
Mailing Address: 333 West Boulevard
City, State, and Zip: Rapid City, SD 57701
Telephone Number: 605-343-1040 Fax: _____
Email address: twestergaard@bangsmccullen.com

This section applies only to political subdivisions

Bond Counsel's Firm: N/A

Bond Counsel: _____
Mailing Address: _____
City, State, and Zip: _____
Telephone Number: _____ Fax: _____
Email address: _____

BUDGET SHEET

Cost Classification	A CWFCP / DWSRF	B	C	D	E	Total Funds
1. Administrative Expenses						
A. Personal Services						
B. Travel						
C. Legal including Bond Counsel	\$2,500.00					\$2,500.00
D. Other	\$2,500.00					\$2,500.00
2. Land, Structure, Right-of-Way						
3. Engineering						
A. Bidding and Design Fees	\$12,500.00					\$12,500.00
B. Project Inspection Fees	\$12,500.00					\$12,500.00
C. Other						
4. Construction and Project Improvement	\$469,000.00					\$469,000.00
5. Equipment						
6. Contractual Services						
7. Other						
8. Other						
9. Subtotal (Lines 1-8)	\$499,000.00					\$499,000.00
10. Contingencies	\$46,900.00					\$46,900.00
11. Total (Lines 9 and 10)	\$545,900.00					\$545,900.00
12. Total %	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Columns A - E: Identify each funding source and enter the amounts budgeted by cost category.

Comments:

Method of Financing

Source Header	Secured Funds	Unsecured Funds (Date Anticipated)
Local Cash (Identify Source)		
Other (Explain) DRSRF Loan/CWFCP Grant _____		\$546,000.00
Other (Explain) _____		9/14
Other (Explain) _____		
Other (Explain) _____		
Other (Explain) _____		
TOTAL		\$546,000.00

Comments:

7.3.1 Repayment Information

Interest rate and term you are applying for: _____³ %, _____²⁰ years.

What security is being pledged toward the repayment of this loan?

(Political Subdivisions Only)

- 1. General Obligation bond (requires bond election)
- 2. Water Revenue bond
- 3. Project Surcharge Revenue bond
- 4. Sales Tax Revenue bond

7.3.2 Documents That Must Be Submitted With The Application

Financial Documents

1. Most recent audit or unaudited financial statement to include specific accounting of pledged funds.
2. Current year's budget.

Planning and Legal Documents

1. Governing user charge ordinance or resolution and its effective date.
2. Resolution of authorized signatory for submission of the Drinking Water SRF application and signing of payment requests. This resolution must also include the maximum loan amount requested, interest rate and term being applied for, description of proposed project, and security pledged towards repayment of the loan.
3. Facilities Plan (8.3.18).
4. Capacity Assessment Worksheets (section 8.3.16).

Items 5-7 apply to Nonprofit Entities only

5. By-laws
6. Articles of Incorporation
7. Certificate of Good Standing from Secretary of State

7.3.3 General Information

The month and day your fiscal year begins: July 1 _____

Population Served

Current 420	2000 486	1990 480
Top Five Employers Within 30 Miles	Number of Employees	Type of Business
Ellsworth Air Force Base	3,760	Military
Federal Government	2,679	Government
Rapid City Regional Hospital	2,535	Health Care
Rapid City School District	1,650	Education
City of Rapid City	1,520	Government

Please indicate employers within boundary of issuing entity with an asterisk (*).

7.3.4 Drinking Water Utility Information

Current Water Utility Debt

Year	2011	2013					
Purpose	Buy Water System	Ph.1 Water Project					
Security Pledged	System Revenue	System Revenues					
Amount	\$1,043,000.00	\$487,500.00					
Maturity Date (mo/yr)	12/51	2033	Note: 2013 SRF.....	Loan of \$487,500.....	includes \$250,000..	of Principal Forgive.	
Debt Holder	USDA-Rural Devp.	SD BWR					
Debt Coverage Requirement	\$5,432.40 annually	110%	Note: Avg. Annual...	Payment of \$15,964	is based upon non-	PF portion of \$237,	500 at 3%/20yrs.
Avg. Annual Required Payment	\$54,324.00	\$15,964.00					
Outstanding Balance	\$1,011,954.91	\$487,500.00					

Use additional sheets if more room is required to list all current water utility debt.

Drinking Water Utility Cash Flow

Fiscal Year	Prior Year	Prior Year	Current Year	Future Year #
	7/12-6/13	7/13-6/14	7/14-6/15	7/15-6/16
OPERATING CASH FLOW				
Water Sales	\$210,650	\$211,705.00	\$232,815.00	\$234,045.00
Surcharge Fee				
Other (Explain) <u>--Late Fees</u>	\$1,890	\$2,100.00	\$2,000.00	\$2,000.00
<u>--Connections</u>	\$275	\$64.00	\$1,000.00	
OPERATING PAYMENTS				
Personal Services	(\$50,263)	(\$54,855.00)	(\$55,850.00)	(\$57,000.00)
Chemical, Material & Supplies	(\$28,123)	(\$18,378.00)	(\$21,580.00)	(\$23,000.00)
Electric & Other Utilities	(\$5,398)	(\$5,321.00)	(\$5,500.00)	(\$5,700.00)
Other (Explain) <u>--Insurance</u>	(\$9,415)	(\$9,000.00)	(\$9,400.00)	(\$9,700.00)
<u>--Accounting, Atty., Advertising, Misc.</u>	(\$17,644)	(\$14,206.00)	(\$10,940.00)	(\$14,000.00)
NET CASH FROM OPERATIONS	\$101,972	\$112,109.00	\$132,545.00	\$126,645.00
NONOPERATING CASH FLOW				
Interest Income	\$2,900.00	\$1,152.00	\$1,000.00	\$1,000.00
Other Revenue (Explain) _____				
<u>--Member Deposits</u>	\$13,425.00	\$10,962.00		
Transfers In (Explain) _____				

Fixed Asset Sale (Explain) _____				

Transfers Out (Explain) _____				
<u>Proposed P&I this application (Phase 2 loan)</u>				(\$36,700.00)
Fixed Asset Purchases (Explain) _____				

Debt Payment (Principal Only) <i>-USDA-RD</i>	(\$10,410.00)	(\$10,520.00)	(\$10,660.00)	(\$10,800.00)
Debt Payment (Interest Only) <i>-USDA-RD</i>	(\$43,914.00)	(\$43,804.00)	(\$43,664.00)	(\$43,524.00)
Other Expenses (Explain) _____				
<u>P&I for 2013 Phase 1 SRF Loan</u>			(\$6,580.00)	(\$15,964.00)
NET CASH FROM NONOPERATING	(\$37,999)	(\$42,210.00)	(\$59,904.00)	(\$105,988.00)
Summary				
Net Increase (Decrease) in Cash	\$63,973	\$69,899.00	\$72,641.00	\$20,657.00
Beginning Cash Balance	\$195,107	\$259,080.00	\$328,979.00	\$401,620.00
Ending Cash Balance	\$259,080	\$328,979.00	\$401,620.00	\$422,277.00
RESTRICTED BALANCE	\$250,000	\$250,000.00	\$250,000.00	\$250,000.00
UNRESTRICTED BALANCE	\$9,080	\$78,979.00	\$151,620.00	\$172,277.00

Future Year: First full year after project completion.

Restricted Funds Breakdown:

<u>Amount</u>	<u>Anticipated Expense</u>	<u>Method Used to Encumber</u>
\$54,000.00	USDA Loan - Required Reserves	Required by USDA
\$196,000.00	Membership Deposits	Held in Separate Savings Account
_____	_____	_____
_____	_____	_____

Water Fees:

Attach current and proposed rate ordinances or resolutions and rate schedules.

Municipal or Sanitary District - monthly rates at 5,000 gallons (670 cubic feet)

Other Community Water System - monthly rates at 7,000 gallons (935 cubic feet)

Check one: Incorporated Municipality or Sanitary District

or

Other Community Water System

Monthly:	<u>Current Rate</u>	<u>Proposed Rate</u>	<u># of Accounts</u>	<u>Average use gallons/cubic feet</u>
Domestic	\$80.00	\$85.00	195	3000 gal.
Business	_____	_____	_____	_____
Other: _____	_____	_____	_____	_____

Are fees based on usage or flat rate? Usage (on 7/1/14: \$85+\$4/1K g. & step up if +15K g.)

When is proposed fee scheduled to take effect? 7/1/14

When did the current fee take effect? 6/27/11

What was the fee prior to the current rate? \$100 plus usage (when privately owned)

Attach current and proposed rate ordinances or resolutions and rate schedules.

<u>Five Largest Customers</u>	<u>Type of Business</u>	<u>% of System Revenues</u>
Todd Dietrich	Residence (2.8% of system rev.)	_____
Ted Pettyjohn	Residence (2.4% of system rev.)	_____
James Hutto	Residence (1.6% of system rev.)	_____
Gene Hufford	Residence (1.4% of system rev.)	_____
Greg Andrews	Residence (1.3% of system rev.)	_____

7.3.5 Property Tax Information

(Complete only if General Obligation bond is pledged to repay your loan.)

Three year valuation trend:

Year	_____	_____	_____
Assessed Valuation	_____	_____	_____
Full & True Valuation	_____	_____	_____

Three year levies and collection trend:

Year	_____	_____	_____
Amount Levied	_____	_____	_____
Collected	_____	_____	_____
Penalties/Interest	_____	_____	_____
Late Payments	_____	_____	_____

Five Largest Taxpayers	Description	Assessed Valuation
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Comments:

List all current debt secured by General Obligation bond:

Year				
Purpose				
Security Pledged				
Amount				
Maturity Date (mo/yr)				
Debt Holder				
Debt Coverage Requirement				
Avg. Annual Required Payment				
Outstanding Balance				

Use additional sheets if more room is required to list all current G.O. debt.

Comments:

7.3.6 Sales Tax Information

(Complete only if sales tax is pledged to repay your loan.)

Sales tax revenue history for the most current fifteen months:

Month/Year	Amount Collected
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Comments:

List all current debt secured by sales tax:

Year Issued				
Purpose				
Amount				
Maturity Date (mo/yr)				
Debt Holder				
Debt Coverage Requirement				
Avg. Annual Required Payment				
Outstanding Balance				

Use additional sheets if more room is required to list all current sales tax debt.

Comments:

7.3.7 Facilities Plan Checklist. - see Attachment 7

Before submitting the application, please take a few moments to complete the following checklist. Addressing these items prior to submitting the application will expedite the review process

Checklist of SRF Facilities Plan Requirements	
Have the following items been addressed?	
◆ Submission of a Facilities Plan to the department that addresses those items found in section 8.3.18.	<u> × </u>
◆ A public hearing held discussing the project and the use of an SRF loan to finance the project. (See section 8.3.15)	<u> × </u>
◆ Minutes of the public hearing prepared and submitted to the department for inclusion into the final Facilities Plan.	<u> × </u>
◆ The affidavit of publication of the public hearing received and submitted to the department for inclusion into the final Facilities Plan. (See section 8.3.15)	<u> × </u>
◆ The four review agencies contacted and responses received for inclusion into the final Facilities Plan. (See section 8.3.18)	<u> × </u>
◆ The Cultural Resources Effects Assessment Summary and supporting documentation, such as an archaeological survey or Historic Register database search. (See section 8.3.20)	<u> × </u>

List of Attachments

1. 7.3.8 Certification of Drinking Water Needs Categories
2. Preaward Compliance Review Report
3. 7.3.10 Debarment Certification
4. Authorizing Resolution
5. Verification of RD Debt Form
6. Water Rate Documentation Section:
 - a. User Charge Approval Documentation
 - b. Water Rate Charts
7. Facility Plan Section:
 - a. Engineer's Cost Estimate
 - b. Facility Plan Amendment
 - c. Public Hearing Minutes
 - d. Affidavit of Publication for Public Notice
 - e. Environmental Agency Responses Received
 - f. Environmental Agency Contact Letters and Graphics Sent
8. Historic Review Section:
 - a. Cultural Resources Effects Assessment Summary Section
 - b. SHPO E-Mail
 - c. Site Photos
9. Capacity Assessment Worksheets and Financial Spreadsheet
10. Financial Statement and Tax Return
11. Current Year Budget
12. Bylaws
13. Articles of Incorporation
14. Certificate of Good Standing from State of SD
15. Amortization Schedule for Proposed Loan

7.3.8 Certification of Drinking Water Needs Categories

Identify the loan amount associated with the needs category or categories described below. If the loan addresses needs in more than one category, please break down the total amount into estimated amounts for each category.

Definition	Loan Amount
<u>Transmission/Distribution</u>	\$546,000.00
<u>Treatment</u>	
<u>Storage</u>	
<u>Source</u>	
<u>System Purchase</u>	
<u>Restructuring</u>	
<u>1452(k) Loan Activities</u>	
1. To acquire land or a conservation easement for source water protection.	
2. To implement voluntary, incentive-based source water quality protection measures.	
TOTAL	\$546,000.00

Hisega Meadows Water, Inc.

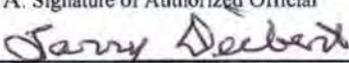
Name of Applicant

Sary Debet
Signature of Authorized Representative

6/25/14
Date

7.3.9 Preaward Compliance Review

FORM Approved By OMB: No. 2030-0020 Expires 12-31-2011

United States Environmental Protection Agency Washington, DC 20460 Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance Note : Read instructions on other side before completing form.		
I. Applicant/Recipient (Name, Address, State, Zip Code). Hisega Meadows Water, Inc., PO Box 948, Rapid City, SD 57709	DUNS No. 830-29-4257	
II. Is the applicant currently receiving EPA assistance? Yes.		
III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.) None.		
IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective action taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.) None.		
V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3)). None.		
VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below. Yes. a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b). b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. § 7.70) applies. Regulatory exception applies: improvements consist of mechanical equipment (pipes, etc.) w/no public access needed.		
VII.* Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its programs or activities? (40 C.F.R. § 5.140 and § 7.95) Yes. a. Do the methods of notice accommodate those with impaired vision or hearing? No. b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communication? Yes. c. Does the notice identify a designated civil rights coordinator? No.		
VIII.* Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. § 7.85(a)) No, but some of this information is available through U.S. Census Bureau statistics.		
IX.* Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166) No.		
X.* If the applicant/recipient is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator. N/A		
XI* If the applicant/recipient is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet address for, or a copy of, the procedures. N/A		
For the Applicant/Recipient I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized Official 	B. Title of Authorized Official Board President	C. Date 6/25/14
For the U.S. Environmental Protection Agency I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized EPA Official See ** note on reverse side.	B. Title of Authorized EPA Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 03/2008) General

Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.

Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment).

Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities.

Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities.

The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission.

Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution.

40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972.

40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

The Executive Order 13166 (E.O. 13166) entitled: "Improving Access to Services for Persons with Limited English Proficiency" requires Federal agencies work to ensure that recipients of Federal financial assistance provide meaningful access to their LEP applicants and beneficiaries.

Items

"Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25.

"Recipient" means any entity, other than applicant, which will actually receive EPA assistance. 40 C.F.R. §§ 5.105, 7.25.

"Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed.

"Civil rights compliance review" means any review assessing the applicant's and/or recipient's compliance with laws prohibiting discrimination on the basis of race, color, national origin, sex, age, or disability.

Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission.

If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable."

In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

* Questions VII – XI are for informational use only and will not affect an applicant's grant status. However, applicants should answer all questions on this form. (40 C.F.R. Parts 5 and 7)

** Note: Signature appears in the Approval Section of the EPA Comprehensive Administrative Review For Grants/Cooperative Agreements & Continuation/Supplemental Awards form.

Approval indicates, in the reviewer's opinion, questions I – VI of Form 4700-4 comply with the preaward administrative requirements for EPA assistance.

"Burden Disclosure Statement"

EPA estimates public reporting burden for the preparation of this form to average 30 minutes per response. This estimate includes the time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to

U.S. EPA, Attn: Collection Strategies Division (MC 2822T), Office of Information Collection, 1200 Pennsylvania Ave., NW, Washington, D.C. 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

The information on this form is required to enable the U.S. Environmental Protection Agency to determine whether applicants and prospective recipients are developing projects, programs and activities on a nondiscriminatory basis as required by the above statutes and regulations.

RESOLUTION NO. _____

RESOLUTION AUTHORIZING AN APPLICATION FOR FINANCIAL ASSISTANCE, AUTHORIZING THE EXECUTION AND SUBMITTAL OF THE APPLICATION, AND DESIGNATING AN AUTHORIZED REPRESENTATIVE TO CERTIFY AND SIGN PAYMENT REQUESTS.

WHEREAS, Hisega Meadows Water, Inc., a nonprofit corporation organized and existing under the laws of the State of South Dakota (the "Corporation"), has determined it is necessary to proceed with improvements to its Water System, including but not limited to water main and service line replacement (the "Project");

WHEREAS, the Corporation has determined that financial assistance will be necessary to undertake the Project and an application for financial assistance to the South Dakota Board of Water and Natural Resources (the "Board") will be prepared; and

WHEREAS, it is necessary to designate an authorized representative to execute and submit the Application on behalf of the Corporation and to certify and sign payment requests in the event financial assistance is awarded for the Project.

NOW THEREFORE BE IT RESOLVED by the Corporation as follows:

1. The corporation hereby approves the submission of an Application for financial assistance in an amount not to exceed \$ 546,000.00 to the South Dakota Board of Water and Natural Resources for the Project.

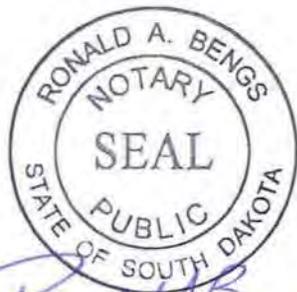
2. The Board President is hereby authorized to execute the Application and submit it to the South Dakota Board of Water and Natural Resources, and to execute and deliver such other documents and perform all acts necessary to effectuate the Application for financial assistance

3. The Board President is hereby designated as the authorized representative of the Corporation to do all things on its behalf to certify and sign payment requests in the event financial assistance is awarded for the Project.

Adopted at Johnson Siding, South Dakota, this 25 day of June 2014.

APPROVED:

LARRY DEIBERT
BY: Larry Deibert
President (Title)



(Seal)

Attest: Ronald A Bengs
(Title)

Exp. Aug 8, 2015

Request for Verification of USDA Rural Development Debt

Name of entity: Hisega Meadows Water, Inc.

Hisega Meadows Water, Inc.

hereby authorizes USDA Rural Development (Rural Development) to release and verify to the South Dakota Board of Water and Natural Resources (the Board) and the Department of Environment and Natural Resources (DENR) information on the indebtedness owed by the applicant to USDA Rural Development, and further authorizes the release of such information by the Board, DENR or Rural Development as may be necessary to process the application for financial assistance.

Printed Name & Title: Larry Deibert, Board President - Hisega Meadows Water, Inc.

Larry Deibert

Date:

6/02/14

Signature of person authorizing the release of information

Date of Original Loan: June 27, 2011

Amount of Loan: \$1,043,000.00

Maturity Date: June 27, 2051

Type of Payment (Check One): Monthly Quarterly Annual

Amount of Payment: \$4527⁰⁰

Payment Status (Check One): Current Delinquent

Accrued Interest: 706.98

Principal Loan Balance: \$1,011,954.91

Accrued Interest:

Reserve Payment Amount: \$5432.40 per year

Current Reserve Balance: ?

Fully Funded Reserve Amount: \$54,324.00

Security for Loan: Promissory Note, Security Agreement, Real Estate Mortgage

Status Date as of: 6-2-14 - \$1,012,661.89 Total owed.

Printed Name & Title: Gaby Bassett, Co-Rep Tech.

Gaby Bassett

Date:

6-2-14

Signature of person verifying the above information

TERM NBR 704 OPR ID 704 ACCOUNT INFORMATION
 CNUM 47-052-0208561749 NAME HISEGA MEADOWS STDT 060214 ACDT 060214
 FCOD 9120 LNUM 01 KCOD 00 DUED 00 FMCD 0 FLAG CSDT ZSPC 0
 DEFL DEXD DECL DFLA DFCA SPCL 0
 DSED DSXD DSCD LSAA DSLQ FPCD
 DOLN 062711 AMED 000000 APDT 030811 DCCA FYLN 51 ICRC INR1 4.2500
 ZDLP 052714 ZDLR 052714 RGT2 1 LRDT 071511 RGT1 02 CCCD 0 PAYC 5 INR2 4.2500
 XAON 1,043,000.00 XAOA RCCT .00 EPMT .00
 PTC1 31,045.09 PTC3 QPCR 31,045.09 CICR
 ICRT 127,399.91 INCR QICR 127,399.91 QNIC
 SSTS 49,797.00A SSC3 QSST 49,797.00A MICE ICCD 0
 UNPN 1,011,954.91 UNPA QUPR 1,011,954.91 YICE NUMO
 UNIN 706.98 UNIA QUIN 706.98 YNIC QDEL 000
 DACN 117.8304 DACA QDIN 117.8304 MOIN 4,527.00
 UPAM *Daily Accrual* UPUN FC10 68,812.93 QMTI
 UIAM UIUN FCIN QMTI 4,527.00
 STAM ZADI ZAAI ZEDI RHDM
 XAIC PTC2 CYIC AVIR
 XANI 54,324.00 ZDNI 062714 JTOI 2 STIN PNSR
 STAN .00 STAA QSTA .00 ICDF
 TPOF 1,012,661.89 ZSST QMDU 4,527.00 ICGR

Prior Inv.

total

as of date

CASE NUMBER: 47 052 0208561749 STATUS TYPE: AI LOAN: 01 ACDT: 060214

AWMI18
ADPS
OPR ID V47704

SUMMARY
INQUIRY CODE OH
ONLINE BORROWER HISTORY INQUIRY

06/02/14
17:20:40
PAGE 001
MORE

CASE NUMBER 47 052 0208561749 NAME HISEGA MEADOWS
LOAN NUMBER: 01 FUND CODE 91 NOTE RATE 04.2500 LOAN AMOUNT 1,043,000.00
DATE LOAN OBLGN 03/08/11 ASSISTANCE TYPE 061

DESC	TC	S	INT	RT	EFV	DT	CONTROL	AMT	INT PAID	PRIN PAID	PRC	DT
PMT NOTE	2A	R	04.250	052714				4,527.00	3,538.37	988.63		052714
PMT NOTE	2A	R	04.250	042714				4,527.00	3,659.44	867.56		042814
PMT NOTE	2A	R	04.250	032714				4,527.00	3,309.26	1,217.74		032714
PMT NOTE	2A	R	04.250	022714				4,527.00	3,666.94	860.06		022714
PMT NOTE	2A	R	04.250	012714				4,527.00	3,670.04	856.96		012714
PMT NOTE	2A	R	04.250	122713				4,527.00	3,555.04	971.96		122713
PMT NOTE	2A	R	04.250	112713				4,527.00	3,676.61	850.39		112713
PMT NOTE	2A	R	04.250	102713				4,527.00	3,561.39	965.61		102813
PMT NOTE	2A	R	04.250	092713				4,527.00	3,683.14	843.86		092713
PMT NOTE	2A	R	04.250	082713				4,527.00	3,686.18	840.82		082713
PMT NOTE	2A	R	04.250	072713				4,527.00	3,570.61	956.39		072913
PMT NOTE	2A	R	04.250	062713				4,527.00	3,692.64	834.36		062713
PMT NOTE	2A	R	04.250	052713				4,527.00	3,576.85	950.15		052813
PMT NOTE	2A	R	04.250	042713				4,527.00	3,699.06	827.94		042913

CHECK DETAIL HISTORY SCREEN FOR TRANSACTIONS

Hisega Meadows Water Inc.
Minutes of Board of Directors Meeting
May 5th, 2014
Johnson Siding Fire Station

Members present: Ron Brown (343-2999)
Larry Deibert (343-3942)
Norm Tschetter (348-3003)
Randy Smart (341-3994)
Craig Fischer (343-9074)
Guest: Byron Schulz

Operators/Managers/Bookkeeper: Scot Licht, Keith Lau, Lona Lau

Scot stated that he spent a day recently replacing a check valve in the pit, he said he already had a spare to use. Randy asked Scot about overtime pay for the extra time spent on the check valve; Scot stated that would not be necessary. Filter replacement is more frequent because of the heavy creek flow, everything else seems to be working fine.

Keith told us about a customer with a running toilet that could have accounted for as much as 45k gallon of water being used. Scot was sent over to check and told the owner what the problem was. They have oriented three new customers lately in our billing procedures. Only a handful of customers are late in their payments; it seems to be the same ones who pay their late fees when pressed for payment, nothing unusual.

Lona gave the financial report and it was moved by Ron and seconded by Randy to accept. We talked about putting some of our reserves in an interest bearing account, several members will check rates but since we use First Interstate Bank for the system account, they will be given preferential treatment to keep everything on one statement. The \$ 5000.00 shown on the p/l is actually a check drawn that will not be cashed for 2 years by Pennington County Highway Dept; it represents a bond for the Phase I work during the system upgrades.

The minutes of the last meeting were approved on a motion by Craig and second by Randy.

A spreadsheet of estimated costs and payback for Phase 1 and the 3 options for Phase 2 was handed out by Larry. After much discussion, it was moved by Randy and seconded by Norm to move forward with the application requesting funding from SDDENR for all 3 options of phase 2. The application will be considered by DENR at their August meeting; if approved, the drawings could go to bid later this fall.

★ A motion was made by Randy and seconded by Ron to increase water rates to a base of \$85 monthly and increase the water use rates by 10 cents per 100 gallons beginning July 1st (all gallons less than 15,000 are at the rate of \$0.40 per hundred gallons used; more than 15,000 gallons are at the rate of \$0.50 per hundred gallons used up to 45,000 gallons; more than 45,000 gallons are at the rate of \$0.60 per hundred gallons). Keith and Lona will prepare a packet for the annual meeting consisting of new rate cards, payment books, address labels, the Presidents report and the annual meeting agenda that will be sent to all members before June 5.

Because of a scheduling conflict with Rimrock Church, the annual meeting will be moved to June 17th at 6:30 PM in the basement of the Rimrock Church. Several potential new board members were discussed and several board members will be contacting prospective members. Craig has agreed to being nominated for a full 3-year term after filling out the remaining 1-year of Chris Hanson's 3-year term. Randy stated he will not be available to serve as a board member after his term expires in June. The contract for Phase I will be awarded to Quinn Construction in the amount of \$378,396 with acceptance of their Base Bid and Alternate 1 but rejection of Alternates 3 and 3A on a motion by Randy and second by Norm, passed unanimously. The motion read:

Motion of intent to award the Hisega Meadows Water Project Phase I to Quinn Construction. Base Bid with Alternate 1 accepted, alternates 3 and 3a not accepted. The Base Bid in the amount of \$ 394,596 with a deduction of \$ 16,200.00 for alternate I. Total cost of the project \$378,396.

Award is pending review and approval by SDDENR.

Outstanding Phase I invoices: it was moved by Craig and seconded by Norm to pay Advance Engineering \$4086.16. It was moved by Craig and seconded by Norm to pay Bangs, et.al. \$ 711.26.

The cluster box idea was briefly discussed and tabled until after the annual meeting.

Randy will check with Black Hills Electric to see if demand savings can be realized with a demand controller but after discussion with Scot and Keith concerning the hours the pumps run, the urgency of a change is not evident.

The MIDCO tower and dishes will be moved shortly, MIDCO did not accept our offer to allow the tower to stay.

Ron had not heard from WOW or MIDCO concerning possible service to our area.

Being no further business, the meeting was adjourned at 8:16 PM, the next meeting to be Monday, June 2 at 6:30 PM, same place.

Respectfully submitted,

Ron Brown

Water Rate Table

EFFECTIVE JULY 1, 2014

Hisega Meadows Water Inc.
 P.O. Box 9486
 Rapid City, SD 57709

Phone No.
 605-342-2264

THE MINIMUM CHARGE OF \$85.00 IS PAYABLE EVERYMONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$.40 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$.50 PER HUNDRED GALLONS USED UP TO 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE

Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost
Minimum=85.00		5000=102.00		10000=122.00		15000=142.00		20000=167.00		25000=192.00	
100=85.40		5100=102.40		10100=122.40		15100=142.50		20100=167.50		25100=192.50	
200=85.80		5200=102.80		10200=122.80		15200=143.00		20200=168.00		25200=193.00	
300=86.20		5300=103.20		10300=123.20		15300=143.50		20300=168.50		25300=193.50	
400=86.60		5400=103.60		10400=123.60		15400=144.00		20400=169.00		25400=194.00	
500=87.00		5500=104.00		10500=124.00		15500=144.50		20500=169.50		25500=194.50	
600=87.40		5600=104.40		10600=124.40		15600=145.00		20600=170.00		25600=195.00	
700=87.80		5700=104.80		10700=124.80		15700=145.50		20700=170.50		25700=195.50	
800=88.20		5800=105.20		10800=125.20		15800=146.00		20800=171.00		25800=196.00	
900=88.60		5900=105.60		10900=125.60		15900=146.50		20900=171.50		25900=196.50	
1000=89.00		6000=106.00		11000=126.00		16000=147.00		21000=172.00		26000=197.00	
1100=89.40		6100=106.40		11100=126.40		16100=147.50		21100=172.50		26100=197.50	
1200=89.80		6200=106.80		11200=126.80		16200=148.00		21200=173.00		26200=198.00	
1300=90.20		6300=107.20		11300=127.20		16300=148.50		21300=173.50		26300=198.50	
1400=90.60		6400=107.60		11400=127.60		16400=149.00		21400=174.00		26400=199.00	
1500=90.00		6500=108.00		11500=128.00		16500=149.50		21500=174.50		26500=199.50	
1600=90.40		6600=108.40		11600=128.40		16600=150.00		21600=175.00		26600=200.00	
1700=90.80		6700=108.80		11700=128.80		16700=150.50		21700=175.50		26700=200.50	
1800=91.20		6800=109.20		11800=129.20		16800=151.00		21800=176.00		26800=201.00	
1900=91.60		6900=109.60		11900=129.60		16900=151.50		21900=176.50		26800=201.50	
2000=92.00		7000=110.00		12000=130.00		17000=152.00		22000=177.00		27000=202.00	
2100=92.40		7100=110.40		12100=130.40		17100=152.50		22100=177.50		27100=202.50	
2200=92.80		7200=110.80		12200=130.80		17200=153.00		22200=178.00		27200=203.00	
2300=93.20		7300=111.20		12300=131.20		17300=153.50		22300=178.50		27300=203.50	
2400=93.60		7400=111.60		12400=131.60		17400=154.00		22400=179.00		27400=204.00	
2500=94.00		7500=112.00		12500=132.00		17500=154.50		22500=179.50		27500=204.50	
2600=94.40		7600=112.40		12600=132.40		17600=155.00		22600=180.00		27600=205.00	
2700=94.80		7700=112.80		12700=132.80		17700=155.50		22700=180.50		27700=205.50	
2800=95.20		7800=113.20		12800=133.20		17800=156.00		22800=181.00		27800=206.00	
2900=95.60		7900=113.60		12900=133.60		17900=156.50		22900=181.50		27900=206.50	
3000=96.00		8000=114.00		13000=134.00		18000=157.00		23000=182.00		28000=207.00	
3100=96.40		8100=114.40		13100=134.40		18100=157.50		23100=182.50		28100=207.50	
3200=94.80		8200=114.80		13200=134.80		18200=158.00		23200=183.00		28200=208.00	
3300=95.20		8300=115.20		13300=135.20		18300=158.50		23300=183.50		28300=208.50	
3400=95.60		8400=115.60		13400=135.60		18400=159.00		23400=184.00		28400=209.00	
3500=96.00		8500=116.00		13500=136.00		18500=159.50		23500=184.50		28500=209.50	
3600=96.40		8600=116.40		13600=136.40		18600=160.00		23600=185.00		28600=210.00	
3700=96.80		8700=116.80		13700=136.80		18700=160.50		23700=185.50		28700=210.50	
3800=97.20		8800=117.20		13800=137.20		18800=161.00		23800=186.00		28800=211.00	
3900=97.60		8900=117.60		13900=137.60		18900=161.50		23900=186.50		28900=211.50	
4000=98.00		9000=118.00		14000=138.00		19000=162.00		24000=187.00		29000=212.00	
4100=98.40		9100=118.40		14100=138.40		19100=162.50		24100=187.50		29100=212.50	
4200=98.80		9200=118.80		14200=138.80		19200=163.00		24200=188.00		29200=213.00	
4300=99.20		9300=119.20		14300=139.20		19300=163.50		24300=188.50		29300=213.50	
4400=99.60		9400=119.60		14400=139.60		19400=164.00		24400=189.00		29400=214.00	
4500=100.00		9500=120.00		14500=140.00		19500=164.50		24500=189.50		29500=214.50	
4600=100.40		9600=120.40		14600=140.40		19600=165.00		24600=190.00		29600=215.00	
4700=100.80		9700=120.80		14700=140.80		19700=165.50		24700=190.50		29700=215.50	
4800=101.20		9800=121.20		14800=141.20		19800=166.00		24800=191.00		29800=216.00	
4900=101.60		9900=121.60		14900=141.60		19900=166.50		24900=191.50		29900=216.50	
										30000=217.00	

Water Rate Table

Page 2 of 2

Hisega Meadows Water Inc.
P.O. Box 9486
Rapid City, SD 57709

Phone No.
605-342-2264

THE MINIMUM CHARGE OF \$85.00 IS PAYABLE EVERYMONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$.40 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$.50 PER HUNDRED GALLONS USED UP TO 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE

| Gallons Cost |
|--------------|--------------|--------------|--------------|--------------|--------------|
| 30100=217.50 | 35100=242.50 | 40100=267.50 | 45100=292.60 | 50100=322.60 | 55100=352.60 |
| 30200=218.00 | 35200=243.00 | 40200=268.00 | 45200=293.20 | 50200=323.20 | 55200=353.20 |
| 30300=218.50 | 35300=243.50 | 40300=268.50 | 45300=293.80 | 50300=323.80 | 55300=353.80 |
| 30400=219.00 | 35400=244.00 | 40400=269.00 | 45400=294.40 | 50400=324.40 | 55400=354.40 |
| 30500=219.50 | 35500=244.50 | 40500=269.50 | 45500=295.00 | 50500=325.00 | 55500=355.00 |
| 30600=220.00 | 35600=245.00 | 40600=270.00 | 45600=295.60 | 50600=325.60 | 55600=355.60 |
| 30700=220.50 | 35700=245.50 | 40700=270.50 | 45700=296.20 | 50700=326.20 | 55700=356.20 |
| 30800=221.00 | 35800=246.00 | 40800=271.00 | 45800=296.80 | 50800=326.80 | 55800=356.80 |
| 30900=221.50 | 35900=246.50 | 40900=271.50 | 45900=297.40 | 50900=327.40 | 55900=357.40 |
| 31000=222.00 | 36000=247.00 | 41000=272.00 | 46000=298.00 | 51000=328.00 | 56000=358.00 |
| 31100=222.50 | 36100=247.50 | 41100=272.50 | 46100=298.60 | 51100=328.60 | 56100=358.60 |
| 31200=223.00 | 36200=248.00 | 41200=273.00 | 46200=299.20 | 51200=329.20 | 56200=359.20 |
| 31300=223.50 | 36300=248.50 | 41300=273.50 | 46300=299.80 | 51300=329.80 | 56300=359.80 |
| 31400=224.00 | 36400=249.00 | 41400=274.00 | 46400=300.40 | 51400=330.40 | 56400=360.40 |
| 31500=224.50 | 36500=249.50 | 41500=274.50 | 46500=301.00 | 51500=331.00 | 56500=361.00 |
| 31600=225.00 | 36600=250.00 | 41600=275.00 | 46600=301.60 | 51600=331.60 | 56600=361.60 |
| 31700=225.50 | 36700=250.50 | 41700=275.50 | 46700=302.20 | 51700=332.20 | 56700=362.20 |
| 31800=226.00 | 36800=251.00 | 41800=276.00 | 46800=302.80 | 51800=332.80 | 56800=362.80 |
| 31900=226.50 | 36900=251.50 | 41900=276.50 | 46900=303.40 | 51900=333.40 | 56900=363.40 |
| 32000=227.00 | 37000=252.00 | 42000=277.00 | 47000=304.00 | 52000=334.00 | 57000=364.00 |
| 32100=227.50 | 37100=252.50 | 42100=277.50 | 47100=304.60 | 52100=334.60 | 57100=364.60 |
| 32200=228.00 | 37200=253.00 | 42200=278.00 | 47200=305.20 | 52200=335.20 | 57200=365.20 |
| 32300=228.50 | 37300=253.50 | 42300=278.50 | 47300=305.80 | 52300=335.80 | 57300=365.80 |
| 32400=229.00 | 37400=254.00 | 42400=279.00 | 47400=306.40 | 52400=336.40 | 57400=366.40 |
| 32500=229.50 | 37500=254.50 | 42500=279.50 | 47500=307.00 | 52500=337.00 | 57500=367.00 |
| 32600=230.00 | 37600=255.00 | 42600=280.00 | 47600=307.60 | 52600=337.60 | 57600=367.60 |
| 32700=230.50 | 37700=255.50 | 42700=280.50 | 47700=308.20 | 52700=338.20 | 57700=368.20 |
| 32800=231.00 | 37800=256.00 | 42800=281.00 | 47800=308.80 | 52800=338.80 | 57800=368.80 |
| 32900=231.50 | 37900=256.50 | 42900=281.50 | 47900=309.40 | 52900=339.40 | 57900=369.40 |
| 33000=232.00 | 38000=257.00 | 43000=282.00 | 48000=310.00 | 53000=340.00 | 58000=370.00 |
| 33100=232.50 | 38100=257.50 | 43100=282.50 | 48100=310.60 | 53100=340.60 | 58100=370.60 |
| 33200=233.00 | 38200=258.00 | 43200=283.00 | 48200=311.20 | 53200=341.20 | 58200=371.20 |
| 33300=233.50 | 38300=258.50 | 43300=283.50 | 48300=311.80 | 53300=341.80 | 58300=371.80 |
| 33400=234.00 | 38400=259.00 | 43400=284.00 | 48400=312.40 | 53400=342.40 | 58400=372.40 |
| 33500=234.50 | 38500=259.50 | 43500=284.50 | 48500=313.00 | 53500=343.00 | 58500=373.00 |
| 33600=235.00 | 38600=260.00 | 43600=285.00 | 48600=313.60 | 53600=343.60 | 58600=373.60 |
| 33700=235.50 | 38700=260.50 | 43700=285.50 | 48700=314.20 | 53700=344.20 | 58700=374.20 |
| 33800=236.00 | 38800=261.00 | 43800=286.00 | 48800=314.80 | 53800=344.80 | 58800=374.80 |
| 33900=236.50 | 38900=261.50 | 43900=286.50 | 48900=315.40 | 53900=345.40 | 58900=375.40 |
| 34000=237.00 | 39000=262.00 | 44000=287.00 | 49000=316.00 | 54000=346.00 | 59000=376.00 |
| 34100=237.50 | 39100=262.50 | 44100=287.50 | 49100=316.60 | 54100=346.60 | 59100=376.60 |
| 34200=238.00 | 39200=263.00 | 44200=288.00 | 49200=317.20 | 54200=347.20 | 59200=377.20 |
| 34300=238.50 | 39300=263.50 | 44300=288.50 | 49300=317.80 | 54300=347.80 | 59300=377.80 |
| 34400=239.00 | 39400=264.00 | 44400=289.00 | 49400=318.40 | 54400=348.40 | 59400=378.40 |
| 34500=239.50 | 39500=264.50 | 44500=289.50 | 49500=319.00 | 54500=349.00 | 59500=379.00 |
| 34600=240.00 | 39600=265.00 | 44600=290.00 | 49600=319.60 | 54600=349.60 | 59600=379.60 |
| 34700=240.50 | 39700=265.50 | 44700=290.50 | 49700=320.20 | 54700=350.20 | 59700=380.20 |
| 34800=241.00 | 39800=266.00 | 44800=291.00 | 49800=320.80 | 54800=350.80 | 59800=380.80 |
| 34900=241.50 | 39900=266.50 | 44900=291.50 | 49900=321.40 | 54900=351.40 | 59900=351.40 |
| 35000=242.00 | 40000=267.00 | 45000=292.00 | 50000=322.00 | 55000=352.00 | 60000=382.00 |

WATER RATE TABLE

Page 1 of 2

HISEGA MEADOWS WATER INC.
P.O. BOX 9486
RAPID CITY, SD 57709

PHONE NO.
605-342-2254

THE MINIMUM CHARGE OF \$80.00 IS PAYABLE EVERY MONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$0.30 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$0.40 PER HUNDRED GALLONS USED UP TO 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE.

Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost
Minimum	=80.00	5000	=95.00	10000	=110.00	15000	=125.00	20000	=145.00	25000	=165.00
100	=80.30	5100	=95.30	10100	=110.30	15100	=125.40	20100	=145.40	25100	=165.40
200	=80.60	5200	=95.60	10200	=110.60	15200	=125.80	20200	=145.80	25200	=165.80
300	=80.90	5300	=95.90	10300	=110.90	15300	=126.20	20300	=146.20	25300	=166.20
400	=81.20	5400	=96.20	10400	=111.20	15400	=126.60	20400	=146.60	25400	=166.60
500	=81.50	5500	=96.50	10500	=111.50	15500	=127.00	20500	=147.00	25500	=167.00
600	=81.80	5600	=96.80	10600	=111.80	15600	=127.40	20600	=147.40	25600	=167.40
700	=82.00	5700	=97.10	10700	=112.10	15700	=127.80	20700	=147.80	25700	=167.80
800	=82.40	5800	=97.40	10800	=112.40	15800	=128.20	20800	=148.20	25800	=168.20
900	=82.70	5900	=97.70	10900	=112.70	15900	=128.60	20900	=148.60	25900	=168.60
1000	=83.00	6000	=98.00	11000	=113.00	16000	=129.00	21000	=149.00	26000	=169.00
1100	=83.30	6100	=98.30	11100	=113.30	16100	=129.40	21100	=149.40	26100	=169.40
1200	=83.60	6200	=98.60	11200	=113.60	16200	=129.80	21200	=149.80	26200	=169.80
1300	=83.90	6300	=98.90	11300	=113.90	16300	=130.20	21300	=150.20	26300	=170.20
1400	=84.20	6400	=99.20	11400	=114.20	16400	=130.60	21400	=150.60	26400	=170.60
1500	=84.50	6500	=99.50	11500	=114.50	16500	=131.00	21500	=151.00	26500	=171.00
1600	=84.80	6600	=99.80	11600	=114.80	16600	=131.40	21600	=151.40	26600	=171.40
1700	=85.10	6700	=100.10	11700	=115.10	16700	=131.80	21700	=151.80	26700	=171.80
1800	=85.40	6800	=100.40	11800	=115.40	16800	=132.20	21800	=152.20	26800	=172.20
1900	=85.70	6900	=100.70	11900	=115.70	16900	=132.60	21900	=152.60	26900	=172.60
2000	=86.00	7000	=101.00	12000	=116.00	17000	=133.00	22000	=153.00	27000	=173.00
2100	=86.30	7100	=101.30	12100	=116.30	17100	=133.40	22100	=153.40	27100	=173.40
2200	=86.60	7200	=101.60	12200	=116.60	17200	=133.80	22200	=153.80	27200	=173.80
2300	=86.90	7300	=101.90	12300	=116.90	17300	=134.20	22300	=154.20	27300	=174.20
2400	=87.20	7400	=102.20	12400	=117.20	17400	=134.60	22400	=154.60	27400	=174.60
2500	=87.50	7500	=102.50	12500	=117.50	17500	=135.00	22500	=155.00	27500	=175.00
2600	=87.80	7600	=102.80	12600	=117.80	17600	=135.40	22600	=155.40	27600	=175.40
2700	=88.10	7700	=103.10	12700	=118.10	17700	=135.80	22700	=155.80	27700	=175.80
2800	=88.40	7800	=103.40	12800	=118.40	17800	=136.20	22800	=156.20	27800	=176.20
2900	=88.70	7900	=103.70	12900	=118.70	17900	=136.60	22900	=156.60	27900	=176.60
3000	=89.00	8000	=104.00	13000	=119.00	18000	=137.00	23000	=157.00	28000	=177.00
3100	=89.30	8100	=104.30	13100	=119.30	18100	=137.40	23100	=157.40	28100	=177.40
3200	=89.60	8200	=104.60	13200	=119.60	18200	=137.80	23200	=157.80	28200	=177.80
3300	=89.90	8300	=104.90	13300	=119.90	18300	=138.20	23300	=158.20	28300	=178.20
3400	=90.20	8400	=105.20	13400	=120.20	18400	=138.60	23400	=158.60	28400	=178.60
3500	=90.50	8500	=105.50	13500	=120.50	18500	=139.00	23500	=159.00	28500	=179.00
3600	=90.80	8600	=105.80	13600	=120.80	18600	=139.40	23600	=159.40	28600	=179.40
3700	=91.10	8700	=106.10	13700	=121.10	18700	=139.80	23700	=159.80	28700	=179.80
3800	=91.40	8800	=106.40	13800	=121.40	18800	=140.20	23800	=160.20	28800	=180.20
3900	=91.70	8900	=106.70	13900	=121.70	18900	=140.60	23900	=160.60	28900	=180.60
4000	=92.00	9000	=107.00	14000	=122.00	19000	=141.00	24000	=161.00	29000	=181.00
4100	=92.30	9100	=107.30	14100	=122.30	19100	=141.40	24100	=161.40	29100	=181.40
4200	=92.60	9200	=107.60	14200	=122.60	19200	=141.80	24200	=161.80	29200	=181.80
4300	=92.90	9300	=107.90	14300	=122.90	19300	=142.20	24300	=162.20	29300	=182.20
4400	=93.20	9400	=108.20	14400	=123.20	19400	=142.60	24400	=162.60	29400	=182.60
4500	=93.50	9500	=108.50	14500	=123.50	19500	=143.00	24500	=163.00	29500	=183.00
4600	=93.80	9600	=108.80	14600	=123.80	19600	=143.40	24600	=163.40	29600	=183.40
4700	=94.10	9700	=109.10	14700	=124.10	19700	=143.80	24700	=163.80	29700	=183.80
4800	=94.40	9800	=109.40	14800	=124.40	19800	=144.20	24800	=164.20	29800	=184.20
4900	=94.70	9900	=109.70	14900	=124.70	19900	=144.60	24900	=164.60	29900	=184.60
										30000	=185.00

WATER RATE TABLE

EFFECTIVE JULY 1, 2011

**HISEGA MEADOWS WATER INC.
P.O. BOX 9486
RAPID CITY, SD 57709**

**PHONE NO.
605-342-2254**

THE MINIMUM CHARGE OF \$80.00 IS PAYABLE EVERY MONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$0.30 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$0.40 PER HUNDRED GALLONS USED UP TO 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE.

Gallons	Cost										
30,100	=185.40	35,100	=205.40	40,100	=225.40	45,100	=245.50	50,100	=270.50	55,100	=295.50
30,200	=185.80	35,200	=205.80	40,200	=225.80	45,200	=246.00	50,200	=271.00	55,200	=296.00
30,300	=186.20	35,300	=206.20	40,300	=226.20	45,300	=246.50	50,300	=271.50	55,300	=296.50
30,400	=186.60	35,400	=206.60	40,400	=226.60	45,400	=247.00	50,400	=272.00	55,400	=297.00
30,500	=187.00	35,500	=207.00	40,500	=226.00	45,500	=247.50	50,500	=272.50	55,500	=297.50
30,600	=187.40	35,600	=207.40	40,600	=227.40	45,600	=248.00	50,600	=273.00	55,600	=298.00
30,700	=187.80	35,700	=207.80	40,700	=227.80	45,700	=248.50	50,700	=273.50	55,700	=298.50
30,800	=188.20	35,800	=208.20	40,800	=228.20	45,800	=249.00	50,800	=274.00	55,800	=299.00
30,900	=188.60	35,900	=208.60	40,900	=228.60	45,900	=249.50	50,900	=274.50	55,900	=299.50
31,000	=189.00	36,000	=209.00	41,000	=229.00	46,000	=250.00	51,000	=275.00	56,000	=300.00
31,100	=189.40	36,100	=209.40	41,100	=229.40	46,100	=250.50	51,100	=275.50	56,100	=300.50
31,200	=189.80	36,200	=209.80	41,200	=229.80	46,200	=251.00	51,200	=276.00	56,200	=301.00
31,300	=190.20	36,300	=210.20	41,300	=230.20	46,300	=251.50	51,300	=276.50	56,300	=301.50
31,400	=190.60	36,400	=210.60	41,400	=230.60	46,400	=252.00	51,400	=277.00	56,400	=302.00
31,500	=191.00	36,500	=211.00	41,500	=231.00	46,500	=252.50	51,500	=277.50	56,500	=302.50
31,600	=191.40	36,600	=211.40	41,600	=231.40	46,600	=253.00	51,600	=278.00	56,600	=303.00
31,700	=191.80	36,700	=211.80	41,700	=231.80	46,700	=253.50	51,700	=278.50	56,700	=303.50
31,800	=192.20	36,800	=212.20	41,800	=232.20	46,800	=254.00	51,800	=279.00	56,800	=304.00
31,900	=192.60	36,900	=212.60	41,900	=233.60	46,900	=254.50	51,900	=279.50	56,900	=304.50
32,000	=193.00	37,000	=213.00	42,000	=233.00	47,000	=255.00	52,000	=280.00	57,000	=305.00
32,100	=193.40	37,100	=213.40	42,100	=233.40	47,100	=255.50	52,100	=280.50	57,100	=305.50
32,200	=193.80	37,200	=213.80	42,200	=233.80	47,200	=256.00	52,200	=281.00	57,200	=306.00
32,300	=194.20	37,300	=214.20	42,300	=234.20	47,300	=256.50	52,300	=281.50	57,300	=306.50
32,400	=194.60	37,400	=214.60	42,400	=234.60	47,400	=257.00	52,400	=282.00	57,400	=307.00
32,500	=195.00	37,500	=215.00	42,500	=235.00	47,500	=257.50	52,500	=282.50	57,500	=307.50
32,600	=195.40	37,600	=215.40	42,600	=235.40	47,600	=258.00	52,600	=283.00	57,600	=308.00
32,700	=195.80	37,700	=215.80	42,700	=235.80	47,700	=258.50	52,700	=283.50	57,700	=308.50
32,800	=196.20	37,800	=216.20	42,800	=236.20	47,800	=259.00	52,800	=284.00	57,800	=309.00
32,900	=196.60	37,900	=216.60	42,900	=236.60	47,900	=259.50	52,900	=284.50	57,900	=309.50
33,000	=197.00	38,000	=217.00	43,000	=237.00	48,000	=260.00	53,000	=285.00	58,000	=310.00
33,100	=197.40	38,100	=217.40	43,100	=237.40	48,100	=260.50	53,100	=285.50	58,100	=310.50
33,200	=197.80	38,200	=217.80	43,200	=237.80	48,200	=261.00	53,200	=286.00	58,200	=311.00
33,300	=198.20	38,300	=218.20	43,300	=238.20	48,300	=261.50	53,300	=286.50	58,300	=311.50
33,400	=198.60	38,400	=218.60	43,400	=238.60	48,400	=262.00	53,400	=287.00	58,400	=312.00
33,500	=199.00	38,500	=219.00	43,500	=239.00	48,500	=262.50	53,500	=287.50	58,500	=312.50
33,600	=199.40	38,600	=219.40	43,600	=239.40	48,600	=263.00	53,600	=288.00	58,600	=313.00
33,700	=199.80	38,700	=219.80	43,700	=239.80	48,700	=263.50	53,700	=288.50	58,700	=313.50
33,800	=200.20	38,800	=220.20	43,800	=240.20	48,800	=264.00	53,800	=289.00	58,800	=314.00
33,900	=200.60	38,900	=220.60	43,900	=240.60	48,900	=264.50	53,900	=289.50	58,900	=314.50
34,000	=201.00	39,000	=221.00	44,000	=241.00	49,000	=265.00	54,000	=290.00	59,000	=315.00
34,100	=201.40	39,100	=221.40	44,100	=241.40	49,100	=265.50	54,100	=290.50	59,100	=315.50
34,200	=201.80	39,200	=221.80	44,200	=241.80	49,200	=266.00	54,200	=291.00	59,200	=316.00
34,300	=202.20	39,300	=222.20	44,300	=242.20	49,300	=266.50	54,300	=291.50	59,300	=316.50
34,400	=202.60	39,400	=222.60	44,400	=242.60	49,400	=267.00	54,400	=292.00	59,400	=317.00
34,500	=203.00	39,500	=223.00	44,500	=243.00	49,500	=267.50	54,500	=292.50	59,500	=317.50
34,600	=203.40	39,600	=223.40	44,600	=243.40	49,600	=268.00	54,600	=293.00	59,600	=318.00
34,700	=203.80	39,700	=223.80	44,700	=243.80	49,700	=268.50	54,700	=293.50	59,700	=318.50
34,800	=204.20	39,800	=224.20	44,800	=244.20	49,800	=269.00	54,800	=294.00	59,800	=319.00
34,900	=204.60	39,900	=224.60	44,900	=244.60	49,900	=269.50	54,900	=294.50	59,900	=319.50
35,000	=205.00	40,000	=225.00	45,000	=245.00	50,000	=270.00	55,000	=295.00	60,000	=320.00

ENGINEERS PROBABLE ESTIMATE OF COST

BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	Mobilization	1	LS	\$ 30,000.00	\$ 30,000.00
2.	2" PVC Watermain, P.R. 200 psi - SDR 21	35	LF	\$ 30.00	\$ 1,050.00
3.	4" PVC Watermain C-900, DR-14	56	LF	\$ 30.00	\$ 1,680.00
4.	6" PVC Watermain C-900, DR-18	1,850	LF	\$ 40.00	\$ 74,000.00
5.	6" PVC Watermain C-900, DR-18, RJ pipe (HDD)	240	LF	\$ 75.00	\$ 18,000.00
6.	12" PVC C-900, DR-18, Restrained Joint Pipe (Casing Pipe-HDD), Spacers, End Seals	120	LF	\$ 150.00	\$ 18,000.00
7.	2" Coupling	4	EA	\$ 250.00	\$ 1,000.00
8.	4" Coupling	4	EA	\$ 250.00	\$ 1,000.00
9.	6" Coupling	1	EA	\$ 275.00	\$ 275.00
10.	2" High Deflection Coupling	1	EA	\$ 200.00	\$ 200.00
11.	6" High Deflection Coupling	3	EA	\$ 300.00	\$ 900.00
12.	8" High Deflection Coupling	2	EA	\$ 350.00	\$ 700.00
13.	4" - 90 Degree Bend	3	EA	\$ 300.00	\$ 900.00
14.	6" - 11.25 Degree Bend	3	EA	\$ 450.00	\$ 1,350.00
15.	6" - 22.5 Degree Bend	5	EA	\$ 450.00	\$ 2,250.00
16.	6" MJ CAP	1	EA	\$ 250.00	\$ 250.00
17.	6" - 45 Degree Bend	2	EA	\$ 450.00	\$ 900.00
18.	6" - 90 Degree Bend	1	EA	\$ 450.00	\$ 450.00
19.	2" x 2" x 2" Tee	1	EA	\$ 200.00	\$ 200.00
20.	4" x 4" x 2" Tee	3	EA	\$ 475.00	\$ 1,425.00
21.	6" x 6" x 2" Tee	2	EA	\$ 450.00	\$ 900.00
22.	6" x 6" x 6" Tee	3	EA	\$ 500.00	\$ 1,500.00
23.	6" x 2" Reducer	1	EA	\$ 300.00	\$ 300.00
24.	6" x 4" Reducer	5	EA	\$ 400.00	\$ 2,000.00
25.	2" Gate Valve w/ Box	3	EA	\$ 900.00	\$ 2,700.00
26.	4" Gate Valve w/ Box	2	EA	\$ 1,200.00	\$ 2,400.00
27.	6" Gate Valve w/ Box	7	EA	\$ 1,200.00	\$ 8,400.00
28.	6" Gate w/ Wheel Operator	1	EA	\$ 1,500.00	\$ 1,500.00
29.	Blow-Off Hydrant w/ Valve Box (Below Grade)	2	EA	\$ 2,000.00	\$ 4,000.00
30.	1" Tapping Saddle (6" Main) w/Corp Stop	14	EA	\$ 375.00	\$ 5,250.00
31.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	379	LF	\$ 25.00	\$ 9,475.00
32.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts (HDD)	90	LF	\$ 40.00	\$ 3,600.00

ENGINEERS PROBABLE ESTIMATE OF COST

BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
33.	1" Curb Stop & Box	14	EA	\$ 350.00	\$ 4,900.00
34.	Connect to Existing Water Main	13	EA	\$ 1,000.00	\$ 13,000.00
35.	Aggregate Base Course	118	Ton	\$ 30.00	\$ 3,540.00
36.	Gravel Surfacing	302	Ton	\$ 30.00	\$ 9,060.00
37.	Asphalt Surfacing, Glass G, Type 1	84	Ton	\$ 200.00	\$ 16,800.00
38.	Clearing and Grubbing, Stump	1	EA	\$ 500.00	\$ 500.00
39.	Remove Tree	5	EA	\$ 500.00	\$ 2,500.00
40.	Remove & Dispose of Asphalt Surfacing	2,416	SF	\$ 5.00	\$ 12,080.00
41.	Big Piney Reservoir Work	1	LS	\$ 5,000.00	\$ 5,000.00
42.	Remove Existing Surface Features	7	EA	\$ 250.00	\$ 1,750.00
43.	Concrete Washout Area	1	EA	\$ 1,000.00	\$ 1,000.00
44.	9" Erosion Control Wattle	85	LF	\$ 5.50	\$ 467.50
45.	Silt Fence	60	LF	\$ 5.50	\$ 330.00
46.	Contractor Furnish Topsoil	150	CY	\$ 30.00	\$ 4,500.00
47.	Seeding - hydroseed	0.6	AC	\$ 4,200.00	\$ 2,520.00
48.	Traffic Control Plan	1	LS	\$ 500.00	\$ 500.00
49.	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
50.	Imported Borrow (Trench)	311	CY	\$ 18.00	\$ 5,591.33
51.	Foundation Material, Type 3	58	CY	\$ 35.00	\$ 2,031.94
52.	Rock Excavation	295	CY	\$ 75.00	\$ 22,150.00
53.	Type 1 Bedding (Wet Areas Only)	100	Ton	\$ 32.00	\$ 3,200.00
54.	Exploratory Excavation	24	Hrs	\$ 300.00	\$ 7,200.00
				Subtotal	\$ 317,175.78
				Contingency (10%)	\$ 31,718.00
				Total SRF Eligible Construction Cost	\$ 348,893.78

ENGINEERS PROBABLE ESTIMATE OF COST
BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders
HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
Items to be Funded by Owner (Non SRF Eligible Costs):					
Consolidated Funding					
1.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	165	LF	\$ 25.00	\$ 4,125.00
2.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts - (HDD)	30	LF	\$ 40.00	\$ 1,200.00
3.	Reconnect Service Line	13	EA	\$ 1,000.00	\$ 13,000.00
4.	Aggregate Base Course	2	Ton	\$ 30.00	\$ 60.00
5.	Gravel Surfacing	21	Ton	\$ 30.00	\$ 630.00
6.	Asphalt Surfacing, Glass G. Type 1	2	Ton	\$ 200.00	\$ 400.00
7.	Remove & Dispose of Asphalt Surfacing	50	SF	\$ 5.00	\$ 250.00
8.	Seeding - hydroseed	0.1	AC	\$ 4,200.00	\$ 420.00
				Total Consolidated Costs	\$ 20,085.00
				Total Combined Costs	\$ 368,978.78

ENGINEERS PROBABLE ESTIMATE OF COST

ALTERNATE 2 - Phase 2

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

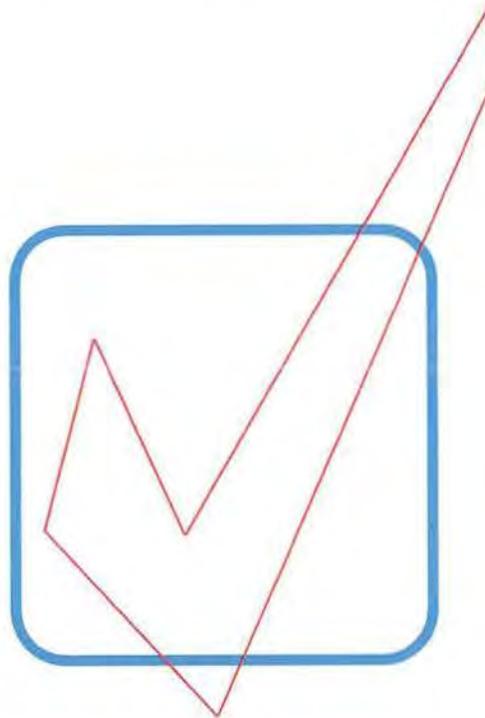
AES Project No. 12-012

ALT. 2 ADD:

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	4" PVC Watermain C-900, DR-14	10	LF	\$ 30.00	\$ 300.00
2.	6" PVC Watermain C-900, DR-18	1,000	LF	\$ 40.00	\$ 40,000.00
3.	4" Coupling	1	EA	\$ 250.00	\$ 250.00
4.	6" - 90 Degree Bend	1	EA	\$ 450.00	\$ 450.00
5.	6" x 6" x 4" Tee	1	EA	\$ 500.00	\$ 500.00
6.	4" Gate Valve w/ Box	1	EA	\$ 1,200.00	\$ 1,200.00
7.	1" Tapping Saddle (6" Main) w/Corp Stop	4	EA	\$ 375.00	\$ 1,500.00
8.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	130	LF	\$ 25.00	\$ 3,250.00
9.	1" Curb Stop & Box	2	EA	\$ 350.00	\$ 700.00
10.	Connect to Existing Water Main	1	EA	\$ 1,000.00	\$ 1,000.00
11.	Aggregate Base Course	105	Ton	\$ 30.00	\$ 3,150.00
12.	Gravel Surfacing	10	Ton	\$ 30.00	\$ 300.00
13.	Asphalt Surfacing, Class G, Type 1	70	Ton	\$ 200.00	\$ 14,000.00
14.	Remove & Dispose of Asphalt Surfacing	2,750	SF	\$ 5.00	\$ 13,750.00
15.	Remove Existing Surface Features	4	EA	\$ 250.00	\$ 1,000.00
16.	9" Erosion Control Wattle	170	LF	\$ 5.50	\$ 935.00
17.	Silt Fence	20	LF	\$ 5.50	\$ 110.00
18.	Seeding - hydroseed	0.7	AC	\$ 4,200.00	\$ 2,940.00
19.	Imported Borrow	167	CY	\$ 18.00	\$ 3,013.00
20.	Rock Excavation	188	CY	\$ 75.00	\$ 14,125.00
				Subtotal (Add)	\$ 102,473.00

ENGINEERS PROBABLE ESTIMATE OF COST					
ALTERNATE 2 - Phase 2					
HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS					
Bid Date: TBD					
Time: 3:00 PM, Local Time					
Rapid City, South Dakota					
AES Project No. 12-012					
DEDUCT ITEMS FROM BASE BID:					
Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	2" PVC Watermain, P.R. 200 psi - SDR 21	10	LF	\$ 30.00	\$ 300.00
2.	4" PVC Watermain C-900, DR-14	36	LF	\$ 30.00	\$ 1,080.00
3.	6" PVC Watermain C-900, DR-18	3	LF	\$ 40.00	\$ 120.00
4.	2" Coupling	1	EA	\$ 250.00	\$ 250.00
5.	4" Coupling	1	EA	\$ 250.00	\$ 250.00
6.	2" High Deflection Coupling	1	EA	\$ 200.00	\$ 200.00
7.	4" High Deflection Coupling	1	EA	\$ 250.00	\$ 250.00
8.	2" - 90 Degree Bend	1	EA	\$ 250.00	\$ 250.00
9.	4" - 90 Degree Bend	2	EA	\$ 300.00	\$ 600.00
10.	4" x 4" x 2" Tee	2	EA	\$ 475.00	\$ 950.00
11.	6" x 4" Reducer	2	EA	\$ 400.00	\$ 800.00
12.	2" Gate Valve w/ Box	1	EA	\$ 900.00	\$ 900.00
13.	4" Gate Valve w/ Box	1	EA	\$ 1,200.00	\$ 1,200.00
14.	Connect to Existing Water Main	4	EA	\$ 1,000.00	\$ 4,000.00
				Subtotal (Deduct)	\$ (11,150.00)
Items to be Funded by Owner (Non SRF Eligible Costs):					
Consolidated Funding					
1.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	5	LF	\$ 25.00	\$ 125.00
2.	Reconnect Service Line	6	EA	\$ 1,000.00	\$ 6,000.00
3.	Seeding - hydroseed	0.1	AC	\$ 4,200.00	\$ 420.00
				Owner Furnished Subtotal (Deduct)	\$ 7,139.00
				(Add)	\$102,473.00
				(Deduct)	(\$11,150.00)
				Consolidated Eligible Items	\$7,139.00
				Total Eligible Alt. 2 Net Cost	\$98,462.00
Alt. 2 Installs New Watermain from Highway 44 to Big Piney Road. (Not included in Base Bid)					

8.3.16 Capacity Assessment Worksheets for Public Water Systems



**Department of
Environment and Natural Resources**

Revised January 2007

Introduction

Because you are in the process of applying for a Drinking Water State Revolving Fund (DWSRF) loan, it is necessary for you to complete the following worksheets. The Safe Drinking Water Act requires that a system applying for a DWSRF loan must demonstrate that it has financial, managerial, and technical capacity. What exactly does that mean?

- **Technical capacity** - the physical infrastructure of the water system, including but not limited to the source water adequacy, infrastructure adequacy, and technical knowledge. In other words, does your treatment system work the way it is supposed to? Are you providing the safest and cleanest water possible and required by law to your customers right now, and will you be able to in the future?
- **Managerial capacity** - the management structure of the water system, including but not limited to ownership accountability, staffing and organization, and effective linkages. In simpler terms, do you have a capable and trained staff? Do you have an effective management structure?
- **Financial capacity** - the financial resources of the water system, including but not limited to the revenue sufficiency, credit worthiness, and fiscal controls. Basically, does your system have a budget and enough revenue coming in to cover costs, repairs, and replacements?

If it is determined that your system does NOT have the required capacity, you may still qualify for a DWSRF loan if it is going to be used to ensure that your system will have the necessary capacity. If you have questions while completing the following worksheets, please call our office at **(605) 773-3754**, and we will be happy to help.

After DENR receives these worksheets, we will study them and other information located in our files to make a determination whether or not your public water system has the technical, financial, and managerial capacity to be eligible to apply for a DWSRF loan. A final report will be available upon completion of the analysis.

Applicant: Hisega Meadows Water, Inc.

Prepared by: Keith & Lona Lau (Managerial & Financial) -
605-342-2254

*Scot Licht (Technical Capacity) - 605-342-3175

Phone #: (above) *(Note: Mr. Licht is certified operator)

Date: May, 2014

Glossary of Terms

Contaminant: Any physical, chemical, biological, or radiological substance or matter in water;

Disinfectant: Any oxidant, including chlorine, chlorine dioxide, chloramine, and ozone, that is added to water in any part of the treatment or distribution process and that is intended to kill or inactivate pathogenic microorganisms;

Disinfectant contact time: The time in minutes that it takes for water to move from the point of disinfectant application or the previous point of disinfectant residual measurement to a point before or at the point where residual disinfectant concentration is measured;

Filtration: A process for removing particulate matter from the water by passing the water through porous media;

Ground Water: The supply of fresh water found beneath the surface of the ground, usually in aquifers, which is often used for supplying wells and springs;

Ground Water Under the Direct Influence of Surface Water: Any water beneath the surface of the ground with a significant occurrence of insects, macroorganisms, algae, or large-diameter pathogens such as *Giardia lamblia*; or any water with significant and relatively rapid shifts in water quality characteristics such as turbidity, temperature, conductivity, or pH which closely correlate to climatological or surface water conditions;

Maximum Contaminant Level (MCLs): The maximum permissible level of a contaminant in water delivered to any user of a public water system. MCLs are enforceable standards;

mg/L: milligrams per liter - equivalent to parts per million;

µg/L: micrograms per liter - equivalent to parts per billion;

NTU: nephelometric turbidity unit;

psi: pounds per square inch

Surface Water: All water that is open to the atmosphere and subject to surface runoff;

Turbidity: A cloudy condition in water due to suspended silt or organic matter; and

Waiver: A process used by the Department of Environment and Natural Resources that allows a public water system to reduce or eliminate monitoring for a particular chemical.

The Technical Portion of your System

Your Water Supply

Please check the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section or question does not apply to your system, please check NA for not applicable.***

Water Supply and Existing Demands	Yes	No	Unknown	NA
Do you know how much water you pump on an average day? Amount: <u>42,000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how much water you pump on a peak day? Amount: <u>75,000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know the maximum amount of water you can pump from your source? Amount: <u>120 gal/min</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is your source capacity higher than your peak day demand? Percentage higher or lower: <u>1000% or more</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you meet peak demand without pumping at peak capacity for extended periods? Longest time pumping at peak demand: <u>24 hrs. for limited time</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you been able to provide adequate volumes of water during drought cycles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you had to restrict usage at any time for any reason? Please specify: <u>During power outage</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have an emergency or supplemental water supply? Please specify: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have an Emergency Response Plan that will allow you to meet system demand during a drought or shortage, such as the loss of the largest source? <i>If yes, please attach.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Demand	Yes	No	Unknown	NA
Do you know whether your system demands will be growing, declining, or remain stable over the next ten years? Please check: <input type="checkbox"/> growing , <input type="checkbox"/> declining , or <input checked="" type="checkbox"/> stable .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your source have additional water available for appropriation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a water right? Water right permit number(s): _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If you have large commercial, industrial, or irrigation users, do you know their long-term plans and understand their needs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchased Water	Yes	No	Unknown	NA
If you purchase water from another system or a wholesaler, do you know their long-term plans?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a contract to purchase water? If yes, with whom? <u>City of Rapid City</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you currently staying within your contract?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you knowledgeable about other demands being placed on the same water source that you are using?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Alternative Sources	Yes	No	Unknown	NA
Are alternative water sources possibly available to you?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you knowledgeable of the characteristics and costs of using alternative sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Source	Yes	No	Unknown	NA
Do you know the depth of your well? <i>Depth</i> not applicable _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you know the geologic name of the aquifer system from which your water is drawn? <i>If yes, geologic name:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all abandoned water sources properly managed and disconnected to prevent accidental contamination or problems with current water system facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment - Microbiological Contamination

Is your system using surface water or ground water under the influence of surface water? yes no
(If you checked "no", skip to the next section - Ground Water Systems - unless your water system requires treatment other than just disinfection.)

Surface Water Systems

Filtration Plant Condition	Yes	No	Unknown	NA
Is your filter plant in good physical condition (free from spalling concrete, peeling paint)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If constructed more than 20 years ago, have treatment processes been upgraded to meet current standards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are repair parts available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have redundancy (back-ups/automatic switch-overs) for all major mechanical units? <i>If no, list units you do NOT have redundancy for:</i> _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can your plant achieve a filtered water turbidity of 0.3 NTU?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have on-line continuous turbidimeters on each filter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you adopted a turbidity goal lower than the standard? <i>If yes, list goal:</i> daily _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have the capability to add coagulant before the filter?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ground Water Systems

Ground Water Under the Influence of Surface Water	Yes	No	Unknown	NA
Is your water free from variations in turbidity and temperature after storm events?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Well Construction and Protection				

Do you know when your well was constructed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
List year: _____				
Is your well(s) constructed according to current South Dakota regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you have a source water protection plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is your wellhead finished with a pitless adapter that will prevent contamination from surface water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Disinfection

Do you disinfect? yes no (If "no", skip to the Infrastructure - Pumping section)

Disinfection	Yes	No	Unknown	NA
Do you regularly inspect and maintain your disinfection / chlorination equipment? Type of Equipment: <u>injector pump</u> How often? <u>daily</u> Disinfectant used: <u>liquid chlorine</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have back-up equipment? Type: <u>2 pumps</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have adequate contact time following disinfection and before the first user in the distribution system (30 minutes for ground water systems)? Contact time: <u>5m's. (will increase)</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you detect a chlorine residual at taps at the ends of the distribution system? Free Chlorine Residual: <u>1.6 ppm</u> Total Chlorine Residual: <u>n/a</u> (if using chloramines)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Disinfection By-Products

Treatment for the Control of Disinfection By-Products	Yes	No	Unknown	NA
If you treat surface water, are you already practicing or could you adopt "enhanced coagulation" in your current plant?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If you treat surface water, could you still meet current contact-time requirements if disinfection were not allowed before sedimentation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment - Security

Treatment Security	Yes	No	Unknown	NA
Has the system implemented procedures to improve security of its facilities? (i.e. limiting access to sensitive sites, protecting computer and control equipment etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are chemicals used for treatment properly stored and secure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the water system track chemical usage? (i.e. a sudden	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

increase in usage may signal potential contamination or tampering.

Infrastructure - Pumping

Condition of Pumping Equipment	Yes	No	Unknown	NA
Do you routinely inspect for signs of pump or pump motor problems? <i>How often:</i> <u>daily</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Once diagnosed, are problems corrected in a timely enough manner to avoid crisis financing, costly repairs, and unscheduled downtime?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you hire a qualified pump contractor to perform an inspection of all pumping equipment, identify potential problems, and perform maintenance, on an annual basis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standby/Emergency Power Equipment	Yes	No	Unknown	NA
Is there sufficient standby/emergency power capacity to supply 100% of the average daily demand of the system (excluding fire demand)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are any existing standby/emergency power equipment, controls and switches tested or exercised routinely under load conditions, for at least 30 minutes at a time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the local electric utility been made aware of the standby/emergency power provisions made by the water system, so that they can reinforce and safeguard the electrical facilities serving the water operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Infrastructure - Storage

Storage Capacity	Yes	No	Unknown	NA
Does the system have sufficient gravity-flow (non-pumped) or emergency generator-supported pumping capability to ensure adequate distribution storage to provide safe and adequate service for up to 24 hours without power? <i>If no, how long:</i> _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there reserve capacity in the tank for fire protection support? <i>Amount:</i> _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Measures	Yes	No	Unknown	NA
Are any openings, such as vent pipes, screened to protect against the entrance of small animals, birds, and small insects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are access hatches locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank and the immediate surrounding area fenced?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Systems	Yes	No	Unknown	NA
Is there a high and low water level signal system to control the pumps?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is there a drain valve or hydrant to allow for draining of the tank?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank Maintenance				
Is the tank inspected at least every three years by a qualified tank contractor for evidence of corrosion or pitting, leakage, and structural weakness?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank contractor capable of analyzing the coating of paint on the interior and exterior surfaces of the tank to determine if it contains lead or other hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Infrastructure - Distribution

System Maintenance	Yes	No	Unknown	NA
Do you have an accurate map of your distribution system that indicates main sizes and valve locations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the operator routinely flush, test, and maintain the hydrants in the system? <i>How often:</i> twice a year	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the locations of valves in the mains and curb stops on the service lines precisely known?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system keep a log of distribution system breaks to identify weak areas in the system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are histories, locations, size, and type of mains and service lines detailed on records in a secure area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all valves exercised and lubricated periodically?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the system free of severe "water hammer" problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are meter pits, pressure regulating valves, altitude valves, blow-offs, and other appurtenances maintained on a regular basis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unaccounted-for Water				
Is unaccounted-for water in the water system monitored and analyzed each month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the unaccounted-for water less than 15 percent of the total water delivered to the mains? <i>List percentage of unaccounted for water:</i> 10-15 ___ %	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Pressure				
Are the normal operating pressures in the distribution system between 25 psi and 125 psi? <i>Normal operating pressure:</i> 70 ___ psi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a routine leak detection and repair program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all sources of supply and customers metered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the meters calibrated and tested routinely to ensure their accuracy and reliability?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality in Distribution System				
Does your system have an active cross-connection control program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are any inspections for cross-connections performed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program for installing and testing backflow prevention devices where potential contamination is present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to eliminate "dead-ends" in the mains, where feasible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Standards	Yes	No	Unknown	NA
Are the majority of your mains 6 inches in diameter or larger? <i>List percentage: less than 10%</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to gradually replace sub-standard sized mains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there suitable rights-of-way and easements provided to the water system for expansion, maintenance, and replacement of mains and services?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there sufficient earth cover (six feet) to protect the mains from frost damage or heavy loads, if driven over?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are materials of mains designed and selected to resist corrosion, electrolysis, and deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distribution System Problems	Yes	No	Unknown	NA
Do you receive any complaints regarding water quality (taste, odor, color, etc.)? <i>List number of complaints/year: 2-3</i> <i>Most common complaint: class 1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you maintain adequate pressure in the distribution system under all conditions of flow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Management Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Operation & Maintenance

Operations Staff	Yes	No	Unknown	NA
Does the person operating your system have current water treatment plant and water distribution operator certification credentials from DENR? <i>If yes, list classification(s):</i> <u>class 1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your operator receive additional training on an ongoing basis to keep current on new developments in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Future Operational Demands	Yes	No	Unknown	NA
Does your water system obtain any regular or occasional technical assistance from outside sources, such as DENR, your engineer, other utilities or organizations specifically dedicated to providing technical assistance? <i>If yes, who</i> <u>Rural Water & Midwest Assistance</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Management & Administration

Who's in Charge?	Yes	No	Unknown	NA
Is there a clear plan of organization and control among the people responsible for management and operation of the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have written personnel policies and job descriptions signed by the employees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the limits of the operator's authority clearly known?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone involved in operations know who is responsible for each area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for scheduling work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	Yes	No	Unknown	NA
Does the system have procedures for handling new and terminated employees (i.e. collecting keys, changing locks and computer passwords)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rules and Standards	Yes	No	Unknown	NA
Do you have explicit rules and standards for system modifications?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have rules governing new hook-ups?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a water main extension policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have standard construction specifications to be followed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	Unknown	NA
Do you have measures to assure cross-connection control and backflow prevention?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have policies or rules describing customer rights and responsibilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulatory Compliance Program	Yes	No	Unknown	NA
Do you fully understand monitoring requirements and have a scheduling mechanism to assure compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how to obtain clarification or explanation of requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a mechanism to obtain the most recent information on regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you maintain adequate records to document compliance? <i>If yes, for how long?</i> up to 10 years	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any violations of the primary drinking water standards in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any monitoring or reporting violations in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know what to do in the event of a violation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergencies	Yes	No	Unknown	NA
Do you have an Emergency Response Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a contingency for making emergency interconnections to neighboring systems, and do you know they will work if needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone involved in operations know what they are to do in the event of contamination from a toxic hazardous waste spill in your source water or a main break or a tank failure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a clear chain-of-command protocol for emergency action?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for emergency operations, for communications with state regulators, for customer relations, for media relations? <i>If yes, who (title):</i> _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety	Yes	No	Unknown	NA
Do you have a safety program defining measures to be taken if someone is injured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the entire staff been properly trained in the location and use of safety equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone understand the risks and safety measures involved in handling water treatment chemicals?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have written operating procedures for both routine and emergency system operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you fully aware of Occupational Safety and Health Administration (OSHA) confined space (such as trenches/manholes) regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system work with customers to promote their awareness of security?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system have a communication plan to alert customers of a natural or intentional threat to public health?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Maintenance	Yes	No	Unknown	NA
Do you have a planned maintenance management system -- a system for scheduling routine preventive maintenance (line flushing, pumps, meters, storage tanks, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a system for assuring adequate inventory of essential spare parts and back-up equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have relationships with contractors and equipment vendors to assure prompt priority service?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have records and data management systems for system operating and maintenance data, for regulatory compliance data, and for system management and administration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Management Capability	Yes	No	Unknown	NA
Are you getting the outside services and technical assistance you need? Do you have adequate legal counsel, insurance, engineering advice, technical/operations assistance, rate case preparation, and financial advice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Financial Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Financial Planning Mechanisms	Yes	No	Unknown	NA
Does your system develop and follow an annual budget that is approved by the governing body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the governing body review a monthly summary of revenues and expenses of the utility system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have within the annual budget separate reserve accounts for equipment replacement, capital improvement, depreciation or security upgrades? <i>If so, list accounts:</i> <u>10 % USDA set aside</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system have reserve funds available in the event of an emergency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a capital budget or capital improvement plan that projects future capital investment needs some distance (at least five years) into the future?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a process for scheduling and committing to capital projects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your planning process take account of all the potential capital needs suggested by your answers to the technical questions in these worksheets?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your long-term planning incorporate analysis of alternative strategies that might offer cost saving to customers, such as consolidation with other nearby systems or sharing of operations and management expenses with other nearby systems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rates/Billing - Are they Adequate?	Yes	No	Unknown	NA
Do you regularly review your rates? <i>How often?</i> <u>yearly</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a plan in place for periodic increases in rates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the rate structure based on metered watered use? <i>List rates per 1000 gallons:</i> <u>7/1/14: \$85+\$4/1,000 gal's.</u> (i.e. \$22 minimum plus \$2.50/1000 gallons)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the rate per 1000 gallons change as consumption increases? <i>If so, please describe:</i> <u>Yes (see above) plus a bump-up if over 15,000 gal's.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the rate structure assure proportionality among users?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have procedures for billing and collection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is your billing collection rate greater than 95%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have collection procedures specifically for delinquent accounts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financial Planning Mechanisms - Are they Adequate?	Yes	No	Unknown	NA
Does your system have audited financial statements prepared by a certified public accountant (CPA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water system income exceed operating expenses (including debt service)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water utility support other enterprise funds or the general fund?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system require revenues from other enterprise funds or the general fund for normal operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you employ standardized accounting and tracking systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you track budget performance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you keep records to substantiate depreciation of fixed assets and accounting for reserve funds?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are financial management recordkeeping systems organized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised over expenditures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised to keep from exceeding your budget?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there purchasing procedures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system's governing body review this assessment before returning it to the South Dakota Department of Environment and Natural Resources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financial Spreadsheet

Applicant: Hisega Meadows Water, Inc.
Completed by: Larry Deibert, Board President & Bill Lass, BHCLG
Date: 6/11/14

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
Enter Year:	2012-13	2013-14	2014-15	2015-16	2016-17
1. Beginning Cash on Hand	\$195,107	\$259,080	\$328,979	\$401,620	\$422,277
2. Cash Receipts:					
a. Unmetered Water Revenue					
b. Metered Water Revenue	\$210,650	\$211,705	\$232,815	\$234,045	\$235,000
c. Other Water Revenue	\$1,890	\$2,100	\$2,000	\$2,000	\$2,000
d. Total Water Revenues (2a through 2c)	\$212,540	\$213,805	\$234,815	\$236,045	\$237,000
e. Connection Fees	\$275		\$1,000		
f. Interest and Dividend Income	\$2,900	\$1,152	\$1,000	\$1,000	\$1,000
g. Other Income		\$64			
h. Total Cash Revenues (2d through 2g)	\$215,715	\$215,021	\$236,815	\$237,045	\$238,000
i. Transfers in/Additional Rev Needed					
j. Loans, Grants or other Cash Please specify					
Membership Deposits	\$13,425	\$10,962			
3. Total Cash Receipts (2h through 2j)	\$229,140	\$225,983	\$236,815	\$237,045	\$238,000
4. Total Cash Available (1+3)	\$424,247	\$485,063	\$565,794	\$638,665	\$660,277
5. Operating Expenses					
a. Salaries and wages	\$40,657	\$44,000	\$44,800	\$45,600	\$46,200
b. Employee Pensions and Benefits - Payroll taxes	\$9,606	\$10,855	\$11,050	\$11,400	\$11,750
c. Purchased Water		\$740	\$740	\$740	\$740
d. Purchased Power	\$5,398	\$5,321	\$5,500	\$5,700	\$5,900
e. Fuel for Power Production					
f. Chemicals	\$3,439	\$3,317	\$4,200	\$4,500	\$4,800
g. Materials and Supplies	\$20,551	\$11,943	\$12,540	\$13,000	\$13,500
h. Engineering Services					
i. Contractual Services - Other					
j. Equip. Rent/Real Property	\$1,725	\$1,389	\$2,000	\$2,200	\$2,400
k. Transportation Expenses		\$474	\$1,400	\$1,400	\$1,500
l. Laboratory	\$2,408	\$515	\$700	\$1,000	\$1,100
m. Insurance	\$9,415	\$9,000	\$9,400	\$9,700	\$10,000
n. Regulatory Commission Expenses, Act. & Attorney	\$13,881	\$3,300	\$1,220	\$3,760	\$4,000
o. Advertising	\$74	\$520	\$120	\$400	\$450
p. Miscellaneous	\$3,689	\$10,386	\$9,600	\$10,000	\$10,200
q. Total Cash O&M Expenses (5a through 5p)	\$110,843	\$101,760	\$103,270	\$109,400	\$112,540
r. Replacement Expenditures					
s. Total OM&R Expenditures (5q+5r)	\$110,843	\$101,760	\$103,270	\$109,400	\$112,540
t. Loan Principal/Capital Lease Payments	\$10,410	\$10,520	\$10,660	\$10,800	\$10,940
u. Loan Interest Payments	\$43,914	\$43,804	\$43,664	\$43,524	\$43,384
v. Transfers Out					
w. Capital Purchases (specify):					
SRF Debt Serv. (Phase 1)			\$6,580	\$15,964	\$15,964
Proposed SRF Debt Serv.(Ph.2)				\$36,700	\$36,700
x. Other					
6. Total Cash Paid Out (5s through 5x)	\$165,167	\$156,084	\$164,174	\$216,388	\$219,528
7. Ending Cash Position (4 - 6)	\$259,080	\$328,979	\$401,620	\$422,277	\$440,749

USDA
RD
Loan

Financial Spreadsheet

Applicant: Hisega Meadows Water, Inc.

Completed by: Larry Deibert, Board President & Bill Lass, BHCLG

Date: 6/11/14

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
8. Number of Customer Accounts	196	189	193	195	196
9. Avg Annual User Charge Account (2d/8)	\$1,084	\$1,131	\$1,217	\$1,210	\$1,209
10. Coverage Ratio (2h-5s)/(5t+5u)	1.9	2.1	2.5	2.3	2.3
11. Operating Ratio (2d/5s)	1.9	2.1	2.3	2.2	2.1
12. Additions to Reserve Funds for the Year:					
a. Debt Service Reserve	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000
b. Bond Retirement Reserve					
c. Capital Improvement Reserve					
d. Replacement Reserve					
e. Other	\$196,000	\$196,000	\$196,000	\$196,000	\$196,000
13. Total Reserves (12a through 12e)	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
14. Year End Operating Cash (7 - 13)	\$9,080	\$78,979	\$151,620	\$172,277	\$190,749

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DeSmet and Biggs, LLP
Certified Public Accountants

Dennis O. DeSmet, CPA
Teresa A. Biggs, CPA

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REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN
AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS

To the Board of Directors
Hisega Meadows Water, Inc.

We have audited the financial statements of Hisega Meadows Water, Inc., as of and for the year ended December 31, 2011, and have issued our report thereon dated September 28, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

Internal Control over Financial Reporting

Management of Hisega Meadows Water, Inc. is responsible for establishing and maintaining effective internal control over financial reporting. In planning and performing our audit, we considered Hisega Meadows Water, Inc.'s internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Hisega Meadows Water, Inc.'s internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Hisega Meadows Water Inc.'s internal control over financial reporting.

A *deficiency* in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above. However, we identified certain deficiencies in internal control over financial reporting, described in the accompanying schedule of finding and questioned costs that we consider to be significant deficiencies in internal control over financial reporting. We consider the deficiency described in the accompanying schedule of current audit findings, and responses (item 2011-01) to be a significant deficiency in internal control over financial reporting. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN
AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS (CONTINUED)

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Hisega Meadows Water, Inc.'s financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statements amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Hisega Meadows Water, Inc.'s response to the findings identified in our audit is described in the accompanying Schedule of Current Audit Findings and Questioned Costs. We did not audit the Hisega Meadows Water, Inc.'s response and accordingly, we express no opinion on it.

This report is intended solely for the information and use of management, Board members, others within the entity, and federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Desmet and Bigg, LLP

September 28, 2012



DeSmet and Biggs, LLP
Certified Public Accountants

Dennis O. DeSmet, CPA
Teresa A. Biggs, CPA

Lonnie J. Hosman, CPA
Megan L. Kinder, CPA

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH REQUIREMENTS
THAT COULD HAVE A DIRECT AND MATERIAL EFFECT ON EACH MAJOR
PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE IN
ACCORDANCE WITH OMB CIRCULAR A-133

To the Board of Directors
Hisega Meadows Water, Inc.

Compliance

We have audited Hisega Meadows Water, Inc.'s compliance with the types of compliance requirements described in the *OMB Circular A-133 Compliance Supplement* that could have a direct and material effect on each of Hisega Meadows Water, Inc.'s major federal programs for the year ended December 31, 2011. Hisega Meadows Water, Inc.'s major federal programs are identified in the summary of auditor's results section of the accompany schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to each of its major federal programs is the responsibility of Hisega Meadows Water, Inc.'s management. Our responsibility is to express an opinion on Hisega Meadows Water, Inc.'s compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Hisega Meadows Water, Inc.'s compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of Hisega Meadows Water, Inc.'s compliance with those requirements.

In our opinion, Hisega Meadows Water, Inc. complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2011.

Internal Control over Compliance

Management of Hisega Meadows Water, Inc. is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered Hisega Meadows Water, Inc.'s internal control over compliance with the requirements that could have a direct and

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH REQUIREMENTS
THAT COULD HAVE A DIRECT AND MATERIAL EFFECT ON EACH MAJOR
PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE IN
ACCORDANCE WITH OMB CIRCULAR A-133 (CONTINUED)

material effect on a major federal program to determine the auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Hisega Meadows Water, Inc.'s internal control over compliance.

A *deficiency* in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness* in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

A *significant deficiency* in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiencies in internal control over compliance described in the accompanying Schedule of Current Audit Findings and Questioned Costs as item 2011-01 to be a significant deficiency.

Hisega Meadows Water, Inc.'s responses to the findings identified in our audit are described in the accompanying Schedule of Current Audit Findings and Questioned Costs. We did not audit Hisega Meadows Water, Inc.'s response and, accordingly, we express no opinion on the response.

This report is intended solely for the information and use of management, Board of Directors, others within the entity, and federal awarding agencies and is not intended to be and should not be used by anyone other than these specified parties. However, as required by OMB Circular A-133 and South Dakota Codified Law 4-11-11, this report is a matter of public record and its distribution is not limited.

Desmet and Biggs, LLP

September 28, 2012

HISEGA MEADOWS WATER INC.

SCHEDULE OF CURRENT AUDIT FINDINGS
AND QUESTIONED COSTS

Section I - Summary of Auditors' Results

Financial Statements:

Type of auditors' report issued: Unqualified

Internal control over financial reporting:

- Material weaknesses identified? yes no
- Significant deficiency identified that are not considered to be material weaknesses? yes no

Noncompliance material to financial statements noted? yes no

Federal Awards:

Internal control over major programs:

- Material weaknesses identified? yes no
- Significant deficiency identified that are not considered to be material weaknesses? yes no

Type of auditors' report issued on compliance for major programs: Unqualified

Identification of Major Programs:

<u>Name of Federal Program or Cluster</u>	<u>CFDA Number</u>
U.S. Department of Agriculture, Water and Waste Disposal Systems for Rural Communities	10.760

Dollar threshold used to distinguish between type A and type B programs: \$300,000

Auditee qualified as low-risk auditee? yes no

HISEGA MEADOWS WATER INC.
SCHEDULE OF CURRENT AUDIT FINDINGS
AND QUESTIONED COSTS (CONTINUED)

Section II – Current Financial Statement Findings:
Internal Control over Revenues and Expenditures.

Finding Number 2011-01

A significant deficiency was disclosed by our audit if the financial statements for lack of segregation of duties for the revenues and expenditures.

Analysis:

For the revenues and expenditures, there is a lack of segregation of duties because one or two persons perform a major portion of the procedures with limited checks and balances. This may affect the completeness and existence of transactions. This could lead to miscoding of transactions and/or transactions not being recorded.

Recommendation:

We recommend Hisega Meadows Water Inc. board members be cognizant of this lack of segregation of duties for revenues and expenditures and attempt to provide compensating internal controls whenever and wherever possible and practical.

Corrective Action Plan:

The Board President is the contact person responsible for the corrective action plan for these comments. These comments are the results of the size of Hisega Meadows Water Inc. which precludes staffing at a level sufficient to provide an ideal environment for internal controls. Hisega Meadows Water Inc. has determined it is not cost beneficial to employ additional personnel just to be able to adequately segregate duties for revenues and expenditures. They are aware of this problem and are attempting to provide compensating controls wherever and whenever possible and practical. However, this lack of segregation of duties continues to exist.



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INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Hisega Meadows Water, Inc.

We have audited the accompanying consolidated financial statements of Hisega Meadows Water, Inc. (a nonprofit organization) and affiliate as of and for the year ended December 31, 2011, which collectively comprise Hisega Meadows Water, Inc.'s financial statements as listed in the table of contents. These consolidated financial statements are the responsibility of the Organization's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standard*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Hisega Meadows Water, Inc. and affiliate as of December 31, 2011, and the respective changes in financial position and cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued our report dated September 28, 2012, on our consideration of Hisega Meadows Water, Inc.'s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise Hisega Meadows Water, Inc. financial statements as a whole. The supplementary information is presented for purposes of additional analysis and is not a required part of the financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by U.S Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*, and is also not a required part of the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with audit standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Desmet and Biggs, LLP

September 28, 2012

HISEGA MEADOWS WATER, INC.

CONSOLIDATED STATEMENT OF FINANCIAL POSITION

December 31, 2011

ASSETS

Current Assets	
Cash	\$ 162,502
Accounts receivable	<u>48,028</u>
Total current assets	<u>210,530</u>
Property and Equipment, net	<u>29,522</u>
Other Assets	
Goodwill	<u>1,011,101</u>
Total other assets	<u>1,011,101</u>
	<u>\$ 1,251,153</u>

LIABILITIES AND EQUITY

Current Liabilities	
Accounts payable	\$ 1,434
Accrued payroll and taxes	4,246
Current portion, long-term debt	<u>10,286</u>
Total current liabilities	<u>15,966</u>
Long-Term Liabilities	
Long-term debt, less current portion	<u>1,027,733</u>
Equity	
Controlling interest	
Net assets	209,831
Noncontrolling interest	
Retained earnings	<u>(2,377)</u>
Total equity	<u>207,454</u>
	<u>\$ 1,251,153</u>

The accompanying notes are an integral part of these financial statements.

HISEGA MEADOWS WATER, INC.

CONSOLIDATED STATEMENT OF ACTIVITIES

Year Ended December 31, 2011

Operating Revenues	
Water sales	\$ 108,930
Late fees	820
Total operating revenue	<u>109,750</u>
Operating Expenses	
Costs of sales and service	16,736
Administrative	58,271
Depreciation	<u>2,377</u>
Total operating expenses	<u>77,384</u>
Operating Income	<u>32,366</u>
Nonoperating Income (Expenses)	
Membership dues	195,000
Interest expense	<u>(22,181)</u>
	<u>172,819</u>
Net Income	205,185
Equity	
Controlling interest	
Unrestricted net assets, beginning	2,269
Noncontrolling interest	
Retained earnings, beginning	<u>-</u>
Ending balance	<u>\$ 207,454</u>

The accompanying notes are an integral part of these financial statements.

HISEGA MEADOWS WATER, INC.

CONSOLIDATED STATEMENT OF CASH FLOWS

Year Ended December 31, 2011

Cash Flow from Operating Activities	\$ 205,185
Net income (loss)	
Adjustments to reconcile net income to net cash provided (used) by operating activities:	
Depreciation	2,377
(Increase) decrease in assets:	
Accounts receivable	(48,028)
Increase (decrease) in liabilities:	
Accounts payable	1,434
Accrued payroll and taxes	4,246
Net Cash Provided by Operating Activities	<u>165,214</u>
Cash Flow from Investing Activities	<u>(1,043,000)</u>
Purchase of C&J Sanders, Inc. stock	<u>(1,043,000)</u>
Net Cash Used in Investing Activities	<u>(1,043,000)</u>
Cash Flow from Financing Activities	(4,981)
Principal payments on long-term debt	<u>1,043,000</u>
Proceeds from long-term debt	<u>1,038,019</u>
Net Cash Provided by Financing Activities	<u>160,233</u>
Net Increase in Cash	2,269
Cash and cash equivalents, beginning of year	<u>2,269</u>
Cash and cash equivalents, end of year	<u>\$ 162,502</u>
Supplemental Disclosures of Cash Flow Information	
Cash paid for interest	<u>\$ 22,181</u>

The accompanying notes are an integral part of these financial statements.

HISEGA MEADOWS WATER, INC.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Organization, Nature of Activities and Significant Accounting Policies

Organization and Nature of Activities

Hisega Meadows Water, Inc. (the Organization) was incorporated February 14, 2007 as a private, nonprofit organization under the laws of the State of South Dakota. The Organization was incorporated for the purpose of financing, constructing, maintaining and operating a water distribution system for its members.

On June 27, 2011, the Organization purchased the stock of C & J Sanders, Inc. (the Subsidiary). The Subsidiary owns all of the operating fixed assets, water rights, permits, contracts, licenses, etc. of the water distribution system. All operations are done within the Organization.

Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Organization and its wholly-owned subsidiary, C&J Sanders Inc. All significant intercompany transactions and balances have been eliminated in the consolidation.

Basis of Accounting

The consolidated financial statements have been prepared on the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred.

Basis of Presentation

The Organization is required to report information regarding its financial position and activities according to three classes of net assets: unrestricted net assets, temporarily restricted net assets, and permanently restricted net assets. The Organization has no temporarily or permanently restricted net assets.

Cash and Cash Equivalents

For the purpose of consolidated statement of cash flows, the Organization considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents. There were no cash equivalents at December 31, 2011.

Allowance for Doubtful Accounts

The Organization carries its accounts receivable at cost, less an allowance for doubtful accounts, if an allowance is deemed necessary. The Organization deemed all accounts fully collectible at December 31, 2011.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Organization, Nature of Activities and Significant Accounting Policies (continued)

Property and Equipment

Property and equipment are carried at cost and depreciated over their estimated useful life. Depreciation is computed using the straight-line method based on the following estimated useful lives:

Water distribution system	7-20 years
Equipment, furniture and fixtures	5-10 years

Expenditures for major renewals and betterments that extend the useful lives of the equipment are capitalized. Expenditures for maintenance and repair are charged to expense as incurred.

Use of Estimates

The preparation of the consolidated financial statements in conformity with accounting principles generally accepted in the United States of America requires the use of estimates based on management's knowledge and experience. Due to their prospective nature, actual results could differ from those estimates.

Income Taxes

The Organization does not file a consolidated tax return with its subsidiary and is exempt from income taxes under Section 501 (c) (12) of the Internal Revenue Code.

The subsidiary does file a tax return and is subject to taxes on any net earnings.

The Organization and Subsidiary have adopted the provisions of FASB ASC 740-10-25, which prescribes a recognition threshold and measurement attribute for the recognition and measurement of tax positions taken or expected to be taken in income tax return. The Organization and Subsidiary do not have any accruals for uncertain tax positions as of December 31, 2011. It is not anticipated that unrecognized tax benefits would significantly increase or decrease within 12 months of the reporting date.

The Subsidiary's tax returns are subject to examination by the IRS, generally for three years after they are filed. Current open years are 2008, 2009 and 2010.

Subsequent Events – Date of Management Evaluation

The Organization evaluates events or transactions that occur subsequent to year end for potential recognition or disclosure in the financial statements through the date on which the financial statements are available to be issued. The financial statements were approved by management and available to be issued on September 28, 2012.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 2. Property and Equipment

At December 31, 2011, the costs and accumulated depreciation of property and equipment consisted of the following:

	C & J Sanders, Inc.		
	Cost	Accumulated Depreciation	Total
Water distribution system	\$ 83,385	\$ 71,812.00	\$ 11,573
Equipment, furniture and fixtures	27,966	14,667	13,299
Land	4,650	-	4,650
Total Debt	<u>\$ 116,001</u>	<u>\$ 86,479</u>	<u>\$ 29,522</u>

Depreciation expense for property and equipment for the year ended December 31, 2011 was \$2,377.

Note 3. Long-term Debt

Long-term debt consists of the following at December 31, 2011:

Note payable to the U.S. Department of Agriculture, monthly payments of \$4,527, interest of 4.25%, due June 2051: Secured by present and future equipment, goods, revenue and income, receivables, deposit accounts, and water permit and contract rights.	\$ 1,038,019
Total long-term debt	\$ 1,038,019
Less: current maturities	<u>(10,286)</u>
Long-term debt, net of current maturities	<u>\$ 1,027,733</u>

Maturities of long-term debt:

2012	\$ 10,286
2013	10,857
2014	11,327
2015	11,818
2016	12,211
Thereafter	<u>981,520</u>
	<u>\$ 1,038,019</u>

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 3. Long-term Debt (continued)

Interest expense for the year ended December 31, 2011 was \$22,181.

Note 4. Water Revenue and Member Assessments

Water users are billed each month for their water usage for that period based on a self-billing system. The monthly minimum charge is \$80 plus \$0.30 per hundred gallons of water used. Each member is required to read their own meter and submit a bill with payment within ten days of the end of the month. Nonpayment within thirty days from the due date may result in the water being shut off.

Members are assessed a one-time membership fee in the amount of \$1,000 for their first active meter.

Note 5. Subsequent Events

In March 2012, the Organization established a line of credit agreement with First Interstate Bank to borrow up to \$100,000. The interest rate fluctuates daily and is equal to 3.000% over The Wall Street Journal Prime. The interest rate at March 12, 2012 was 6.250%. The line of credit is unsecured.

HISEGA MEADOWS WATER, INC.

SCHEDULE I - CONSOLIDATING STATEMENT OF FINANCIAL POSITION

December 31, 2011

ASSETS

	<u>Hisega</u>	<u>C&J</u>	<u>Eliminations</u>	<u>Consolidated</u>
Current Assets				
Cash	\$ 162,502	\$ -	\$ -	\$ 162,502
Accounts receivable	48,028	-	-	48,028
Total current assets	<u>210,530</u>	<u>-</u>	<u>-</u>	<u>210,530</u>
Property and Equipment, net	-	29,522	-	29,522
Long-term investment	1,043,000	-	(1,043,000)	-
Other Assets				
Goodwill	-	-	1,011,101	1,011,101
Total other assets	-	-	<u>1,011,101</u>	<u>1,011,101</u>
	<u>\$ 1,253,530</u>	<u>\$ 29,522</u>	<u>\$ (31,899)</u>	<u>\$ 1,251,153</u>

LIABILITIES AND EQUITY

	<u>Hisega</u>	<u>C&J</u>	<u>Eliminations</u>	<u>Consolidated</u>
Current Liabilities				
Accounts payable	\$ 1,434	\$ -	\$ -	\$ 1,434
Accrued payroll and taxes	4,246	-	-	4,246
Current portion, long-term debt	10,286	-	-	10,286
Total current liabilities	<u>15,966</u>	<u>-</u>	<u>-</u>	<u>15,966</u>
Long-Term Liabilities				
Long-term debt, less current portion	1,027,733	-	-	1,027,733
Equity				
Controlling interest				
Net Assets	209,831	-	-	209,831
Noncontrolling interest				
Common stock (\$100 par value; 1000 shares authorized, 141 shares issued and outstanding)	-	14,100	(14,100)	-
Retained earnings	-	15,422	(17,799)	(2,377)
Total equity	<u>209,831</u>	<u>29,522</u>	<u>(31,899)</u>	<u>207,454</u>
	<u>\$ 1,253,530</u>	<u>\$ 29,522</u>	<u>\$ (31,899)</u>	<u>\$ 1,251,153</u>

HISEGA MEADOWS WATER, INC.

SCHEDULE II - CONSOLIDATING STATEMENT OF ACTIVITIES

Year Ended December 31, 2011

	<u>Hisega</u>	<u>C&J</u>	<u>Eliminations</u>	<u>Consolidated</u>
Operating Revenues				
Water sales	\$ 108,930	\$ -	\$ -	\$ 108,930
Late fees	820	-	-	820
Total operating revenue	<u>109,750</u>	<u>-</u>	<u>-</u>	<u>109,750</u>
Operating Expenses				
Costs of sales and service	16,736	-	-	16,736
Administrative	58,271	-	-	58,271
Depreciation	-	2,377	-	2,377
Total operating expenses	<u>75,007</u>	<u>2,377</u>	<u>-</u>	<u>77,384</u>
Operating Income	<u>34,743</u>	<u>(2,377)</u>	<u>-</u>	<u>32,366</u>
Nonoperating Expenses				
Membership Dues	195,000	-	-	195,000
Interest expense	(22,181)	-	-	(22,181)
	<u>172,819</u>	<u>-</u>	<u>-</u>	<u>172,819</u>
Net Income	207,562	(2,377)	-	205,185
Equity				
Controlling interest				
Unrestricted net assets, beginning	2,269	-	-	2,269
Noncontrolling interest				
Retained earnings, beginning	-	17,799	(17,799)	-
Ending balance	<u>\$ 209,831</u>	<u>\$ 15,422</u>	<u>\$ (17,799)</u>	<u>\$ 207,454</u>

HISEGA MEADOWS WATER, INC.

SCHEDULE IV - CONSOLIDATING SCHEDULE OF OPERATING EXPENSES

Year Ended December 31, 2011

	<u>Hisega</u>	<u>C&J</u>	<u>Eliminations</u>	<u>Consolidated</u>
Costs of sales and service:				
Chemicals	\$ 1,950	\$ -	\$ -	\$ 1,950
Filters	3,088	-	-	3,088
Parts and repairs	9,926	-	-	9,926
Water tests	1,772	-	-	1,772
	<u>\$ 16,736</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 16,736</u>
Administrative:				
Bank charges	179	-	-	179
Dues and subscriptions	510	-	-	510
Professional fees	20,150	-	-	20,150
Insurance	4,399	-	-	4,399
Miscellaneous	56	-	-	56
Office supplies	1,670	-	-	1,670
Postage	680	-	-	680
Rent expense	25	-	-	25
Telephone and utilities	3,145	-	-	3,145
Real estate and other taxes	386	-	-	386
Wages and taxes	27,071	-	-	27,071
	<u>\$ 58,271</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 58,271</u>

HISEGA MEADOWS WATER, INC

SCHEDULE V - SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Year Ended December 31, 2011

	<u>CFDA Number</u>	<u>Amount</u>
U.S. Department of Agriculture:		
Water and Waste Disposal Systems for Rural Communities (Note 1)	10.760	\$ 1,043,000
Total expenditures of federal awards		<u>\$ 1,043,000</u>

Note 1. This represents a major federal financial assistance program.

Note 2. The significant accounting policies used to prepare this schedule are the same significant accounting policies as disclosed in the Notes to Consolidated Financial Statements.



**CLIENT COPY
2012 TAX RETURN**

James Postma, CPA

ph: 605.343.7700 fax: 605.343.2161
550 N. 5th Street #309 Rapid City, SD 57709
email: jp@jamespostmacpa.com

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

2012

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

▶ The organization may have to use a copy of this return to satisfy state reporting requirements.

A For the 2012 calendar year, or tax year beginning 07-01 , 2012, and ending 06-30 , 2013																
B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">C Name of organization Hisega Meadows Water Inc</td> <td>D Employer identification no. 20-8561749</td> </tr> <tr> <td colspan="2">Doing Business As</td> <td></td> </tr> <tr> <td colspan="2">Number and street (or P.O. box if mail is not delivered to street address) Room/suite PO Box 9486</td> <td>E Telephone number (605)737-4444</td> </tr> <tr> <td colspan="2">City, town or post office, state, and ZIP code Rapid City, SD 57709-9486</td> <td>215,715</td> </tr> <tr> <td colspan="2">F Name and address of principal officer:</td> <td>G Gross receipts \$</td> </tr> </table>	C Name of organization Hisega Meadows Water Inc		D Employer identification no. 20-8561749	Doing Business As			Number and street (or P.O. box if mail is not delivered to street address) Room/suite PO Box 9486		E Telephone number (605)737-4444	City, town or post office, state, and ZIP code Rapid City, SD 57709-9486		215,715	F Name and address of principal officer:		G Gross receipts \$
C Name of organization Hisega Meadows Water Inc		D Employer identification no. 20-8561749														
Doing Business As																
Number and street (or P.O. box if mail is not delivered to street address) Room/suite PO Box 9486		E Telephone number (605)737-4444														
City, town or post office, state, and ZIP code Rapid City, SD 57709-9486		215,715														
F Name and address of principal officer:		G Gross receipts \$														
I Tax-exempt status: <input type="checkbox"/> 501(c)(3) <input checked="" type="checkbox"/> 501(c)(12) (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527																
J Website: N/A																
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶																
L Year of formation: 2007	M State of legal domicile: SD															

H(a) Is this a group return for affiliates? Yes No

H(b) Are all affiliates included? Yes No
If "No," attach a list. (see instructions)

H(c) Group exemption number ▶

Part I Summary

Activities & Governance	1	Briefly describe the organization's mission or most significant activities: <u>The organization was formed to provide water to its members who live within its service area. The objective of the organization is that any individuals or entities can become members upon submitting an application and paying a hookup fee and then monthly water usage rates.</u>		
	2	Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
	3	Number of voting members of the governing body (Part VI, line 1a)	3	5
	4	Number of independent voting members of the governing body (Part VI, line 1b)	4	4
	5	Total number of individuals employed in calendar year 2012 (Part V, line 2a)	5	4
	6	Total number of volunteers (estimate if necessary)	6	
	7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0
	b Net unrelated business taxable income from Form 990-T, line 34	7b	0	
Revenue	8	Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9	Program service revenue (Part VIII, line 2g)	212,077	212,540
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)		0
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)		3,175
	12	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	212,077	215,715
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)		0
	14	Benefits paid to or for members (Part IX, column (A), line 4)		0
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	52,341	50,263
	16a	Professional fundraising fees (Part IX, column (A), line 11e)		0
	b	Total fundraising expenses (Part IX, column (D), line 25)		0
	17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	124,357	107,975
	18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	176,698	158,238	
	19 Revenue less expenses. Subtract line 18 from line 12	35,379	57,477	
Fund Balances or Net Assets or	20	Total assets (Part X, line 16)	Beginning of Current Year	End of Year
	21	Total liabilities (Part X, line 26)	1,263,516	1,312,362
	22	Net assets or fund balances. Subtract line 21 from line 20	1,225,868	1,215,532
			37,648	96,830

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	<u>Larry Deibert</u> Signature of officer	Date
	<u>Larry Deibert, President</u> Type or print name and title	

Paid Preparer Use Only	Print/Type preparer's name James Postma	Preparer's signature	Date 12-02-2013	Check <input checked="" type="checkbox"/> if self-employed	PTIN P00411786
	Firm's name ▶ James Postma CPA	Firm's EIN ▶		Phone no.	
	Firm's address ▶ PO Box 5508 Rapid City SD 57709			605-343-7700	

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response to any question in this Part III

1 Briefly describe the organization's mission: The organization was formed to provide water to its members who live within its service area.

The objective of the organization is that any individuals or entities can become members upon submitting an application and paying a hookup fee and then monthly water usage rates.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? No

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? No

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses, Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ 158,238 including grants of \$) (Revenue \$) The objective of the entity is to set water usage fees at a level that covers the debt service payments, the costs to treat, purify, and deliver the water as well as covering minimal general operations costs, and finally to have a sinking fund to cover major repairs as well as eventual fixed asset replacement. In the fiscal year ending June 30, 2013, the entity provided 9,249,330 gallons of water to its 196 members.

4b (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services. (Describe in Schedule O.) (Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses 158,238

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A		X
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?		X
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I		X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II		
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III		
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I		X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III		X
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability; serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV		X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V		X
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI	X	
b Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII		X
c Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII	X	
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX		X
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	X	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X		X
12a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII		X
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		X
14a Did the organization maintain an office, employees, or agents outside of the United States?		X
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV		X
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the United States? If "Yes," complete Schedule F, Parts II and IV		X
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the United States? If "Yes," complete Schedule F, Parts III and IV		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I (see instructions)		X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II		X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III		X
20a Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		

Part IV Checklist of Required Schedules (continued)

		Yes	No
21	Did the organization report more than \$5,000 of grants and other assistance to any government or organization in the United States on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II		X
22	Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? If "Yes," complete Schedule I, Parts I and III		X
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? If "Yes," complete Schedule J		X
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25		X
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?		
25a	Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? If "Yes," complete Schedule L, Part I		
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I		
26	Was a loan to or by a current or former officer, director, trustee, key employee, highest compensated employee, or disqualified person outstanding as of the end of the organization's tax year? If "Yes," complete Schedule L, Part II		X
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? If "Yes," complete Schedule L, Part III		X
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):		
a	A current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV		X
b	A family member of a current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV		X
c	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? If "Yes," complete Schedule L, Part IV		X
29	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M		X
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? If "Yes," complete Schedule M		X
31	Did the organization liquidate, terminate, or dissolve and cease operations? If "Yes," complete Schedule N, Part I		X
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete Schedule N, Part II		X
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I		X
34	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1		X
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?		X
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If "Yes," complete Schedule R, Part V, line 2		X
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? If "Yes," complete Schedule R, Part V, line 2		
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? If "Yes," complete Schedule R, Part VI		X
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O	X	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response to any question in this Part V

Table with columns for question number, description, and Yes/No boxes. Includes questions 1a through 14b regarding Form 1096, Form W-2G, Form W-3, Form 990-T, Form 8886-T, Form 8282, Form 8899, Form 1098-C, Form 4947(a)(1), and Form 720.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response to any question in this Part VI [X]

Section A. Governing Body and Management

Table with 5 columns: Question, Line Number, Yes, No. Rows include questions about voting members, family relationships, management delegation, significant changes, asset diversion, members, and documentation.

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 5 columns: Question, Line Number, Yes, No. Rows include questions about local chapters, written policies, conflict of interest, whistleblower policy, document retention, and compensation review.

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed
18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection.
19 Describe in Schedule O whether (and if so, how), the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, physical address, and telephone number of the person who possesses the books and records of the organization.

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response to any question in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former** directors or trustees that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) Craig Fisher Director	1.00	X					0	0	0	
(2) Larry Deibert President	1.00			X			0	0	0	
(3) Norm Tschetter Vice Pres	1.00			X			0	0	0	
(4) Randy Smart Treasurer	1.00			X			0	0	0	
(5) Ron Brown Secretary	1.00			X			0	0	0	
(6)										
(7)										
(8)										
(9)										
(10)										
(11)										
(12)										
(13)										
(14)										

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual director	Individual trustee	Officer	Key employee	Highest compensated employee	Former			
(15)										
(16)										
(17)										
(18)										
(19)										
(20)										
(21)										
(22)										
(23)										
(24)										
(25)										
1b Sub-total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)							0	0	0	

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization 0

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? If "Yes," complete Schedule J for such individual		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? If "Yes," complete Schedule J for such individual		X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? If "Yes," complete Schedule J for such person		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization ▶

Part VIII Statement of Revenue

Check if Schedule O contains a response to any question in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514
Contributions, Gifts, Grants and Other Similar Amounts	1a Federated campaigns	1a				
	b Membership dues	1b				
	c Fundraising events	1c				
	d Related organizations	1d				
	e Government grants (contributions)	1e				
	f All other contributions, gifts, grants, and similar amounts not included above	1f				
	g Noncash contributions included in lines 1a-1f: \$					
	h Total. Add lines 1a-1f					
Program Service Revenue	2a Water charges	Business Code 221000	210,650	210,650		
	b Late fees water charges	221000	1,890	1,890		
	c					
	d					
	e					
	f All other program service revenue					
	g Total. Add lines 2a-2f		212,540			
	Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)				
4 Income from investment of tax-exempt bond proceeds						
5 Royalties						
6a Gross rents		(i) Real				
		(ii) Personal				
b Less: rental expenses						
c Rental income or (loss)						
d Net rental income or (loss)						
7a Gross amount from sales of assets other than inventory		(i) Securities				
		(ii) Other				
b Less: cost or other basis and sales expenses						
c Gain or (loss)						
d Net gain or (loss)						
8a Gross income from fundraising events (not including \$ of contributions reported on line 1c). See Part IV, line 18		a				
b Less: direct expenses		b				
c Net income or (loss) from fundraising events						
9a Gross income from gaming activities. See Part IV, line 19		a				
b Less: direct expenses		b				
c Net income or (loss) from gaming activities						
10a Gross sales of inventory, less returns and allowances		a				
	b Less: cost of goods sold	b				
c Net income or (loss) from sales of inventory						
Miscellaneous Revenue		Business Code				
11a Finance Fees	221000	2,900	2,900			
b Hookup Fees	221000	275	275			
c						
d All other revenue						
e Total. Add lines 11a-11d		3,175				
12 Total revenue. See instructions		215,715	215,715	0	0	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response to any question in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.		(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1	Grants and other assistance to governments and organizations in the United States. See Part IV, line 21				
2	Grants and other assistance to individuals in the United States. See Part IV, line 22				
3	Grants and other assistance to governments, organizations, and individuals outside the United States. See Part IV, lines 15 and 16				
4	Benefits paid to or for members				
5	Compensation of current officers, directors, trustees, and key employees				
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7	Other salaries and wages	40,657	40,657		
8	Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)				
9	Other employee benefits				
10	Payroll taxes	9,606	9,606		
11	Fees for services (non-employees):				
a	Management				
b	Legal	4,964	4,964		
c	Accounting	8,917	8,917		
d	Lobbying				
e	Professional fundraising services. See Part IV, line 17				
f	Investment management fees				
g	Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.)				
12	Advertising and promotion	74	74		
13	Office expenses	883	883		
14	Information technology				
15	Royalties				
16	Occupancy	5,398	5,398		
17	Travel				
18	Payments of travel or entertainment expenses for any federal, state, or local public officials				
19	Conferences, conventions, and meetings				
20	Interest	43,691	43,691		
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	3,703	3,703		
23	Insurance	9,415	9,415		
24	Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a	Bank charges	259	259		
b	Operating supplies	8,406	8,406		
c	Dues subscriptions	60	60		
d	Miscellaneous	856	856		
e	All other expenses	21,349	21,349		
25	Total functional expenses. Add lines 1 through 24e	158,238	158,238	0	0
26	Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response to any question in this Part X

		(A) Beginning of year		(B) End of year		
Assets	1	Cash - non-interest-bearing	195,106	1	259,080	
	2	Savings and temporary cash investments		2		
	3	Pledges and grants receivable, net		3		
	4	Accounts receivable, net		4		
	5	Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L		5		
	6	Loans and other receivables from other disqualified persons (as defined under section 4985(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L		6		
	7	Notes and loans receivable, net		7		
	8	Inventories for sale or use		8	2,000	
	9	Prepaid expenses and deferred charges		9		
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a	116,001		
	b	Less: accumulated depreciation	10b	103,158	10c	12,843
	11	Investments - publicly traded securities		11		
	12	Investments - other securities. See Part IV, line 11		12		
	13	Investments - program-related. See Part IV, line 11	1,022,749	13	1,022,749	
	14	Intangible assets		14		
	15	Other assets. See Part IV, line 11	29,115	15	15,690	
16	Total assets. Add lines 1 through 15 (must equal line 34)	1,263,516	16	1,312,362		
Liabilities	17	Accounts payable and accrued expenses		17	357	
	18	Grants payable		18		
	19	Deferred revenue		19		
	20	Tax-exempt bond liabilities		20		
	21	Escrow or custodial account liability. Complete Part IV of Schedule D		21		
	22	Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L		22		
	23	Secured mortgages and notes payable to unrelated third parties	1,032,868	23	1,022,175	
	24	Unsecured notes and loans payable to unrelated third parties		24		
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	193,000	25	193,000	
	26	Total liabilities. Add lines 17 through 25	1,225,868	26	1,215,532	
Net Assets of Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.					
	27	Unrestricted net assets	37,648	27	96,830	
	28	Temporarily restricted net assets		28		
	29	Permanently restricted net assets		29		
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.					
	30	Capital stock or trust principal, or current funds		30		
	31	Paid-in or capital surplus, or land, building, or equipment fund		31		
	32	Retained earnings, endowment, accumulated income, or other funds		32		
33	Total net assets or fund balances	37,648	33	96,830		
34	Total liabilities and net assets/fund balances	1,263,516	34	1,312,362		

Part XI Reconciliation of Net Assets

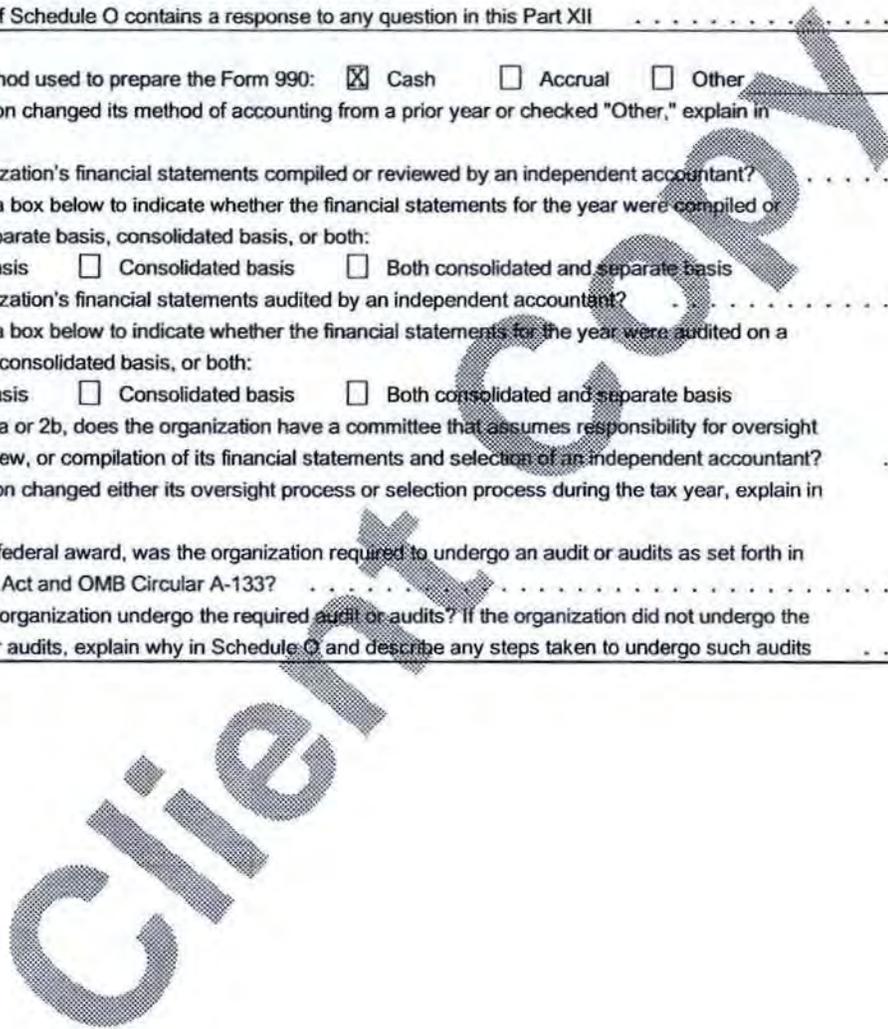
Check if Schedule O contains a response to any question in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	215,715
2	Total expenses (must equal Part IX, column (A), line 25)	2	158,238
3	Revenue less expenses. Subtract line 2 from line 1	3	57,477
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	37,648
5	Net unrealized gains (losses) on investments	5	
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	1,705
9	Other changes in net assets or fund balances (explain in Schedule O)	9	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	96,830

Part XII Financial Statements and Reporting

Check if Schedule O contains a response to any question in this Part XII

	Yes	No
1 Accounting method used to prepare the Form 990: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		X
b Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	X	
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.	X	
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	X	
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	X	



SCHEDULE D (Form 990)

Supplemental Financial Statements

OMB No. 1545-0047

2012

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Complete if the organization answered "Yes," to Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990. See separate instructions.

Name of the organization

Hisega Meadows Water Inc

Employer identification number

20-8561749

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" to Form 990, Part IV, line 6.

Table with 2 columns: (a) Donor advised funds, (b) Funds and other accounts. Rows include: 1 Total number at end of year, 2 Aggregate contributions to (during year), 3 Aggregate grants from (during year), 4 Aggregate value at end of year, 5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? (Yes/No), 6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? (Yes/No)

Part II Conservation Easements. Complete if the organization answered "Yes" to Form 990, Part IV, line 7.

Table with 2 columns: Held at the End of the Tax Year. Rows include: 1 Purpose(s) of conservation easements held by the organization (check all that apply), 2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year, 3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year, 4 Number of states where property subject to conservation easement is located, 5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? (Yes/No), 6 Staff and volunteer hours devoted to monitoring, inspecting, and enforcing conservation easements during the year, 7 Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year, 8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? (Yes/No), 9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" to Form 990, Part IV, line 8.

Table with 2 columns: Revenues included in Form 990, Part VIII, line 1; Assets included in Form 990, Part X. Rows include: 1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items. 1b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items: (i) Revenues included in Form 990, Part VIII, line 1; (ii) Assets included in Form 990, Part X. 2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items: a Revenues included in Form 990, Part VIII, line 1; b Assets included in Form 990, Part X.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

- 3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):
- a Public exhibition
 - b Scholarly research
 - c Preservation for future generations
 - d Loan or exchange programs
 - e Other _____
- 4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.
- 5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered "Yes" to Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No
- b If "Yes," explain the arrangement in Part XIII and complete the following table:
- | | Amount |
|---------------------------------|--------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 1f |
- 2a Did the organization include an amount on Form 990, Part X, line 21? Yes No
- b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

Part V Endowment Funds. Complete if the organization answered "Yes" to Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

- 2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a Board designated or quasi-endowment ▶ _____ %
 - b Permanent endowment ▶ _____ %
 - c Temporarily restricted endowment ▶ _____ %
- The percentages in lines 2a, 2b, and 2c should equal 100%.
- 3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|---|--------|----|
| (i) unrelated organizations | 3a(i) | |
| (ii) related organizations | 3a(ii) | |
| b If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land	4,650			4,650
b Buildings				
c Leasehold improvements				
d Equipment	111,351		103,158	8,193
e Other				
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).)				12,843

Part VII Investments - Other Securities. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
(I)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.)		

Part VIII Investments - Program Related. See Form 990, Part X, line 13.

(a) Description of investment type	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Investment in C J Sanders	1,022,749	Cost
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 13.)		1,022,749

Part IX Other Assets. See Form 990, Part X, line 15.

(a) Description	(b) Book value	
(1) Receivable deposits from members	15,690	
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.)		15,690

Part X Other Liabilities. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value	
(1) Federal income taxes		
(2) Security deposits from members	193,000	
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		
(11)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.)		193,000

2. FIN 48 (ASC 740) Footnote. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service
Name of the organization

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

OMB No. 1545-0047

2012

**Open to Public
Inspection**

Employer identification number

Hisega Meadows Water Inc

20-8561749

01. Form 990 governing body review (Part VI, line 11)

The Form 990 has been reviewed by the Board of Directors.

02. Governing documents, etc, available to public (Part VI, line 19)

The organization's Form 990 is available to the general public upon request.

03. List of other expenses (Part IX, line 24e)

Other expenses

Equipment Rental \$985

Repairs & Maint 15,584

Telephone 1,632

Water rights 740

Water testing \$2,408

Client Copy

Name(s) as shown on return

FEIN

Hisega Meadows Water Inc

20-8561749

Other expenses

Description	Amount
Equipment rental	\$ 985
Repairs and Maintenance	15,584
Telephone	1,632
Water Rights	740
Water Testing	2,408
Total:	\$ 21,349

Client Copy

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule I

Name **HISEGA MEADOWS WATER INC.**

Address **P.O. BOX 9486
RAPID CITY 57709**

(1) OPERATING INCOME	PRIOR YEAR Actual (2)	ANNUAL BUDGET BEG 07-01-2013 END 06-30-2014 (3)	For the 01-01-2014 Months Ended 03-31-2014		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
			CURRENT YEAR		
			Actual Data		
			Current Quarter (4)	Year To Date (5)	
1. WATER SALES	159,763	216,000	51,226	160,533	55,467
2. LATE FEES	1,540	2,040	550	1,650	390
3. FINANCE FEES	850	1,130	50	1,153	-23
4. HOOKUP FEES	275	2,000	0	0	2,000
5. Miscellaneous			33	-136	136
6. Less: Allowances and Deductions					0
7. Total Operating Income (Add lines 1 through 6)	162,428	221,170	51,859	163,200	57,970
OPERATING EXPENSES					
8. PERSONNEL	37,665	50,220	13,437	41,300	8,920
9. UTILITIES	5,137	7,200	1,666	5,158	2,042
10. REPAIRS	6,282	8,400	2,717	5,267	3,133
11. OPERATING	6,024	10,200	2,618	8,692	1,508
12. MISCELLANEOUS		1,000	250	1,054	-54
13. ADMINISTRATION	10,888	9,000	2,460	11,745	-2,745
14. PROFESSIONAL FEES	3,151	10,000	227	22,491	-12,491
15. Interest	33,154	50,100	10,890	33,154	16,946
16. Depreciation					0
17. Total Operating Expense (Add Lines 8 through 16)	-2,147,483,6	146,120	34,265	128,861	17,259
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	60,127	75,050	17,594	34,339	40,711
NONOPERATING INCOME					
19. _____					0
20. _____					0
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0
22. NET INCOME (LOSS) (Add lines 18 and 21)	60,127	75,050	17,594	34,339	40,711
23. Equity Beginning of Period					0
24. MEMBERSHIPS	198,263	3,000	2,062	10,962	-7,962
25. _____					0
26. Equity End of Period (Add lines 22 through 25)	258,390	78,050	19,656	45,301	32,749

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

- a. Are deposited funds in institutions insured by the Federal Government? Yes No
- b. Are you exempt from Federal Income Tax? Yes No
- c. Are Local, State and Federal Taxes paid current? Yes No
- d. Is corporate status in good standing with State? Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

<u>Insurance Coverage and Policy Number</u>	<u>Insurance Company and Address</u>	<u>Amount of Coverage</u>	<u>Expiration Date of Policy</u>
Property Insurance			
Policy # _____	_____	_____	_____
Liability			
Policy # _____	_____	_____	_____
Fidelity			
Policy # _____	_____	_____	_____

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

Current Quarter Year to Date

a. Number of Members _____

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)	<u>3,378,700 gal.</u>	<u>11,013,600 gal.</u>
b. Water sold (CU FT - GAL)	<u>1,644,250 gal.</u>	<u>6,926,450 gal.</u>
c. Treated waste (CU FT - GAL)	<u> gal.</u>	<u> gal.</u>
d. Number of users - water	_____	_____
e. Number of users - sewer	_____	_____

4. OTHER UTILITIES

a. Number of users _____

b. Product purchased _____

c. Product sold _____

5. HEALTH CARE BORROWERS ONLY

a. Number of beds _____

b. Patient days of care _____

c. Percentage of occupancy -2147483648 %

d. Number of outpatient visits _____

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	<u>Construction</u>	<u>Revenue</u>	<u>Debt Service</u>	<u>Operation & Maintenance</u>	<u>Reserve</u>	<u>All Others</u>	<u>Grand Total</u>
Cash	\$ _____	\$ _____	\$ _____	\$ _____	\$ <u>54,324</u>	\$ <u>263,285</u>	\$ <u>317,609</u>
Savings	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ <u>0</u>
Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
Total	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$54,324</u>	<u>\$263,285</u>	<u>\$317,609</u>

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	<u>Days</u>				<u>*Total</u>
	<u>0-30</u>	<u>31-60</u>	<u>61-90</u>	<u>91 and Older</u>	
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ <u>0</u>
Number of Accounts	_____	_____	_____	_____	<u>0</u>

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule I, Column 3 NET INCOME (LOSS) \$ 75,050

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule I) 0

2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant

2. Proceeds from others

3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities

4. Decrease (Increase) in Accounts Receivable, Inventories and

Other Current Assets (Exclude cash)

5. Other: _____

6. _____

D. Total all A, B and C Items \$75,050

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)

2. Replacement and Additions to Existing Property, Plant and Equipment

3. Principal Payment Agency Loan

4. Principal Payment Other Loans

5. Other: _____

6. Total E 1 through 5 \$0

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 75,050

Item G Cash Balances Composed of:

Construction Account \$

Revenue Account

Debt Payment Account

O&M Account

Reserve Account

Funded Depreciation Account

Others: _____

Total - Agrees with Item G \$

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name HISEGA MEADOWS WATER INC.

Address P.O. BOX 9486
RAPID CITY, S.D. 57702

(I) <u>OPERATING INCOME</u>	PRIOR YEAR <u>Actual</u> (2)	ANNUAL BUDGET		For the 10-01-2013 Months Ended 12-31-2013		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
		BEG 07-01-2013	END 06-30-2014	CURRENT YEAR		
				Actual Data		
				Current Quarter (4)	Year To Date (5)	
1. <u>WATER SALES</u>	108,746	216,000		51,965	109,307	1,066,930
2. <u>LATE FEES</u>	980	2,040		580	1,100	940
3. <u>FINANCE FEES</u>	100	1,130		275	1,103	27
4. <u>HOOKUP FEES</u>	225	2,000		0	0	2,000
5. <u>Miscellaneous</u>		0		-169	-169	169
6. <u>Less: Allowances and Deductions</u>						0
7. <u>Total Operating Income</u> (Add lines 1 through 6)	110,051	221,170		52,651	111,341	109,829
<u>OPERATING EXPENSES</u>						
8. <u>PERSONNEL</u>	25,014	50,220		13,742	27,863	223,570
9. <u>UTILITIES</u>	3,357	7,200		1,716	3,492	3,708
10. <u>REPAIRS</u>	2,925	8,400		1,632	2,550	5,850
11. <u>OPERATING SUPPLIES</u>	5,303	10,200		960	6,074	4,126
12. <u>MISCELLANEOUS</u>	0	1,000		209	804	196
13. <u>ADMINISTRATION</u>	7,985	9,000		1,742	9,285	-285
14. <u>PROFESSIONAL FEES</u>	1,431	10,000		1,162	1,323	8,677
15. <u>Interest</u>	22,264	50,100		11,132	22,264	27,836
16. <u>Depreciation</u>						0
17. <u>Total Operating Expense</u> (Add Lines 8 through 16)	68,279 2,147,483.6	146,120 2,147,483.6		32,294 2,147,483.6	73,654 2,147,483.6	72,465 273,678
18. <u>NET OPERATING INCOME (LOSS)</u> (Line 7 less 17)	41,772	75,050		20,357	37,689	37,364
<u>NONOPERATING INCOME</u>						
19. _____	0	0		0	0	0
20. _____						0
21. <u>Total Nonoperating Income</u> (Add 19 and 20)	0	0		0	0	0
22. <u>NET INCOME (LOSS)</u> (Add lines 18 and 21)	41,772	75,050		20,357	37,689	37,364
23. <u>Equity Beginning of Period</u>						0
24. <u>MEMBERSHIP</u>	7,945	3,000		8,650	8,900	-5,900
25. _____						0
26. <u>Equity End of Period</u> (Add lines 22 through 25)	49,717	78,050		29,007	46,589	31,464

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

- a. Are deposited funds in institutions insured by the Federal Government? Yes No
- b. Are you exempt from Federal Income Tax? Yes No
- c. Are Local, State and Federal Taxes paid current? Yes No
- d. Is corporate status in good standing with State? Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

Insurance Coverage and Policy Number	Insurance Company and Address	Amount of Coverage	Expiration Date of Policy
Property Insurance			
Policy # _____	_____	_____	_____
Liability			
Policy # _____	_____	_____	_____
Fidelity			
Policy # _____	_____	_____	_____

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

Current Quarter

Year to Date

a. Number of Members _____ _____

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)	3,202,600 gal.	7,634,920 gal.
b. Water sold (CU FT - GAL)	1,863,790 gal.	5,282,150 gal.
c. Treated waste (CU FT - GAL)	_____ gal.	_____ gal.
d. Number of users - water	433	433
e. Number of users - sewer	_____	_____

4. OTHER UTILITIES

a. Number of users _____

b. Product purchased _____

c. Product sold _____

5. HEALTH CARE BORROWERS ONLY

a. Number of beds _____

b. Patient days of care _____

c. Percentage of occupancy -2147483648 % -2147483648 %

d. Number of outpatient visits _____

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	Construction	Revenue	Debt Service	Operation & Maintenance	Reserve	All Others	Grand Total
Cash	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Savings	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
and Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	Days				*Total
	0-30	31-60	61-90	91 and Older	
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Number of Accounts	_____	_____	_____	_____	0

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule 1, Column 3 NET INCOME (LOSS) \$ 75,050

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule 1) 0

2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant

2. Proceeds from others

3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities

4. Decrease (Increase) in Accounts Receivable, Inventories and

Other Current Assets (Exclude cash)

5. Other: _____

6. _____

D. Total all A, B and C Items \$75,050

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)

2. Replacement and Additions to Existing Property, Plant and Equipment

3. Principal Payment Agency Loan

4. Principal Payment Other Loans

5. Other: _____

6. Total E 1 through 5 \$0

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 75,050

Item G Cash Balances Composed of:

Construction Account \$

Revenue Account

Debt Payment Account

O&M Account

Reserve Account

Funded Depreciation Account

Others: _____

Total - Agrees with Item G \$

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name **HISEGA MEADOWS WATER INC.**

Address **P.O. BOX 9486
RAPID CITY. 57709**

(1) <u>OPERATING INCOME</u>	PRIOR YEAR <u>Actual</u> (2)	ANNUAL BUDGET BEG <u>07-01-2013</u> END <u>06-30-2014</u> (3)	For the <u>07-01-2013</u> Months Ended <u>09-30-2013</u>		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
			CURRENT YEAR		
			Actual Data		
			Current Quarter (4)	Year To Date (5)	
1. WATER SALES	209,787	216,000	57,342	57,342	158,658
2. LATE FEES	1,560	2,040	520	520	1,520
3. FINANCE FEES	580	1,130	828	828	302
4. HOOKUP FEES	150	2,000			2,000
5. Miscellaneous					0
6. Less: Allowances and Deductions					0
7. Total Operating Income (Add lines 1 through 6)	212,077	221,170	58,690	58,690	162,480
<u>OPERATING EXPENSES</u>					
8. PERSONEL	49,162	50,220	14,121	14,121	36,099
9. UTILITIES	6,591	7,200	1,776	1,776	5,424
10. REPAIRS	13,282	8,400	918	918	7,482
11. OPERATING SUPP.	11,943	10,200	5,114	5,114	5,086
12. MISEALLANEOUS	961	1,000	595	595	405
13. ADMINISTRATIVE	14,225	9,000	7,543	7,543	1,457
14. PROFESSIONAL	32,632	10,000	161	161	9,839
15. Interest	44,044	50,100	11,132	11,132	38,968
16. Depreciation					0
17. Total Operating Expense (Add Lines 8 through 16)	172,840	146,120	41,360	41,360	104,760
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	39,237	75,050	17,330	17,330	57,720
<u>NONOPERATING INCOME</u>					
19. _____					0
20. _____					0
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0
22. NET INCOME (LOSS) (Add lines 18 and 21)	39,237	75,050	17,330	17,330	57,720
23. Equity Beginning of Period					0
24. MEMBERSHIP	102,985	3,000	250	250	2,750
25. _____					0
26. Equity End of Period (Add lines 22 through 25)	142,222	78,050	17,580	17,580	60,470

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

- a. Are deposited funds in institutions insured by the Federal Government? Yes No
- b. Are you exempt from Federal Income Tax? Yes No
- c. Are Local, State and Federal Taxes paid current? Yes No
- d. Is corporate status in good standing with State? Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

Insurance Coverage and Policy Number	Insurance Company and Address	Amount of Coverage	Expiration Date of Policy
Property Insurance			
Policy # _____	_____	_____	_____
Liability			
Policy # _____	_____	_____	_____
Fidelity			
Policy # _____	_____	_____	_____

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

Current Quarter Year to Date

a. Number of Members _____

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)	4,432,300 gal.	4,432,300 gal.
b. Water sold (CU FT - GAL)	3,418,360 gal.	3,418,360 gal.
c. Treated waste (CU FT - GAL)	_____ gal.	_____ gal.
d. Number of users - water	_____	_____
e. Number of users - sewer	_____	_____

4. OTHER UTILITIES

a. Number of users	_____	_____
b. Product purchased	_____	_____
c. Product sold	_____	_____

5. HEALTH CARE BORROWERS ONLY

a. Number of beds	_____	_____
b. Patient days of care	_____	_____
c. Percentage of occupancy	-2147483648 %	-2147483648 %
d. Number of outpatient visits	_____	_____

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	Construction	Revenue	Debt Service	Operation & Maintenance	Reserve	All Others	Grand Total
Cash	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Savings and Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	Days				*Total
	0-30	31-60	61-90	91 and Older	
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Number of Accounts	_____	_____	_____	_____	0

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule 1, Column 3 NET INCOME (LOSS) \$ 75,050

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule 1) 0

2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant

2. Proceeds from others

3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities

4. Decrease (Increase) in Accounts Receivable, Inventories and

Other Current Assets (Exclude cash)

5. Other: _____

6. _____

D. Total all A, B and C Items \$75,050

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)

2. Replacement and Additions to Existing Property, Plant and Equipment

3. Principal Payment Agency Loan

4. Principal Payment Other Loans

5. Other: _____

6. Total E 1 through 5 \$0

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 75,050

Item G Cash Balances Composed of:

Construction Account \$ _____

Revenue Account

Debt Payment Account

O&M Account

Reserve Account

Funded Depreciation Account

Others: _____

Total - Agrees with Item G \$ _____

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name HISEGA MEADOWS WATER INC.

Address P.O. BOX 9486 RAPID CITY, S.D.

(1) <u>OPERATING INCOME</u>	<u>PRIOR YEAR Actual</u> (2)	ANNUAL BUDGET BEG <u>07-01-2012</u> END <u>06-30-2013</u> (3)	For the <u>04-01-2013</u> Months Ended <u>06-03-2013</u>		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
			CURRENT YEAR		
			Actual Data		
			Current Quarter (4)	Year To Date (5)	
1. WATER SALES	209,787	211,000	50,886	210,649	351
2. LATE FEES	1,560	1,500	350	1,890	-390
3. FINANCE FEES	580	500	2,050	2,900	-2,400
4. HOOKUP FEES	150			275	-275
5. Miscellaneous					0
6. Less: Allowances and Deductions					0
7. Total Operating Income (Add lines 1 through 6)	212,077	213,000	53,286	215,714	-2,714
<u>OPERATING EXPENSES</u>					
8. PERSONNEL	49,162	55,000	12,597	50,262	✓ 4,738
9. UTILITIES	6,591	7,000	1,840	6,977	✓ 23
10. REPAIRS	13,282	24,000	9,666	15,978	8,022
11. OPERATING SUPPLIES	11,943	15,000	2,382	8,406	6,594
12. MISCELLANEOUS	961	1,300			1,300
13. ADMINISTRATIVE	14,225	12,500	4,480	15,368	-2,868
14. PROFESSIONAL	32,632	12,000	10,729	13,880	-1,880
15. Interest	44,044	44,000	11,011	44,165	✓ -165
16. Depreciation					0
17. Total Operating Expense (Add Lines 8 through 16)	172,840	170,800	52,705	155,036	15,764
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	39,237	42,200	581	60,678	-18,478
<u>NONOPERATING INCOME</u>					
19. _____					0
20. _____					0
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0
22. NET INCOME (LOSS) (Add lines 18 and 21)	39,237	42,200	581	60,678	-18,478
23. Equity Beginning of Period					0
24. MEMBERSHIP FEES	102,985	5,500	2,680	200,943	-195,443
25. _____					0
26. Equity End of Period (Add lines 22 through 25)	142,222	47,700	3,261	261,621	-213,921

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

- a. Are deposited funds in institutions insured by the Federal Government? Yes No
- b. Are you exempt from Federal Income Tax? Yes No
- c. Are Local, State and Federal Taxes paid current? Yes No
- d. Is corporate status in good standing with State? Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

Insurance Coverage and Policy Number	Insurance Company and Address	Amount of Coverage	Expiration Date of Policy
Property Insurance			
Policy # _____	_____	_____	_____
Liability			
Policy # _____	_____	_____	_____
Fidelity			
Policy # _____	_____	_____	_____

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

Current Quarter

Year to Date

a. Number of Members _____

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)	3893530 gal.	14982730 gal.
b. Water sold (CU FT - GAL)	1970730 gal.	9250330 gal.
c. Treated waste (CU FT - GAL)	_____ gal.	_____ gal.
d. Number of users - water	_____	_____
e. Number of users - sewer	_____	_____

4. OTHER UTILITIES

- a. Number of users _____
- b. Product purchased _____
- c. Product sold _____

5. HEALTH CARE BORROWERS ONLY

- a. Number of beds _____
- b. Patient days of care _____
- c. Percentage of occupancy -2147483648 %
- d. Number of outpatient visits _____

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	Construction	Revenue	Debt Service	Operation & Maintenance	Reserve	All Others	Grand Total
Cash	\$ _____	\$ 204755	\$ _____	\$ _____	\$ 54324	\$ _____	\$ 0
Savings and Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	Days				*Total
	0-30	31-60	61-90	91 and Older	
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Number of Accounts	_____	_____	_____	_____	0

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule 1, Column 3 NET INCOME (LOSS) \$ 42,200

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule 1) 0

2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant

2. Proceeds from others

3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities

4. Decrease (Increase) in Accounts Receivable, Inventories and

Other Current Assets (Exclude cash)

5. Other: _____

6. _____

D. Total all A, B and C Items \$42,200

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)

2. Replacement and Additions to Existing Property, Plant and Equipment

3. Principal Payment Agency Loan

4. Principal Payment Other Loans

5. Other: _____

6. Total E 1 through 5 \$0

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 42,200

Item G Cash Balances Composed of:

Construction Account \$

Revenue Account

Debt Payment Account

O&M Account

Reserve Account

Funded Depreciation Account

Others: _____

Total - Agrees with Item G \$

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name **HISEGA MEADOWS WATER INC.**

Address **P.O. BOX 9486 RAPID CITY S.D. 57702**

(i) OPERATING INCOME	PRIOR YEAR Actual (2)	ANNUAL BUDGET BEG 07-01-2012 END 06-30-2013 (j)	For the 01-01-2013 Months Ended 03-31-2013		
			CURRENT YEAR		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
			Actual Data		
			Current Quarter (4)	Year To Date (5)	
1. WATER FEES <input checked="" type="checkbox"/>	158,121	211,000	51,017	159,763	51,237
2. LATE CHARGES	1,180	1,500	560	1,540	-40
3. FINANCE FEES	80	500	750	850	-350
4. HOOKUP FEES			50	275	-275
5. Miscellaneous					0
6. Less: Allowances and Deductions					0
7. Total Operating Income (Add lines 1 through 6)	159,381	213,000	52,377	162,428	50,572
OPERATING EXPENSES					
8. PERSONNEL	36,714	55,000	12,651	37,665	17,335
9. UTILITIES	4,817	7,000	1,780	5,137	1,863
10. REPAIRS	11,328	24,000	3,357	6,282	17,718
11. MISCELLANEOUS	961	1,300	0	0	1,300
12. ADMINISTRATIVE	9,156	12,500	2,903	10,888	1,612
13. OPERATING	8,854	15,000	721	6,024	8,976
14. PROFESSIONAL FEES	22,466	12,000	1,720	3,151	8,849
15. Interest	33,033	44,000	10,890	33,154	10,846
16. Depreciation					0
17. Total Operating Expense (Add Lines 8 through 16)	127,329	170,800	34,022	102,301	68,499
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	32,052	42,200	18,355	60,127	-17,927
NONOPERATING INCOME					
19.					0
20.					0
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0
22. NET INCOME (LOSS) (Add lines 18 and 21)	32,052	42,200	18,355	60,127	-17,927
23. Equity Beginning of Period	87,504				0
24. MEMBERSHIPS	96,206	5,500	2,800	198,263	-192,763
25.					0
26. Equity End of Period (Add lines 22 through 25)	215,762	47,700	21,155	258,390	-210,690

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

- a. Are deposited funds in institutions insured by the Federal Government? Yes No
- b. Are you exempt from Federal Income Tax? Yes No
- c. Are Local, State and Federal Taxes paid current? Yes No
- d. Is corporate status in good standing with State? Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

Insurance Coverage and Policy Number	Insurance Company and Address	Amount of Coverage	Expiration Date of Policy
Property Insurance			
Policy # _____	_____	_____	_____
Liability			
Policy # _____	_____	_____	_____
Fidelity			
Policy # _____	_____	_____	_____

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

	Current Quarter	Year to Date
a. Number of Members	_____	_____

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)	2,996,97 gal.	10,889,2 gal.
b. Water sold (CU FT - GAL)	1,759,40 gal.	7,279,60 gal.
c. Treated waste (CU FT - GAL)	_____ gal.	_____ gal.
d. Number of users - water	_____	_____
e. Number of users - sewer	_____	_____

4. OTHER UTILITIES

a. Number of users	_____	_____
b. Product purchased	_____	_____
c. Product sold	_____	_____

5. HEALTH CARE BORROWERS ONLY

a. Number of beds	_____	_____
b. Patient days of care	_____	_____
c. Percentage of occupancy	-2147483648 %	-2147483648 %
d. Number of outpatient visits	_____	_____

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	Construction	Revenue	Debt Service	Operation & Maintenance	Reserve	All Others	Grand Total
Cash	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Savings	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
and Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Total	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	Days				
	0-30	31-60	61-90	91 and Older	*Total
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Number of Accounts	_____	_____	_____	_____	0

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule 1, Column 3 NET INCOME (LOSS) \$ 42,200

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule 1) 0

2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant

2. Proceeds from others

3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities

4. Decrease (Increase) in Accounts Receivable, Inventories and

Other Current Assets (Exclude cash)

5. Other: _____

6. _____

D. Total all A, B and C Items \$42,200

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)

2. Replacement and Additions to Existing Property, Plant and Equipment

3. Principal Payment Agency Loan

4. Principal Payment Other Loans

5. Other: _____

6. Total E 1 through 5 \$0

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 42,200

Item G Cash Balances Composed of:

Construction Account \$

Revenue Account

Debt Payment Account

O&M Account

Reserve Account

Funded Depreciation Account

Others: _____

Total - Agrees with Item G \$

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name **HISEGA MEADOWS WATER INC.**

Address **P.O. BOX 9486 RAPID CITY S.D. 57709**

(1) OPERATING INCOME	PRIOR YEAR Actual (2)	ANNUAL BUDGET BEG 07-01-2012 END 06-30-2013 (3)	For the 07-01-2012 Months Ended 09-30-2012		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
			CURRENT YEAR		
			Actual Data		
			Current Quarter (4)	Year To Date (5)	
1. WATER SALES	209,787	211,000	55,419	55,419	155,581
2. LATE CHARGES	1,560	1,500	490	490	1,010
3. FINANCE FEE	580	500	100	100	400
4. HOOKUP FEES	150	0	225	225	-225
5. Miscellaneous					0
6. Less: Allowances and Deductions					0
7. Total Operating Income (Add lines 1 through 6)	212,077	213,000	56,234	56,234	156,766
OPERATING EXPENSES					
8. PERSONAL	49,162	55,000	12,512	12,512	42,488
9. UTILITIES	6,591	7,000	1,725	1,725	5,275
10. REPAIRS	13,282	24,000	1,875	1,875	22,125
11. OPERATING SUPPLIES	11,943	15,000	3,053	3,053	11,947
12. MISCELLANEOUS	961	1,300	0	0	1,300
13. ADMINISTRATIVE	14,225	12,500	1,883	1,883	10,617
14. PROFESSIONAL	32,632	12,000	159	159	11,841
15. Interest	44,044	44,000	11,132	11,132	32,868
16. Depreciation					0
17. Total Operating Expense (Add Lines 8 through 16)	172,840	170,800	32,339	32,339	138,461
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	39,237	42,200	23,895	23,895	18,305
NONOPERATING INCOME					
19.					0
20.					0
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0
22. NET INCOME (LOSS) (Add lines 18 and 21)	39,237	42,200	23,895	23,895	18,305
23. Equity Beginning of Period					0
24. MEMBER FEE	102,985	5,500	3,445	3,445	2,055
25.					0
26. Equity End of Period (Add lines 22 through 25)	142,222	47,700	27,340	27,340	20,360

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

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**BY-LAWS
OF
HISEGA MEADOWS WATER, INC.
A Non-Profit Corporation**

ARTICLE I.

General Purposes

The purposes for which the Corporation is formed and the powers which it may exercise are set forth in the Articles of Incorporation of the Corporation.

This Corporation shall be known as Hisega Meadows Water, Inc., incorporated under the laws of the State of South Dakota.

ARTICLE II.

Name and Location

Section 1. The name of the Corporation is Hisega Meadows Water, Inc.

Section 2. The principal office and place of business of the Corporations shall be located at the P.O. Box 9486 Rapid City, South Dakota, 57709, but the Corporation may maintain offices and places of business at other places within or without the State as the Board of Directors may determine from time to time.

ARTICLE III.

Seal of the Corporation

Section 1. The Corporation shall not have a Corporate Seal Unless required by applicable law or adopted by the Board.

ARTICLE IV.

Fiscal Year

The fiscal year of the Corporation shall commence on January 1st and end on

December 31st of each year.

ARTICLE V.

Governing Body

This Corporation shall be governed by a Board of Directors consisting of five (5) Directors to be elected by the members of the Corporation from time to time in such manner as is hereinafter provided. Such Board shall meet immediately after the adjournment of the Annual Membership Meeting or as soon thereafter as is practical, not later than the next regularly scheduled Board Meeting, and shall organize by electing a President, Vice-President, Secretary, and Treasurer from their own number.

ARTICLE VI.

Membership Qualifications

Section 1. Membership in the Corporation shall consist of those persons, firms, associations or bodies politic owning land situated within the area to be served by the water system of the Corporation and reasonably accessible thereto, who have made application for membership in the Corporation, and who have agreed to pay such fees as shall be required by the Corporation, from time to time, and enter into such agreements with the Corporation for the purchase of water as are required by the Corporation from time to time.

Section 2. A person, firm, association, corporation or body politic shall become a member of HISEGA MEADOWS WATER, INC., by completing the following requirements:

- a. Making a written application for membership and/or service and having such application accepted by the Corporation.
- b. Agreeing to purchase water from the Corporation.
- c. Agreeing to comply with and be bound by Articles of Incorporation and By-Laws of the Corporation and any rules and regulations adopted by the Board

of Directors, and

- d. Paying such hook-up, connection or other fees as shall be established by the Board of Directors from time to time; provided, however, that no person, firm, association or corporation shall become a member unless and until he/she or it has been accepted for membership by the Board of Directors. No member may hold more than one (1) membership in the Corporation; and no membership in the Corporations shall be transferable except as provided in these By-Laws.

ARTICLE VII.

Membership

Section 1. Membership in the Corporation shall be evidenced by enrolling the name of the member on the membership list maintained by the Corporation at the Corporation headquarters.

Section 2. Transfers of membership shall be made only upon the books of the Corporation, only to persons eligible to become members and only with the approval of the Board of Directors and only when the member transferring is free from indebtedness to the Corporation.

Section 3. No member of the Corporation shall be entitled to more than one (1) vote on each issue to be voted on at meetings of the members. Every member, upon becoming a member of the Corporation, agrees to sign such Agreement for the purchase of water from the Corporation as may, from time to time, be provided and required by the Corporation, and shall pay therefore such rates as shall from time to time be fixed by the Board of Directors; provided, however, that the Board of Directors may limit the amount of water which the Corporation shall be required to furnish any one member. Each member shall pay the Corporation such minimum amount per month, regardless of the amount of water consumed, as shall be fixed by the Board of Directors from time to time. Each member shall also pay all amounts owed by him/her to the Corporation as and when the same shall become due and payable.

Section 4. If a member ceases to be eligible to hold membership as provided herein,

or willfully fails to comply with these By-Laws and other requirements, or willfully obstructs the purposes and proper activities of the Corporation, the Corporation, through the Board of Directors, may elect to terminate his/her membership. Any member, whose membership is so terminated for a cause other than that of ceasing to be eligible, may appeal from the decision of the Board of Directors to a vote of the members at the next regular meeting of the members or a special meeting of the members called for such purpose. Membership fees are non-refundable.

Section 5. A membership held in the name of a husband or a wife shall entitle either to exercise the nominating and voting privilege of said membership, but not both. Said membership would also qualify either the husband or the wife as a member for the purpose of running for the office of Director, but not both. When a partnership, corporation, or association holds a membership, a duly acknowledged voting delegate of said partnership, corporation, or association may exercise the voting privilege.

ARTICLE VIII.

Meetings of Members

Section 1. Annual Meeting The Annual Meeting of the members of this Corporation shall be held in the month of April of each year on a date designated by the Board of Directors. The date, time and place shall be designated in the Notice of the Meeting. It shall be the responsibility of the Board of Directors to make adequate plans and preparations for the Annual Meeting. Failure to hold the Annual Meeting at the designated time shall not work a forfeiture or dissolution of the Corporation.

Section 2. Special Meetings Special Meetings of the members may be called by resolution of the Board of Directors or upon a written request signed by any three (3) Directors, by the President, or by twenty (20) percent or more of all of the members and it shall thereupon be the duty of the Secretary to cause Notice of such meeting to be given as hereinafter provided. Special Meetings of the members must be held within sixty (60) days from the date of receipt of special request therefore and shall be held at such time and at such place as shall be determined by the Board of Directors.

Section 3. Notice Notice of meetings of members of the Corporation shall be given by Notice mailed to each member of record directed to the address shown upon the books of the Corporation at least ten (10) days prior to the meeting. Such Notice shall state the nature, time, place and purpose of the meeting, but no failure or irregularity of Notice of any annual meeting, regularly held, shall affect any proceedings taken thereat.

Section 4. Quorum Ten (10) percent of the membership votes, eligible to be cast, shall constitute a quorum for the transaction of business at any meeting. Quorums can be established by proxy. Unless such quorum is present, no business shall be transacted. If, however, such quorum shall not be present at any regular or special meeting, the members present shall have power to adjourn the meeting without notice, other than announcement at the meeting, until a quorum is present. Once a quorum is established, any business may be transacted which might have been transacted at the meeting as originally called.

Section 5. Vote Each member shall be entitled to one (1) vote on each issue to be voted on. All questions shall be decided by a vote of a majority of the members voting thereon in person, except as otherwise provided by law, the Articles of Incorporation or these By-Laws. Voting by proxy shall be allowed.

ARTICLE IX.

Directors

Section 1. General Powers The business and affairs of the Corporation shall be managed by a Board of five (5) Directors who shall exercise all of the powers of the Corporation except such as are by law, the Articles of Incorporation or these By-Laws conferred upon or reserved to the members.

Section 2. Election and Tenure of Office The Directors shall be elected for a term of three (3) years, provided, however, that the initial terms of Directors are staggered so that two (2) Director terms shall expire in three (3) years; two (2) Director terms shall expire in two (2) years; and one (1) Director terms will expire in one (1) year. Each Director shall hold office for the term for which elected and until a successor shall have been elected and qualified.

Section 3. Nomination and Election of Directors Directors shall be nominated and

elected at the Annual Meeting. Whenever a vacancy in a Director position shall exist, nominations may be made from the floor at the Annual Meeting for candidates to fill the Director term. Any member or his/her spouse may nominate one (1) candidate for each Director position to be filled. Nominations shall remain open until no further nominations are received. In the event there are no more Director nominees than there are vacancies, the Director candidates may be elected by voice vote. In the event there are more Director nominees than there are vacancies, following the closing of nominations, members shall vote by secret written ballot for as many Directors as there are Director positions open. The Director candidates receiving the most number of votes shall be declared to be the elected Directors of the Corporation.

Section 4. Vacancies If the office of Director or officers shall become vacant for any cause, the remaining Directors may choose a successor, who shall serve to the next Regular or Special Meeting of the members when the vacancy shall be filled.

Section 5. Director Qualifications To qualify to serve as a Director of this Corporation, a person must meet the following requirements, to-wit:

- a. Must be a member of the Corporation.
- b. Must have a permanent residence in the service territory of the Corporation.
- c. Must not be financially involved in any competing enterprise.

ARTICLE X.

Meetings of Directors

Section 1. Annual Meeting The Annual Meeting of the Board of Directors may be held without notice immediately after and at the same place as the Annual Meeting of the members or as designated by the Board. Regular Meeting of the Board of Directors shall be held at least quarterly at such time and place as the Board of Directors may provide by resolution. Such regular meetings may be held without Notice, other than such resolution fixing the time and place thereof.

Section 2. Special Meetings Special Meetings of the Board of Directors may be called by the President or by any three (3) Directors and it shall thereupon be the duty of the Secretary to cause Notice of such meeting to be given as hereinafter provided. The President or the Directors calling the meeting shall fix the time and place for the holding of the meeting.

Section 3. Notice Written notice of time, place and purpose of any Special Meeting of the Board of Directors shall be delivered to each Director not less than five (5) days previous thereto, either personally, by mail, by phone, electronically, or at the direction of the Secretary or upon a default in duty by the Secretary, by the President or the Directors calling the meeting. If mailed, such Notice shall be deemed to be delivered when deposited in the United States Mail addressed to the Director, at his address, as it appears on the records of the Corporation, with postage thereon fully prepaid. A written waiver signed by the Director or Directors desiring to waive same, as provided herein, may waive written notice.

Section 4. Quorum Three (3) members of the Board shall constitute a quorum for conducting business, provided, however, that if less than three (3) of the Directors are present at such meeting, a majority of the Directors present may adjourn the meeting from time to time, and provided, further, that the Secretary shall notify any absent Directors of the time and place of such adjourned meeting. The act of the majority of the Directors present at a meeting, which a quorum is present, shall be the act of the Board of Directors.

ARTICLE XI.

Officers

Section 1. The officers of the Corporation shall be shall be the President, Vice-President, Secretary, Treasurer and such other officers as may be determined by the Board of Directors from time to time. The offices of Secretary and Treasurer may be held by the same person.

Sections 2. The officers shall be elected by ballot annually by and from the Board of Directors at the meeting of the Board of Directors held immediately after the Annual Meeting of the members or as soon it may be conveniently held. Each officer shall hold office until the first meeting of the Board of Directors following the next succeeding Annual Meeting of the members or until his successor shall have been elected and shall have qualified. The Board of Directors for the remaining portion of the term shall fill a vacancy in any office.

Section 3. Any officer or agent elected or appointed by the Board of Directors may be removed by the Board of Directors whenever, in its judgment, the best interests of the Corporation will be served.

ARTICLE XII.

Duties of Officers

Section 1. President The President shall:

- a. Be the principal executive officer of the Corporation and, unless otherwise determined by the members or the Board of Directors, shall preside at all meetings of the members and the Board of Directors.
- b. Sign, with the Secretary, any deeds, mortgages, deeds of trust, notes, bonds, contracts, or other instruments authorized by the Board of Directors to be executed, except in cases in which the signing and execution thereof shall be expressly delegated by the Board of Directors or by these By-Laws to some other officer or agent of the Corporation, or shall be required by law to be

otherwise signed or executed.

- c. In general, perform all duties incident to the office of President and such other duties as may be prescribed by the Board of Directors from time to time.

Section 2. Vice-President In the absence of the President, or in the event of his inability or refusal to act, the Vice-President shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all of the restrictions upon the President. The Vice-President shall also perform such other duties as, from time to time, may be assigned to him by the Board of Directors.

Section 3. Secretary The Secretary shall be responsible for:

- a. Keeping the Minutes of the Board of Directors in one (1) or more books provided for that purpose.
- b. Arranging all notices are made in accordance with the By-Laws or as required by law.
- c. The safekeeping of the Corporate records in accordance with the provisions of these By-Laws.
- d. Arranging for a complete copy of the Articles of Incorporation and By-Laws of the Corporation containing all amendments thereto to be maintained at the Corporation's principal Office.
- e. Signing with the President, legal documents authorized by the Board of Directors, unless the signing of such documents has been delegated to other officers, agents or employed personnel.
- f. Keeping a register of the names, telephone numbers and addresses of all members to be kept up to date.
- g. Insuring annual reports are filed with the Secretary of State and other reporting agencies.
- h. Performing such other duties as are assigned to him/her, by the Board of Directors.

Section 4. Treasurer The Treasurer shall be responsible for:

- a. Custody of all funds and securities of the Corporation.
- b. The receipt of and issuance of receipts for all monies due and payable to the Corporation, and the deposit of all such monies in the name of the Corporation in such bank, or banks as are selected by the Board of Directors.
- c. Reviewing the Corporation's financial and accounting records and making any necessary recommendations to the Board of Directors.
- d. Insuring required tax and financial reports are filed with appropriate reporting agencies.
- e. The Board of Directors assigns the general performance of all duties incident to the office of Treasurer and such other duties as to him.

Section 5. The Treasurer and any other officer or agent of the Corporation charged with the responsibility for the custody of any of its funds or property shall give bond in such sum with such surety as the Board of Directors shall determine. The Board of Directors, in its discretion, may require any other officer, agent or employee of the Corporation to give bond in such amount and with such surety, as it shall determine. The expense of such bond shall be a legal obligation of the Corporation. Appropriate insurance may be substituted for bonds.

ARTICLE XIII.

Board of Directors – Duties

Section 1. The Board of Directors, subject to the restrictions of the law, the Articles of Incorporation, and the By-Laws, shall exercise all of the power of the Corporation; and, without prejudice to or limitation upon their general powers, it is hereby expressly provided that the Board of Directors shall have, and are given, full power and authority to perform the duties and functions hereinafter set forth, to-wit:

- a. To select and appoint all officers, agents or employees of the Corporation or remove such agents or employees of the Corporation for just cause, prescribe

such duties and designate such powers as may be consistent with these By-Laws, fix their compensation and pay for faithful services. Compensation of officers and directors may be discussed at any regular or special meeting by the members of the Corporation and shall be voted on by a mail ballot in accordance with Article VIII, Section 5. Board members may be reimbursed for Corporation business expenses, not to exceed \$50 without prior Board approval.

- b. To borrow from any source, money, goods or services and to make and issue notes and other negotiable and transferable instruments, mortgages, deeds of trust and trust agreements and to do every act and thing necessary to effectuate the same.
- c. To prescribe, adopt and amend, uniform rules, regulations, policies, directives, fees and rates or other matters as they, in their discretion, may deem essential or convenient for the conduct of the business and affairs of the Corporation and the guidance and control of its officers and employees, and to prescribe adequate penalties for the breach thereof.
- d. To require all officers, agents and employees charged with responsibility for the custody of any funds or property of the Corporation give bond in such sum and security as determined by the Board of Directors. The Corporation shall pay the cost of such bond. Appropriate insurance may be substituted for bonds.
- e. To select one (1) or more banks to act as depositories of the funds of the Corporation and to determine the manner of receiving, depositing and disbursing the funds of the Corporation and the form of checks and the person or persons signing such checks and the form thereof at will.

ARTICLE XIV.

Contracts, Loans and Deposits

Section 1. Contracts. The board of Directors may authorize any officer(s) or agents

(s), to enter into any contract or execute and deliver any instrument in the name of the Corporation, on behalf of the Corporation, and such authority may be general or confined to specific instances.

Section 2. Loans. No loan shall be contracted on behalf of the Corporation and no evidences of indebtedness shall be issued in its name unless authorized by a resolution of the Board of Directors. Such authority may be general or confined to specific instances

Section 3. Deposits. All funds received by the Corporation shall be deposited in a timely manner to Corporate accounts in banks, trust companies or other depositaries as designated by the Board of Directors.

ARTICLE XV.

Non-Profit Operation

Section 1. The Corporation shall, at all times, be operated on a non-profit basis for the mutual benefit of its members. No interest or dividend shall be paid or payable by the Corporation on any capital furnished by its members.

Section 2. The Corporation shall install, maintain and or purchase/operate a public water system from the source of the water supply to its qualified members and patrons under such policies, rules and regulations as shall be adopted by the Board or Directors from time to time.

Section 3. The Board of Directors shall, from time to time, make such rules, regulations, policies and directives as shall be necessary for the efficient operation of a rural water system and shall generally be responsible for the efficient operation of said system.

Section 4. In the event of dissolution, the Board of Directors shall first pay lawful debts and liabilities of the Corporation. Any remaining assets may be transferred to any other or several non-profit like organizations or political subdivisions having one (1) or more purposes in common with this Corporation. If no such organization can be reasonably found, the remaining assets shall be distributed to the members in an equitable manner.

ARTICLE XVI.

Miscellaneous

Section 1. Membership in Other Organizations The Corporation shall not become a member of or purchase stock in any other organization without an affirmative vote of the members at a duly held meeting, such Notice of which shall specify that action is to be taken upon such proposed membership or stock purchased; provided, however that the Corporation may, upon the authorization of the Board of Directors, purchase stock in or become a member of any Corporation or organization organized on a non-profit basis for the purpose of engaging in or furthering the cause of rural water systems, or of any other organization, when in the opinion of the Board of Directors, such membership will promote the interests of the Corporation.

Section 2. Waiver of Notice. Any member or Director may waive in writing any Notice of a meeting required to be given by these By-Laws, either before or after such meeting. The attendance of a member or Director at any meeting shall constitute a Waiver of Notice of such meeting by such member or Director, except in the case a member or Director shall attend a meeting for the express purpose of objecting to the transaction or any business on the grounds that the meeting was not lawfully called or convened.

Section 2. Policies, Rules, and Regulations The Board of Directors shall have the power to make and adopt such policies, rules and regulations, not inconsistent with law, the Articles of Incorporation or these By-Laws, as it may deem advisable for the management of the business and affairs of the Corporation.

Section 3. Unless otherwise provided by Board policy, the rules of parliamentary procedure as provided in "Roberts Rules of Order" should govern the conduct of all meetings of the Board of Directors and meetings of the members of the Corporation.

ARTICLE XVII.

Indemnification of Officer and Directors

The Board of Directors shall establish a policy on the indemnification of Directors and Officers by the Corporation as may be permitted by the laws of the State of South Dakota: SDCL '47-22-65.1, '47-22-65.2, and '47-22-65.3 and amendments thereto.

ARTICLE XVIII.

Nondiscrimination

Neither this Corporation, nor its Board of Directors, or members shall discriminate against any prospective member, water user, or person obtaining any water service or other service or utility, or lawfully using any service facility of the Corporation by reason of said person's race, color, creed, religion, sex, age, or natural origin.

ARTICLE XIX.

Amendments

These By-Laws may be altered, amended or repealed and new By-Laws be adopted by the membership at any Regular Meeting or Special Meeting, provided that each member has been given prior notice of the proposed By-Laws amendment or has waived same in writing.

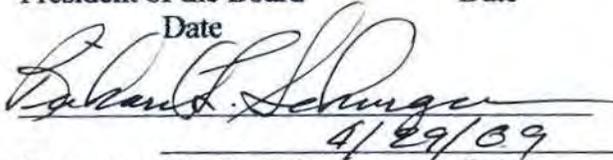


President of the Board

Date

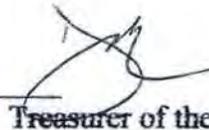


Vice-President of the Board


4/29/09

Secretary of the Board

Date


4/29/09

Treasurer of the Board

Date

2-15-07

BY-LAWS OF HISEGA MEADOWS WATER, INC.
Proposed changes to be voted on at the annual meeting; June 25, 2013

Accepted by
Membership
6/25/13
Larry Debert
President

Page 1, Article IV., Fiscal Year.

Existing: The fiscal year of the Corporation shall commence on January 1st and end on December 31st of each year.

Proposed: The fiscal year of the Corporation shall commence on July 1st and end on June 30th of each year.

Page 3, Article VI., Membership Qualifications.

Existing: ... that no person, firm, association or corporation shall become a member unless and until he/she or it has been accepted for membership by the Board of Directors. No member may hold more than one (1) membership in the Corporation and no membership in the Corporations shall be transferable except as provided in these By-Laws.

Proposed: ... that no person, firm, association or corporation shall become a member unless and until he/she or it has been accepted for membership by the Board of Directors. No membership in the Corporations shall be transferable except as provided in these By-Laws.

Explanation: A person who has more than one hook-up (paid \$1000 per hook-up) should have one membership per hook-up.

Page 4, Article VIII., Meetings of Members.

Existing: Section 1. Annual Meeting. The Annual Meeting of the members of this Corporation shall be held in the month of April each year on a date designated by the Board of Directors.

Proposed: Section 1. Annual Meeting. The Annual Meeting of the members of this Corporation shall be held in the month of June each year on a date designated by the Board of Directors.

Page 6, Article IX, Section 3. Notice.

Existing: Notice of meetings of members of the Corporation shall be given by Notice mailed to each member of record directed to the address shown upon the books of the Corporation.

Proposed: Notice of meetings of members of the Corporation shall be given by Notice mailed or e-mailed to each member of record directed to the address shown upon the books of the Corporation.

Page 6, Article IX, Section 5. Director Qualifications.

Existing: a. Must be a member of the Corporation. b. Must have a permanent residence in the service territory of the Corporation. c. Must not be financially involved in any competing enterprise.

Proposed: a. Must be a member of the Corporation. b. Must have a permanent residence in the service territory of the Corporation. c. Must not be financially involved in any competing enterprise. d. Must sign the Hisega Meadows Water, Inc. code of conduct agreement.

Page 6, Article X., Meetings of Directors.

Existing: Section 1. Annual Meeting. The Annual Meeting of the Board of Directors may be held without notice immediately after and at the same place as the Annual Meeting of the members or as designated by the Board. Regular Meeting of the Board of Directors shall be held at least quarterly at such time and place as the Board of Directors may provide by resolution.

Proposed: Section 1. Annual Meeting. The Annual Meeting of the Board of Directors may be held without notice immediately after and at the same place as the Annual Meeting of the members or as designated by the Board. Regular Meeting of the Board of Directors shall be held monthly at such time and place as the Board of Directors may provide by resolution.

350 1306 02/16/2007

State of South Dakota



OFFICE OF THE SECRETARY OF STATE

Certificate of Incorporation Nonprofit Corporation

ORGANIZATIONAL ID #: NS013342

I, **Chris Nelson**, Secretary of State of the State of South Dakota, hereby certify that the Articles of Incorporation of **HISEGA MEADOWS WATER, INC.** duly signed and verified, pursuant to the provisions of the South Dakota Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I hereby issued this Certificate of Incorporation and attach hereto a duplicate of the Articles of Incorporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State of South Dakota, at Pierre, the Capital, this February 15, 2007.



Chris Nelson

Chris Nelson
Secretary of State

YSN 4 0411

RECEIVED
FEB 15 2007
S.D. SEC. OF STATE

ARTICLES OF INCORPORATION

of

HISEGA MEADOWS WATER, INC.

Filed this 15th day of Feb, 2007

(A Nonprofit Corporation)

Chris Nelson
SECRETARY OF STATE

being the undersigned natural persons of the age of eighteen (18) years or more, the majority of whom are citizens of the United States, desiring to form a Nonprofit Corporation, and acting as incorporators of a Nonprofit Corporation under SDCL Chapter 47-22, adopt the following Articles of Incorporation for such Corporation and do now hereby certify as follows:

ARTICLE ONE NAME

The name of the Corporation is Hisega Meadows Water, Inc.

ARTICLE TWO DURATION

The period of its duration is perpetual.

ARTICLE THREE PURPOSE

The Corporation is organized exclusively for the following nonprofit purposes, consistent with SDCL §47-22-4: to maintain a water system, and to do and engage in all lawful activities that are in furtherance of the forgoing purposes.

ARTICLE FOUR MEMBERS

The Corporation shall have one (1) or more members. The classes, qualifications, benefits, rules, voting rights and membership fees (if any, as applicable) regarding members and membership shall be established by the bylaws of Hisega Meadows Water, Inc.

NS 013342

**ARTICLE FIVE
DIRECTORS**

The number of Directors of the Corporation shall be no less than three (3) and shall not be more than five (5). The Directors constituting the initial Board of Directors shall hold office until the first election of Directors. Directors after the initial Board of Directors shall be elected by a majority of the members.

A Director may be removed (with or without cause) upon the unanimous vote of the members.

**ARTICLE SIX
INITIAL DIRECTORS**

The Directors constituting the initial Board of Directors are as follows:

<u>Name</u>	<u>Address</u>
Brian McKiernan	10354 Big Piney Road Rapid City, SD 57702
Keith Lau	23029 Hisega Road Rapid City, SD 57702
David Hanna	10120 Pioneer Avenue Rapid City, SD 57702

**ARTICLE SEVEN
INTERNAL AFFAIRS**

The internal affairs of the Corporation shall be regulated according to the provisions of the Bylaws from time to time enacted by a majority of the Board of Directors; provided, however, that said Bylaws shall not be inconsistent in any way with these Articles of Incorporation.

**ARTICLE EIGHT
INITIAL REGISTERED AGENT AND OFFICE**

The place of the principal office of Hisega Meadows Water, Inc., is to be located at Rapid City, Pennington County, South Dakota.

The initial registered agent of Hisega Meadows Water, Inc., is David Hanna.

The address of the initial registered office of Hisega Meadows Water, Inc., is P. O. Box 9486, Rapid City, SD 57709 (mailing address); 10120 Pioneer Drive, Rapid City, SD 57702 (physical address).

**ARTICLE NINE
INCORPORATORS**

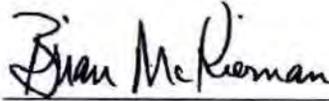
The names and addresses of each of the Incorporators of Hisega Meadows Water, Inc., are as follows:

<u>Name</u>	<u>Address</u>
Brian McKiernan	10354 Big Piney Road Rapid City, SD 57702
Keith Lau	23029 Hisega Road Rapid City, SD 57702
David Hanna	10120 Pioneer Avenue Rapid City, SD 57702

**ARTICLE TEN
AMENDMENTS**

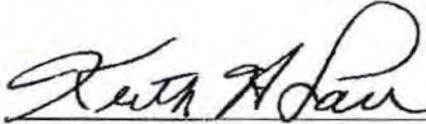
The power to alter, amend, or adopt new Articles of Incorporation is expressly reserved to the Board of Directors. These Articles may be amended in the manner authorized by law at the time of Amendment.

Dated this 14 day of February, 2007.



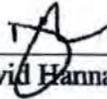
Brian McKiernan

Dated this 14 day of February, 2007.



Keith Lau

Dated this 14 day of February, 2007.

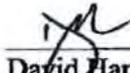


David Hanna

**CONSENT OF APPOINTMENT
BY THE REGISTERED AGENT OF
HISEGA MEADOWS WATER, INC.**

I, David Hanna, hereby give my consent to serve as the registered agent for Hisega Meadows Water, Inc. Upon me, any process, notice or demand required or permitted by law to be served upon the Nonprofit Corporation may be served.

Dated this 14 day of February, 2007.



David Hanna
P. O. Box 9486
Rapid City, SD 57709

These Articles are subscribed in duplicate.

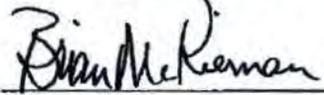
350 1311 02/16/2007

State of South Dakota)
) ss. **Verification and Oath of Incorporator**
County of Pennington)

Brian McKiernan, being first duly sworn on oath, deposes and says:

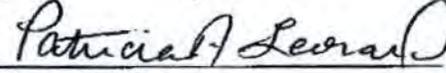
That he is the person described in and who signed the foregoing Articles of Incorporation as incorporator therein; that he has read the Articles and knows the contents thereof; that he intends in good faith to form a non-profit Corporation for the purposes of the promotion of a lawful business as set forth in the Articles and not for the purposes of enabling any Corporation or Corporations to avoid the provisions of the title "Corporations" of the South Dakota Compiled Laws of 1967 relating to unlawful trust and combinations and laws amendatory thereto.

In witness whereof, I have hereunto set my hand the day and year first above written.

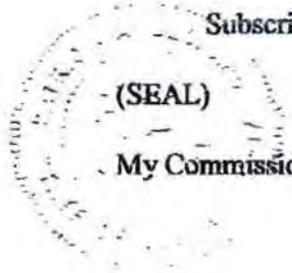


Brian McKiernan

Subscribed and sworn to before me the 14 day of February, 2007.



Notary Public



My Commission Expires:

My Commission Expires
April 6, 2012

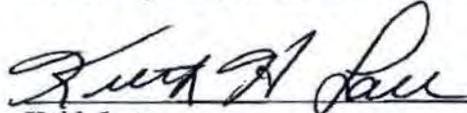
350 1312 02/16/2007

State of South Dakota)
) ss. **Verification and Oath of Incorporator**
County of Pennington)

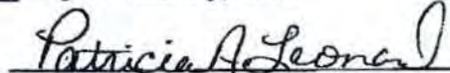
Keith Lau, being first duly sworn on oath, deposes and says:

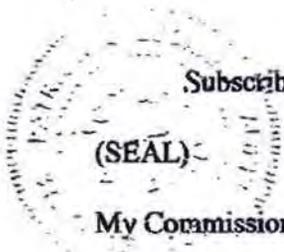
That he is the person described in and who signed the foregoing Articles of Incorporation as incorporator therein; that he has read the Articles and knows the contents thereof; that he intends in good faith to form a non-profit Corporation for the purposes of the promotion of a lawful business as set forth in the Articles and not for the purposes of enabling any Corporation or Corporations to avoid the provisions of the title "Corporations" of the South Dakota Compiled Laws of 1967 relating to unlawful trust and combinations and laws amendatory thereto.

In witness whereof, I have hereunto set my hand the day and year first above written.


Keith Lau

Subscribed and sworn to before me the 14 day of February, 2007.


Notary Public



My Commission Expires:

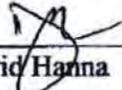
My Commission Expires
April 6, 2012

State of South Dakota)
) ss. **Verification and Oath of Incorporator**
County of Pennington)

David Hanna, being first duly sworn on oath, deposes and says:

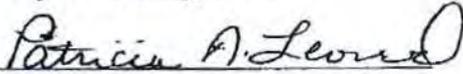
That he is the person described in and who signed the foregoing Articles of Incorporation as incorporator therein; that he has read the Articles and knows the contents thereof; that he intends in good faith to form a non-profit Corporation for the purposes of the promotion of a lawful business as set forth in the Articles and not for the purposes of enabling any Corporation or Corporations to avoid the provisions of the title "Corporations" of the South Dakota Compiled Laws of 1967 relating to unlawful trust and combinations and laws amendatory thereto.

In witness whereof, I have hereunto set my hand the day and year first above written.



David Hanna

Subscribed and sworn to before me the 14 day of February, 2007.



Notary Public



My Commission Expires
April 6, 2012

State of South Dakota



OFFICE OF THE SECRETARY OF STATE

Certificate of Good Standing Nonprofit Corporation

ORGANIZATIONAL ID#: NS013342

I, **Jason M. Gant**, Secretary of State of the State of South Dakota, do hereby certify that **HISEGA MEADOWS WATER, INC.**, was duly incorporated under the laws of this state on **February 15, 2007**.

I, further certify that said corporation has complied with the laws of this State relative to the formation of corporations of its kind and is now a regularly and properly organized and existing corporation under the laws of this State and is in good standing, as shown by the records of this office. This certificate is not to be construed as an endorsement, recommendation or notice of approval of the corporation's financial condition or business activities and practices. Such information is not available from this office.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of South Dakota, in Pierre, the Capital City, this June 19, 2014.



Jason M. Gant
Secretary of State

Loan Amortization Schedule

Enter values	
Loan amount	\$ 546,000.00
Annual interest rate	3.00 %
Loan period in years	20
Number of payments per year	1
Start date of loan	1/1/2016
Optional extra payments	\$ -

Loan summary	
Scheduled payment	\$ 36,699.78
Scheduled number of payments	20
Actual number of payments	20
Total early payments	\$ -
Total interest	\$ 187,995.53

Lender name:

Pmt. No.	Payment Date	Beginning Balance	Scheduled Payment	Extra Payment	Total Payment	Principal	Interest	Ending Balance	Cumulative Interest
1	1/1/2017	\$ 546,000.00	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 20,319.78	\$ 16,380.00	\$ 525,680.22	\$ 16,380.00
2	1/1/2018	\$ 525,680.22	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 20,929.37	\$ 15,770.41	\$ 504,750.85	\$ 32,150.41
3	1/1/2019	\$ 504,750.85	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 21,557.25	\$ 15,142.53	\$ 483,193.60	\$ 47,292.93
4	1/1/2020	\$ 483,193.60	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 22,203.97	\$ 14,495.81	\$ 460,989.64	\$ 61,788.74
5	1/1/2021	\$ 460,989.64	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 22,870.09	\$ 13,829.69	\$ 438,119.55	\$ 75,618.43
6	1/1/2022	\$ 438,119.55	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 23,556.19	\$ 13,143.59	\$ 414,563.36	\$ 88,762.02
7	1/1/2023	\$ 414,563.36	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 24,262.88	\$ 12,436.90	\$ 390,300.48	\$ 101,198.92
8	1/1/2024	\$ 390,300.48	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 24,990.76	\$ 11,709.01	\$ 365,309.72	\$ 112,907.93
9	1/1/2025	\$ 365,309.72	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 25,740.48	\$ 10,959.29	\$ 339,569.24	\$ 123,867.22
10	1/1/2026	\$ 339,569.24	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 26,512.70	\$ 10,187.08	\$ 313,056.54	\$ 134,054.30
11	1/1/2027	\$ 313,056.54	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 27,308.08	\$ 9,391.70	\$ 285,748.46	\$ 143,446.00
12	1/1/2028	\$ 285,748.46	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 28,127.32	\$ 8,572.45	\$ 257,621.13	\$ 152,018.45
13	1/1/2029	\$ 257,621.13	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 28,971.14	\$ 7,728.63	\$ 228,649.99	\$ 159,747.08
14	1/1/2030	\$ 228,649.99	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 29,840.28	\$ 6,859.50	\$ 198,809.71	\$ 166,606.58
15	1/1/2031	\$ 198,809.71	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 30,735.48	\$ 5,964.29	\$ 168,074.23	\$ 172,570.87
16	1/1/2032	\$ 168,074.23	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 31,657.55	\$ 5,042.23	\$ 136,416.68	\$ 177,613.10
17	1/1/2033	\$ 136,416.68	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 32,607.28	\$ 4,092.50	\$ 103,809.40	\$ 181,705.60
18	1/1/2034	\$ 103,809.40	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 33,585.49	\$ 3,114.28	\$ 70,223.91	\$ 184,819.88
19	1/1/2035	\$ 70,223.91	\$ 36,699.78	\$ -	\$ 36,699.78	\$ 34,593.06	\$ 2,106.72	\$ 35,630.85	\$ 186,926.60
20	1/1/2036	\$ 35,630.85	\$ 36,699.78	\$ -	\$ 35,630.85	\$ 34,561.93	\$ 1,068.93	\$ -	\$ 187,995.53

FACILITIES PLAN
for
Hisega Meadows Water, Inc.
Water System Improvement Project

AES Project No. 11-025

February 24, 2012

Submitted By:

ADVANCED ENGINEERING & SURVEYING, INC.
3421 W. Main Street, Rapid City, SD 57702
605-718-8825 605-718-8837 (Fax)



FACILITIES PLAN

PROJECT Hisega Meadows Water System

CLIENT Hisega Meadows Water, Inc
PO Box 9486
Rapid City, SD 57709

OWNER Hisega Meadows Water, Inc
PO Box 9486
Rapid City, SD 57709

ENGINEER'S PROJECT NO. 11-025

DATE February 24, 2012

ENGINEER Advanced Engineering and Surveying, Inc.
3421 West Main Street
Rapid City, South Dakota 57702

CERTIFICATION I hereby certify that the Facilities Plan together with the accompanying documents were prepared by me under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of South Dakota.

SD Registration No. 7353

Feb 24, 2012
Date



Ronald A. Bengs
Ronald A. Bengs, PE

FACILITIES PLAN
for
HISEGA MEADOWS WATER, Inc.

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Appendix B: Funding Scenarios

Appendix C: Maps and Figures

Vicinity Map

Subdivision Map

Flood Plain Maps (FIRM Panels)

Wetland Maps

Water system Demolition Plan

Option A: Wheaton Road Alignment

Option B: Hwy 44 Alignment

Easement Plats

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Financial Data

Hisega Meadows Water Inc. Bylaws

Water Users Agreement

Water Rate Schedule

SD DENR Site Visit Report

EXECUTIVE SUMMARY WATER SYSTEM FACILITIES PLAN

HISEGA MEADOWS WATER, INC.
Pennington County, South Dakota

February 24, 2012
AES PROJECT NO. 11-025

Hisega Meadows Water System is located approximately six (6) miles west of Rapid City adjacent to SD Hwy 44 near Hisega Road. The service area is located in the North ½ of Section 9 and the North ½ of Section 10, T1N, R6E, BHM, Pennington County, South Dakota and is generally an area bounded by National Forest Service land and is located on the eastern edge of the Black Hills. The service area includes 195 platted lots with approximately 486 customers. Lot size ranges from approximately 0.5 acres to 5.5 acres. The development is served by a community water system which was constructed in pieces as development occurred. Line sizes generally consist of 4 inch and smaller lines. No fire protection exists within the distribution system due to the small line sizing. The area is served by individual on-site septic systems.

Projected water use is based on 110 gpcpd or 275 gpd per dwelling with peak factor of 2.0.

Current Conditions:

195 user accounts with 486 users.

Average Daily Use: 53,625 gpd
Peak Day Use: 107,250 gpd

Annual Use: 19,573,125 gallons

Projected Conditions:

210 user accounts with 525 users.

Average Daily Use: 57,750 gpd
Peak Day Use: 115,500 gpd

Annual Use: 10,128,750 gallons

The proposed project proposes to include the following:

Distribution System Improvements. As constructed plans are schematic in nature and discrepancies have been identified. The older piping is reaching approximately 45 years and the end of its useful life span. Rural Water, during its evaluation of the water system, identified a leak on the 2 inch galvanized main pump line adjacent to Wheaton Road – west of Hisega road.

The proposed project includes the following:

1. Replace the main pump line from the pump house to Hisega Road. The proposed alignment is from the pump house along Hwy 44 to Hisega road with 6 inch C-900 PVC.
2. A Highway crossing of Hwy 44 at Hisega Road.
3. Replacement of the mains on Hisega Road from Hwy 44 and Wheaton Road with a single 6 inch C-900 PVC.

4. Replacement of the existing mains along Wheaton Road from Hisega Road west to approximately Black Hills Nursery with 6 inch C-900 PVC.
5. Abandoning of the replaced mains in place.
6. Utilization of the existing 4 inch main from Black Hills Nursery to near the pump house.
7. Abandoning the water main crossing under Tract 2 on Big Piney road.
8. Installation and reconnection of services that are impacted by the water main replacement.
9. Abandon and reconnect the two services lines in the northwest quadrant of Hisega and Wheaton Roads.
10. Associated valves, blow off hydrants, curb stops and meters.

The proposed project will install approximately 5,100 lineal feet of 6 inch c-900 PVC water line, 700 lineal feet of service line to reconnect the affected service lines, 14 service lines will be re-tapped and reconnected to the new 6 inch water line, 14 curb stops installed, 4 flushing hydrants installed, 7 gate valves and 100 foot highway bore.

Due to the limitation of the pump house, fire hydrants are not planned to be installed on the proposed water mains. The fire department has the capacity to pull more water than the pump house capacity and therefore could collapse the water mains.

Cost Estimates for the Selected Plan

The Engineer's preliminary opinion of probable construction costs projects the following project costs:

Construction cost:	\$ 352,500.00
Contingency:	\$ 80,000.00
Other Costs:	\$ 55,000.00
Total Project Cost:	\$ 487,500.00

Annual Operating Budget

(1) Income

HMWI's revenue is limited to water sales revenue. The rate structure has been set at \$80.00 minimum charge and 0.30 cents per hundred gallons used up to 15,000 gallons. Use above 15,000 gallons is billed at 0.40 cents per hundred gallons used up to 45,000 gallons.

Hisega Meadows Water, Inc. currently has a one time membership fee of \$1,000.00 which will be considered non-operating income.

Operations and Maintenance Costs.

The proposed HMWI Operating and Maintenance costs are projected to be \$183,018.00 per year. A breakout of these costs are included in the Facilities Plan.

It should be noted that the professional fees will not be as high as indicated in the 6 month reporting period. The \$18,144.00 in professional fees was primarily attorney fees for purchasing the system. Future professional fees will be much lower.

The O & M costs will not increase due to the proposed project.

Debt Repayments

HMWI currently has one loan from USDA Rural Development for purchase of the water system in June 2011. The loan amount is \$1,038,019.00. The monthly payment on this debt is \$4527.00.

The proposed project of \$487,000.00, assuming no grant or local cash, would have an annual debt service payment of approximately \$32,768.00 or \$2,731.00 per month.

Reserves

Debt Service Reserve

HMWI has developed a 10% reserve account (1/10 of annual debt service for 10 years) per the loan agreement with USDA Rural Development. For the proposed project, this will require \$3,276.00 be placed into the reserve account above the current amount being placed into the reserve account.

Short-Lived Asset Reserve

HMWI will need to develop a short-lived asset reserve to minimize impacts should a short-lived asset fail.

Short Lived Asset Schedule:

<u>Category</u>		<u>Amortized Cost</u>
1-5 Years	Curb Stop Replacement Sand media/pump house piping replacement	\$ 500/Year \$ 300/Year
5-10 Years	Pump R & R Disinfection/Monitorin g Equip	\$1,200/Year \$ 500/Year
10-15 Years	Fire Hydrants	\$3,000/Year
	Gate Valves	\$1,500/Year
	Total	\$7,000.00/Year

User Rate Impacts

The proposed project will not increase water user rates.

Environmental Impacts and Mitigation of Selected Plan

Every project has the potential for environmental impacts. Projects located in more environmentally sensitive areas have a higher impact potential than projects located in less sensitive areas.

The major issues relating to this project are primarily the potential of erosion and sediment during construction near Rapid Creek, construction dust and noise. Erosion control measures will be implemented to contain dust and drainage during construction. Implementation of best management practices will also mitigate any impact during the construction process.

SUMMARY OF MITIGATION DUE TO ENVIROMENTAL IMPACTS OF THE PROPOSED PROJECT

Some temporary environmental impacts will result during construction of the proposed project. Minor dust and noise will result from the construction activity. Erosion and sediment control measures will be implemented to contain sediment and minimize erosion during construction. Implementation of best management practices will also mitigate any impact during the construction process.

BMP's will be included as part of the design and construction plans to protect drainage ways leading to Rapid Creek. Work near Rapid Creek will also have adequate BMP's installed to protect the creek.

Portions of the proposed project will be located in identified floodplain, however, no historical or archeological sites are known to exist within the proposed work limits. Construction plans will provide for construction techniques to protect environmental assets and eliminate any impact to the flood plains.

No known wetlands exist within the work limits.

The proposed project is not anticipated to have any long term impacts and only minimal short term impacts. Mitigation measures are not anticipated to be more than standard BMP's. If installed properly, those BMP's should provide adequate environmental protection.

CONCLUSION

Hisega Meadows Water Inc. has now completed the purchase of the water system and has operated the system for six months. During that period, Rural Water has completed an evaluation of the system and discovered a leak in the main pump line adjacent to Hisega Road – just west of Hisega Road. This line is under higher pressures and HMWI has concerned that this line may fail which would interrupt service to all customers. In addition, there are three service lines which are located directly adjacent to or are under residential foundations. One is required to be corrected by the purchase agreement within three years of the purchase date. HMWI wishes to correct the other two service line issues as part of this project.

HISEGA MEADOWS WATER SYSTEM
 PROBABLE ESTIMATE OF COST
Option B - Hwy 44

AES Project No. 11-025
 February 24, 2012

Item No.	Description	Quantity	Unit	Unit Price	Extended Amount
1.	Moblization	1	LS	\$ 10,000.00	\$ 10,000.00
2.	6" PVC Water Main	5,100	LF	\$ 28.00	\$ 142,800.00
3.	1" Service Line (Poly) (50 ft per lot)	700	LF	\$ 20.00	\$ 14,000.00
4.	1" Tapping Saddle & Corp Stop	14	EA	\$ 350.00	\$ 4,900.00
5.	1" Curb Stop & Box	14	EA	\$ 300.00	\$ 4,200.00
6.	Reconnect Service Lines	10	EA	\$ 1,000.00	\$ 10,000.00
7.	Connect to Existing Water Lines	7	EA	\$ 1,000.00	\$ 7,000.00
8.	Disconnect & Abandon Existing Water Lines	5	EA	\$ 800.00	\$ 4,000.00
9.	Flushing Hydrants	4	EA	\$ 3,000.00	\$ 12,000.00
10.	6" Valves with Valve Box	7	EA	\$ 1,500.00	\$ 10,500.00
11.	6" Fittings	20	LS	\$ 500.00	\$ 10,000.00
12.	Construction Staking	1	LS	\$ 5,000.00	\$ 5,000.00
13.	Rock Excavation (50% Length)	1,000	CY	\$ 75.00	\$ 75,000.00
14.	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
15.	Erosion Control	1	LS	\$ 5,000.00	\$ 5,000.00
16.	Storm Water Plan	1	LS	\$ 2,500.00	\$ 2,500.00
17.	Highway Bore & 12 inch Steel Casing	100	LF	\$ 200.00	\$ 20,000.00
18.	Asphalt Repair - Class G - 5 inch	20	TON	\$ 95.00	\$ 1,900.00
19.	Gravel Surfacing - 6 inch	30	TON	\$ 21.00	\$ 630.00
20.	Seeding, Fertilization, Mulching	1	AC	\$ 2,500.00	\$ 3,000.00
21.	Miscellaneous	1	LS	\$ 5,000.00	\$ 5,070.00
Sub-Total					\$ 352,500.00
Contingency (10% plus)					\$ 80,000.00
Total Construction Cost					\$ 432,500.00
Other Costs					
Easements/Land					\$ 5,000.00
Survey, Design and Construction Documents Preparation (10%)					\$ 20,000.00
Construction Engineering (4%)					\$ 10,000.00
Legal and Administration (3%)					\$ 10,000.00
Cultural Resource Study					\$ 5,000.00
Environmental Assessment					\$ 5,000.00
Other Costs Subtotal					\$ 55,000.00
Total Project Costs					\$ 487,500.00

Based on Rapid City Estimating Guide & Recently Bid Projects
 Type 1 Bedding Incidental to pipe

FACILITIES PLAN
for
HISEGA MEADOWS WATER SYSTEM
PENNINGTON COUNTY, SOUTH DAKOTA

February 24, 2012
AES PROJECT NO. 11-025

I. INTRODUCTION AND ENVIRONMENTAL REVIEW

A. Background Data

Hisega Meadows Water Inc. (HMW), a non-profit organization consisting of Hisega Homeowners has contracted with Advanced Engineering and Surveying, Inc., 3421 West Main Street to prepare a Facilities Plan evaluating three proposed projects that the Board of Hisega Meadows Water has determined to be the highest priority at this time.

Hisega Meadows Water Inc. purchased the water system from C & J Sanders, Inc. on June 27, 2011.

The Facilities Plan is being prepared for submittal to funding agencies to secure funding for the Hisega Meadows Water Improvement Project.

Hisega Meadows Water System is located approximately six (6) miles west of Rapid City adjacent to SD Hwy 44 near Hisega Road. The existing service area includes the following subdivisions:

- Aspen Acres
- Evergreen Valley Subdivision
- Heritage Homesteads
- CL Subdivision
- McKiernan Heights Subdivision
- Adamson Subdivision
- Big Piney Subdivision
- Deer Park Subdivision
- Rolling Hills Estates

The service area is located in the North ½ of Section 9 and the North ½ of Section 10, T1N, R6E, BHM, Pennington County, South Dakota and is generally an area bounded by National Forest Service land and is located on the eastern edge of the Black Hills.

A vicinity map of the Hisega Meadows Water System is shown in **Figure 1** and a Subdivision Map in **Figure 2**, both located in the **Appendix C**.

The service area includes 195 platted lots with approximately 486 customers. Lot size ranges from approximately 0.5 acres to 5.5 acres.

The development is served by a community water system which was constructed in pieces as development occurred. Line sizes generally consist of 4 inch and smaller lines. No fire protection exists within the distribution system due to the small line sizing.

Complete system information is not complete, especially in the older area north of Hwy 44, however, after purchasing the system, HMW had Rural Water evaluate the system for leaks and have located most of the valves and curb stops.

The area is served by individual on-site septic systems.

B. Environmental Assessment

An Environmental Assessment (EA) will normally be required depending on final funding agency requirements. The EA is beyond the scope of this report and should be referenced under separate cover and made a part of this report. MAP is submitting project information to the required reviewing agencies. Those responses will be included in the final report.

Rapid Creek is the only water body located within or near the service area. Rapid Creek is the source of water for the system and is located at the western most edge of the service area. No improvements are proposed for the intake within Rapid Creek or the pump house with this project, however, future improvements are being proposed at the pump house.

The service area is generally level or rolling hills, fully vegetated with grass or forest. The area north of HWY 44 has areas of steeper terrain but is fully developed and vegetated. Construction techniques will be used to minimize potential erosion in areas of proposed improvements.

The Madison Formation outcrop is located near the eastern edge of the service area. There are no anticipated impacts to the Madison Aquifer due to the proposed project. The proposed project is located on the western portion of the service area. Environmental factors such as noise and air quality will have short-term minor impacts during construction operations; however, construction techniques and best management practices will be utilized to minimize any potential impacts.

The South Dakota Department of Environmental and Natural Resources (SDDENR) has adopted National Ambient Air Quality Standards and monitors air pollution levels at locations statewide.

Dust and airborne soil can be a problem with large-scale construction sites. The amount of surface disturbance is not expected to result in significant degradation of air quality. No long-term effects are anticipated. The dust control can be mitigated utilizing ground watering measures to control dust during dry or windy conditions. Final restoration should be scheduled as soon as practical following site completion.

C. Historical and Archaeological Sites

A Level 1 cultural resources record search was conducted at the SD Archeological Research Center by Quality Services, 2416 Jackson Blvd., Rapid City, South Dakota at the time the system was purchased. The search was conducted for the north ½ of Section 9 and the north ½ of section 10, T1N, R6E, BHM, Pennington County, South Dakota. The findings of this search indicate that there have been no previous inventories and there are no known cultural resources within that area. The research does indicate that the surrounding area has been previously inventoried and more than 20 cultural resource sites have been located in adjacent areas. These sites are generally located within the National Forest adjacent to the Hisega Meadows Water service area.

The proposed project is anticipated to be limited to existing water line easements or right of ways which have been previously disturbed. A current cultural resource search will be completed for the proposed project. Based on the previous research, it is anticipated that a determination of No Adverse Effect will be found for this project.

In the event that cultural resources are located during project activities, it is recommended that Quality Services, Inc. and the SD SHPO be notified immediately.

D. Floodplains and Wetlands

(1) Floodplains

The Hisega Water System has an intake gallery on Rapid Creek west of Hisega Road. This is the only floodplain located within the Hisega Water System service area.

Flood Insurance Rate Map, FEMA Community FIRM Panel number 4600640708B, effective December 1, 1981 illustrates the flood plain boundary of Rapid Creek near the intake gallery. The intake on Rapid Creek is located in Zone A10 with a Base Flood Elevation (BFE) of 4167 (NGVD 1929 datum) and also located in Zone B (500 year flood plain).

The balance of the service area is located outside of any defined floodplain. Panel 4600640709B covers the balance of the service area and the Flood Insurance Rate Map, FEMA Community Firm Panel 460064INDIA, map index indicates, "Panel not printed – Area in Zone D" for panel 4600640709B.

The reference FIRM Panels are provided in the [Appendix C](#).

(2) Wetlands

The National Wetland Inventory indicates that three (3) identified wetlands exist within or near the service area. The first is located near the intake on Rapid Creek, the second is located south of the service area just east of Hisega Drive and the third is located just south of Carter Drive near the intersection of Carter Drive and Rolling Hills Drive.

Site #1: Near Intake – Rapid Creek

Project improvements are not being proposed at the intake on Rapid Creek so no impact will be created. The wetland is generally north and west of the intake area.

Site #2: Hisega Road

This site is located south of the service area and will not be impacted by this project.

Site #3: Carter Road

Water lines in this area are located directly adjacent to the street with the wetland being located well off the street. This project will not impact this wetland site as this street is located in the east portion of the service area. The proposed project is limited to the western portion of the service area.

No negative impact on wetlands is anticipated as a result of this project.

Wetland maps from the National Wetland Map Site are located in the [Appendix C](#).

E. Agricultural Lands

The current service area consists of a fully developed rural suburban community. Proposed improvements will not impact any agricultural lands.

F. Wild and Scenic Rivers

The intake is located in Rapid Creek, however, it is not classified as a wild or scenic river and there are no wild and scenic rivers located in the Hisega water service area per the nps.gov/rivers website.

G. Fish and Wildlife Protection

Per Administrative Rule 74:51:01, 74:51:03:02 and 74:51:03:17, Rapid Creek, through this area has the following beneficial uses assigned:

- (1) Domestic water supply waters
- (2) Coldwater permanent fish life propagation waters
- (7) Immersion recreation waters
- (8) Limited-contact recreation waters
- (9) Fish and wildlife propagation, recreation and stock watering waters
- (10) Irrigation waters

The following threatened and endangered species are listed for Pennington County on the SD Listed Species by County List:

Bird: Least Tern
 Whooping Crane
 Sprague's Pipit

Mammals: Black-footed Ferret

Whooping Crane and Bald Eagles have not been seen at the site, but may be present. The Bald Eagle was removed from the List of Endangered and Threatened Wildlife effective August 8, 2007.

A visual inspection of the site and surroundings detected no Prairie Dog evidence, thus Black Footed Ferret habitat does not appear to be present.

Wildlife known to inhabit the area includes all common mammal and bird species, which inhabit the Black Hills.

Vegetation within the project area consists of native prairie grasses, urban landscape, trees, shrubs and related species native to Western South Dakota.

Surface soils within the project limits will be stripped and stockpiled for subsequent finish grading and seeding of disturbed areas. Seeding will be an appropriate mixture of native grasses and erosion controls such as silt fencing and mulching, will be employed.

Subsurface soils generally consist of Pre-Cambrian formations of schist, slate, quartzite and pegmatite. Rock excavation is a concern for any work in this area.

Fish and wildlife in the Rapid Creek area will be protected through careful construction practices and water quality protection.

No significant impact on wildlife is anticipated.

H. Water Quality and Quantity

The water source is located in Rapid Creek; however, no improvements are being proposed to the intake. Water quality issues for the project generally include construction near Rapid Creek, trench dewatering and storm water runoff control during construction. The construction adjacent to Rapid Creek will be controlled and monitored to minimize water quality degradation caused from sediment disturbance. The creek water is acceptable for treatment with the current process and fluctuations in turbidity have not significantly affect finish water quality.

This segment of Rapid Creek is classified by the South Dakota Water Quality Standards and uses Assigned to Streams for the following beneficial uses:

- (1) Domestic water supply waters
- (2) Coldwater permanent fish life propagation waters
- (7) Immersion recreation waters
- (8) Limited-contact recreation waters
- (9) Fish and wildlife propagation, recreation and stock watering waters
- (10) Irrigation waters

SDDENR construction dewatering permits and a General Stormwater Permit for Construction Activities must be acquired by the contractor and followed to eliminate pollution discharges. The water leaving the construction site must be allowed to filter sediment out. Special construction measures will be taken to ensure that the total suspended solids standard set by SDDENR is not violated.

The Safe Drinking Water Act (SDWA), Federal Water Pollution Control Act (FWPCA) and National Pollutant Discharge Elimination System (NPDES) regulations will be followed and the work will be coordinated with SDDENR and the US Army Corps of Engineers. The existing water system has water rights of 0.40 cfs from Rapid Creek. There will be no change in this.

I. Direct and Indirect Impacts

The direct project impacts may include: surface disturbance, construction adjacent to the creek, site grading, restoration and site reclamation. Indirect impacts could be impact to fish and wildlife. The direct impacts of the project will be restored and the indirect impacts will be mitigated whenever possible by employing Best Management Practices.

Direct mitigation of potential adverse environmental impacts will be made during the construction project. Some of these measures may include:

- Erosion Controls
 - o Riprap, Silt Fence, Erosion Blanket, Wattles, Etc.
- Dewatering and Sedimentation Controls
 - o Sedimentation and Filtration Ponds
 - o Creek Isolation
- Site Restoration
 - o Seeding, Fertilizing, Mulching
 - o Topsoiling

- Trenchless Pipe Installation

It is anticipated that this project will use conventional construction techniques and should not cause violation of any statues or regulations administered by DENR based on their recommendations to follow Best Management Practices, storm water permits and limiting total suspended solids to regulated levels.

J. Mitigating Adverse Impacts

There are no anticipated long term adverse impacts anticipated due to the proposed project. Short term impacts such as construction noise and dust may have a short term impact. The short term impacts will be minimized as applicable during construction and therefore should be no requirement to mitigate.

II. EXISTING AND FUTURE CONDITIONS

A. Project Need and Planning Area Identification

The existing system is currently producing water for approximately 486 customers with 195 user accounts.

Hisega Meadows Water, Inc. purchased the water system from CJ Sanders as of June 27, 2011 and has been operating the system since. Hisega Meadows Water has identified three major issues that need to be corrected in the near future.

Rural Water did testing of the system following the purchase. A leak was found in the old 2 ½ inch galvanized line from the pump house to Hisega Road. The leak is believed to be located near Lot B of Tract 3R on the north side of Wheaton Road. Due to the pressure of this line and that it is the main feed line providing service to the reservoirs and to the balance of the distribution system, they desire to replace this aging line. In addition, there are users on this line downstream of the pump house which do not meet the required contact time. The proposed project would correct this condition and provide adequate contact time.

There is a water line located under or near the foundation of the house on Tract 2, Big Piney Road. This needs to be corrected within 3 years of the purchase of the system as a condition of the purchase agreement.

Lot 3 and 4 located near Hisega Road and Wheaton Road has a water line running near the corner of the house foundation on Lot 3. Hisega Water wishes to clean up the duplication of lines in this area, eliminate the need for the valve pit adjacent to the house, eliminate the easements across these lots which will allow the current owner to develop Lot 4. There is also a service line that comes from this pit, diagonally across Lot 3 and 4 to Hisega Road and then travels south on Hisega Road to Tract B.

The Board has determined that these three items are a high priority to correct and is proposing a project to install new water line and reconnect existing services. The Board plans to complete a Long Range Master Plan following this project. The Master Plan will look at a number of proposed future projects, prioritize those projects and provide a cost estimate of those proposed projects.

The service area of the system is generally located in the North ½ Section 9 and the North ½ Section 10, Township 1 North, Range 6 East, Black Hills Meridian (BHM), Pennington County, South Dakota. The area is generally bordered by National Forest and serves nine subdivisions with approximately 195 platted lots. Lot size is generally range between 0.5 acres to 5.5 acres and is a rural suburban residential subdivision.

B. Existing Water Usage

The system serves 195 user accounts with 486 users. There are 15 lots that currently are not served but that the system is obligated to serve should they be developed.

Water use records indicate that the Hisega Meadows Water System used 4,858,600 gallons for the period July through December 2011. The projected annual water use is twice that or 9,717,200 gallons. This six month period should mirror the months of January through June. This use is slightly lower than previously reported, however, this is likely due to system leaks that were repaired.

Annual Water Use: 9,717,200 gallons
Average Daily Use: 26,623 gallons
Peak Day: 53,245 gallons (Peaking factor of 2.0)

The current use based on the current population of 486 people is just under 100 gpcd for the average day. Typical averages would range from 100 to 110 gpcpd, or 250 gpd per household.

The projected use at buildout (210 lots) would be approximately 52,500 gallons per day.

Peak day water use is report to be approximately 2.0 times the average day.

C. Evaluation of Distribution, Storage, and Treatment Systems

Infiltration Galley

The intake is located on Rapid Creek just south of SD HWY 44 near Big Bend, between Thunderhead Falls Road and Hisega Drive. Intake piping consists of six (6) inch perforated pipe under Rapid Creek bedded in gravel. A low-head rock dam is located across Rapid Creek. The perforated pipe feeds the infiltration gallery consisting of a 36 inch diameter pipe – 20 feet into the ground. Water is pumped from the gallery to the pumping station, through multi-media sand filters, cartridge filters, chlorination (sodium hypochlorite) and through a master meter to the storage reservoirs and the distribution system.

The Board plans to make future improvements to the pump house. These improvements will be addressed in more detail in the Master Plan. No improvements in the pump house are planned with this project. The low head dam on Rapid Creek was washed out and reconstructed in 1991 and again in 2011. Future improvements will likely include an upgraded treatment system with a more automated treatment system, installation of the UV disinfection, an at grade entrance to the pump house and potentially an increase in the size of the pump house.

Hisega Meadows Water obtained the water rights from CJ Sanders issued by SD DENR of 0.40 cfs (180 gpm) from Rapid Creek. Water Right No. 1957-2 was re-issued on May 11, 2000. Water Right No. 1957-2 was originally issued on November 14, 1994 with priority dates of December 11, 1961, June 2, 1972 and March 20, 1986.

Previous Water Rights included 1112-2 in 1981 and 732-2 in 1966; however, it appears that all water rights have been incorporated into permit no. 1957-2.

They also have contracted with the City of Rapid City for 40 acre feet of water from Pactola Reservoir. This contract is renewable annually and has an associated fee. This 40 acre feet translates to approximately 13,000,000 gallons per year or 35,700 gallons per day. It appears that this allocation of water was secured to insure adequate water supply in periods of low flow or peak demand.

The combined total of the 0.40 cfs and 40 acre feet annually translate to 294,900 gallons per day of allocated water. The infiltration galley appears to have adequate capacity to serve the demands of the system.

Pumping Station

The pump house is a concrete, below grade vault measuring approximately 17 feet long by 8 feet wide by 8 feet high. It has a lockable entrance and is vented.

The pump station is equipped with three (3) pumps and motors. Two (2) of the pumps are seven (7) stage pumps and one (1) is a six (6) stage pump, all three pumps rated at 15 horsepower. At least one of the pumps is dated 2006. The owner indicates that three pumps are no longer being manufactured and so as replacement pumps are required, minor connection adjustments may be needed. Currently, only one pump is being utilized. A second pump is operational, but, is reported to be very inefficient if operated. The HWM board has discussed replacing the inefficient pump so there is at least two operational pumps. It is highly recommended that the replacement of the inefficient pump be completed.

The pump house contains piping, much of which has been upgraded and stainless steel, electrical pump controls, master water meter, chlorinator, Alum feed and other appurtenances. The piping and valves appear to be in good condition. Some of the valving has replacement dates of 2003.

Operation of the pump is controlled by probes located in the Sander's Reservoir.

The pump house station access is locked, however, the site is not fenced. Two residential homes are located near the station, which provides some level of security. There is no back up electrical power available such as a back up generator. Fencing and back-up power are likely to be future improvements identified in the Master Plan. The Hisega Board is also interested in construction of a stilling basin as part of the treatment train. A stilling basin would extend the life of the current filters.

The system is a 240 system, however, there is discussion regarding converting to 480 volt with a step down transformer for better efficiency.

The Black Hills Nursery pumps untreated water to a storage reservoir on their property. It is the authors understanding that Black Hills Nursery has separate water rights, a separate pump and a separate infiltration gallery adjacent to the Hisega gallery. Black Hills nursery has electrical panels in the Hisega Pump house. The author was assured that there is no cross connection between the two systems.

Treatment

All treatment takes place within the pump house adjacent to the Rapid Creek intake. Treatment consists of chlorination using 12 ½% liquid sodium hypochloride, addition of Alum (Aquahawk 2757 polyner) to act as a coagulant, water is then passed through Multi-Media sand filters (2 each) with two grades of sand, then through 1 micron cartridge filters (4 each), from here it goes through a master meter and to the reservoir and distribution system.

Currently, only two of the four canister filters are in operation. It is recommended that all four filters be returned to a fully operational condition.

The master meter was replaced in November 2008.

The Multi-Media filters require back flushing twice a day and generally is determined by pressure loss. The DENR Inspection Report indicates that the maximum flow rate of this

filtration system is 115 gpm. The system measures turbidity on a continuous basis. Back flushing is dependent on the quality of the water source, for example, when Rapid Creek is running at a high flow rate of 200 cfs, it requires back flushing every couple of hours due to the added sediment in Rapid Creek. The system has no control over this as Rapid Creek flow rates are determined by release rates on Pactola Reservoir and Deerfield Lake. A sedimentation basin prior to treatment would certainly help with this condition. Back flush water flows into a backwash pit located adjacent to the pump station and then to a culvert that functions as a drain field. The pit is approximately 900 gallon capacity.

The cartridge filters are currently lasting approximately 18 days. The operator has tried washing the filters, however, this does not extend the life of the filters to provide any savings. The labor spent washing the filters is likely more than the life extension of the filters that is being achieved.

There is no secondary containment for the sodium hypochlorite.

The system does not currently fluoridate the water, however, once population exceeds 500 this will become a requirement and should be planned for.

An ultra violet light system for disinfection is available for installation. Installation of the light has not been completed. Installation will require system modification to install, however, the pump house is supposed to have adequate space for installation of the UV component. The UV light is not expected to be used for compliance due to the certification requirements.

Contact time is a concern for adequate disinfection. There are two users near the pump house with much shorter contact times than most users. There maybe users near the west end of Wheaton Road that also do not have adequate contact time. The 2006 inspection report by SD DENR indicates an additional 0.5 log of Giardia removal/inactivation was required under the surface water treatment rule (SWTR).

The water source is considered to be under the influence of surface water and is therefore subject to more stringent monitoring and treatment requirements due to the increased potential of contamination.

Requirements fall under the Long Term 2 Enhanced Surface Treatment Rule (LT2) and the Ground Water Rule (GWR).

Storage

Storage is provided at three (3) separate locations, as shown on the system layout located in the back of this report.

Sander's Reservoir

The site is located north of SD HWY 44 in the area of Hisega Drive. It is located on National Forest Service land and requires a lease from the Forest Service with an annual lease fee. The site is not fenced.

The Sander's site has three (3) reinforced concrete in ground reservoirs consisting of two (2) – 11,000 gallon reservoirs and one (1) – 54,000 gallon reservoir. This provides a total of 76,000 gallon storage capacity. Control valves are located in a valve pit

adjacent to the reservoirs. The reservoir level is controlled by two (2) stainless steel probes. A low level probe turns the pumps on at the pump house and high level turns them off. The elevation of this reservoir base on USGS map is approximately 4400 feet. The construction date of this reservoir is unclear.

Evergreen Valley Reservoir

The site is located south of the service area in the area of the west end of Gunderson Drive. This site is located on National Forest Service land and requires a lease from the Forest Service with an annual lease fee. The site is fenced.

The Evergreen Valley site provides a total storage capacity of 30,000 gallons consisting of six (6) separate 5,000 gallon pre-cast concrete reservoirs below grade. Each reservoir has a 1 ½ inch inlet-outlet pipe connected to one of the 3 inch mains; the other 3 inch main apparently serves as a supply line to the reservoirs. It is unclear just how the control valving operates in conjunction with the other sites and the pump station, however this site does not appear to control pump house operation directly. The 1987 report indicates that float control valves control the water levels in this reservoir. The elevation of this site is approximately 4,380 feet based on USGS maps. This reservoir was constructed in 1973 or 1974.

Rolling Hills Reservoir

The site is located just south of SD HWY 44 on Lindsey Drive. This reservoir consists of a reinforced concrete reservoir providing 40,000 gallon storage capacity. Controls are located in a valve pit adjacent to the reservoir. The 1987 report indicates that this reservoir is also controlled by float control valves, however, it does not appear that this reservoir controls the pump house operation directly. The elevation of this reservoir is also approximately 4,380 feet based on USGS maps, which is the same elevation as the Evergreen Reservoir site.

Distribution

The distribution system has been built in pieces as the area has developed. It is believed to consist of generally 1 ½, 2, 3, 4 and possibly some 6 inch water mains. It is not clear the exact size and material type of all lines, however, it is believed many are aging galvanized, some are poly or PVC with at least one segment of transite pipe near the Fireside Inn.

The system consists of approximately 40,050 LF of piping, 26 valves, 8 blow-off valves and 3 hydrants.

There are three (3) DOT permitted crossings under SD HWY 44. Two (2) are located at Hisega Drive and one (1) is located just west of Carter Drive and SD HWY 44.

The existing system appears to be providing safe drinking water to its users and meeting the demand. Lines are undersized by today's standards and range in size from 1 ½ inch to 4 inch water mains with various materials. There are low pressure problems in the service area; the system has a number of dead-end conditions and a number of long service lines. Valves appear to be minimal which limit the ability to isolate areas for repairs.

The system was built in pieces as the area developed and in most cases by differing developers. There does not appear to be much consistency within the system. The existing system has experienced substantial amounts of unaccounted for water due to leaks within the

distribution system. During the six months of operation since HMW purchased the system, water loss is reported to be less than 10%. The DENR Report dated May 9, 2011 also reports water loss at less than 10%. HMW had Rural Water evaluate the system for water loss and found only one small leak along Wheaton Road, west of Hisega Road.

It has been reported that the system pressure has decreased over the past years although this has not been evaluated and verified as part of this report. There are pockets within the service area with low pressures. During high use periods when the reservoirs have a lower water level, pressure issues increase until the reservoirs can recover. Homes with pressure issues have pressure pumps installed.

It is recommended that a system model be developed to evaluate pressure issues as part of the future Master Plan.

The valves were not operated as part of this report; however, HMW indicates that during the Rural Water evaluation nearly all valves and curb stops were located and valves operated. HMW indicates that only a small number of valves are non-operational and need to be replaced.

A schematic layout of the existing system is provided in the back of this Report.

D. Compliance Issues

Currently there are no compliance issues relating to this water system. Testing is in compliance with the new requirements of the recently adopted Ground Water Rule (GWR).

Annual Consumer Water Reports are available.

E. Future Conditions

1. Population and Land Use Projections. The existing system serves a small very defined area and is not anticipated to expand the service area. There are currently 195 user accounts on the system and 15 additional accounts that are not currently served but the system feels obligated to serve, since they fall within the service area, if those lots are developed in the future. There is no anticipated change that will occur in land use. The entire service area is rural residential homes with one commercial business and six townhouses.

The area just south of the existing service area are to be subdivided for development, however, the developer has not requested water service which would require system upgrades. That developer has developed a well to serve those lots.

For the purposes of this report, the future service area would include 210 user accounts with approximately 525 people while the existing service area includes 195 user accounts with 486 people.

2. Forecasts of Water Usage.

Projected water use is based on 110 gpcpd or 275 gpd per dwelling with peak factor of 2.0. This projection is based on use at a higher rate than what current records indicate. This was done on purpose to provide a typical use rate, based on national usage. As HMW has more usage records, this projection can be updated to reflect the actual usage,

however, with only six months of HMW records, this report hesitates to project at a rate below typical averages.

Current Conditions:

195 user accounts with 486 users.
Based on 275 gallons per dwelling per day.

Average Daily Use: 53,625 gpd
Peak Day Use: 107,250 gpd

Annual Use: 19,573,125 gallons

Projected Conditions:

210 user accounts with 525 users.
Based on 275 gallons per dwelling per day.

Average Daily Use: 57,750 gpd
Peak Day Use: 115,500 gpd

Annual Use: 10,128,750 gallons

There is no fire protection ability within the distribution system; however, Hisega Meadows Water, Inc. is interested in increasing the fire protection ability within system constraints. To provide adequate fire protection, the system would have to be reconstructed with at least 6 inch mains, which is not likely in the near future. However, there have been discussions with the Fire Department on potentially creating load points within the service area. For that reason, fire storage should be considered in any new reservoir. Generally 1000 gallons per minute for two (2) hours or 120,000 gallons of fire storage is considered adequate. Some rural areas have reduced that to 500 gallons per minute for two (2) hours or 60,000 gallons. The Master Plan document will address this.

Storage Requirement:

There are various thoughts on storage requirement from peak day plus fire reserves, 25% of peak day plus fire reserve to average day plus fire reserve.

Since the system is not capable of providing adequate fire flows, it appears that the most feasible fire protection would be load points for the Fire Department.

For this reason, it is recommended the storage be sized for the average day plus fire reserve at a minimum. The fire reserve would provide storage for the peak day. It comes down to what is a tolerable risk to the residents.

Minimum Recommended Storage:

Average day plus fire reserve: 52,500 plus 60,000 equals 112,500 gallons total storage, minimum.

The proposed project is not making any improvements to the storage capacity of the system.

3. Water Conservation Measures.

The service area is nearly fully developed with homes of varying age. Providing the public with information is the biggest tool to conserve water use. Hisega Water should provide an explanation to users of the benefits of low flow fixtures, how less usage keeps water production costs down and in turn lower water rates. Installation of low flow fixtures during remodeling should be encouraged, however, this is not a measure that will quickly be recognized in decreased water use.

Additionally, Hisega Water should provide public information on leaky faucets, toilets; how homeowners can test for these conditions, corrective actions and the impacts of lost water on the average cost per month for such conditions.

The system has previously imposed water restrictions from June 1 through October 31 between the hours of 9 pm and 6 am, in an effort to conserve water.

III. DEVELOPMENT AND EVALUATION OF PRINCIPAL ALTERNATIVES

A. Alternative Evaluation

1. No Action. This option will provide no system improvements. The identified leak on Wheaton Road would likely increase as the system ages. Due to the pressures on this line, it has the potential to fail and render nearly 100% of the users without water. Once failure occurs, HMWI will be forced to make an emergency repair.
2. Trenchless Technology vs. Conventional Trenching. This option is not considered as a viable option as only portions of the existing system will be replaced. The other concern is the amount of subsurface rock in the area. This option should be further evaluated in the final design, but, it is not seen as a viable option.
3. Option A – Wheaton Road Alignment. This alternative replaces the existing 2 and 4 inch water mains from the pump house to Hisega Road with 6 inch C-900 PVC water mains. A connection will be made outside of the pump house. This alternate does not propose any improvements be made within the pump house as part of this project. There would be a dedicated pump line from the pump house to Hisega Road with no users connected to this line. A second 6 inch line will be installed parallel to the first line and will run from Hisega Road west to near the Black Hills Nursery. At this location, the 6 inch line will be reduced and connected to the existing 4 inch line. The 4 inch line will remain in place to provide service to the users below this location. The 4 inch line will be disconnected from the pump house and a flushing hydrant installed on the 4 inch line near the pump house. This will provide adequate contact time for all users. The two existing water mains on either side of Hisega Road from Wheaton Road to SD Hwy 44 would also be replaced with a single 6 inch C-900 PVC water main. A new highway crossing is part of this alternate at Hisega Road and Hwy 44 for the new 6 inch line. The existing service lines would be retapped, extended as needed and reconnected as required.

This alternate proposes to eliminate a segment of 1 ¼ inch water main located across Tract 2 on Big Piney Road. This water line is reported to run near or under the house foundation on Tract 2 and as part of the purchase agreement it is to be corrected within 3 years of the purchase date. The existing water line will be abandon in place and the service lines reconnected from Big Piney Road. This line is essentially a duplicate line of the 2 inch water line on Big Piney Road and provides no significant looping.

This alternate also proposes to clean up the existing line configuration on Lots 3 and 4 located in the northwest quadrant of Hisega and Wheaton Roads. Currently the water main along Wheaton Road runs north into a valve pit at the residential foundation on Lot 3, then runs east to the existing line on Hisega Road. The proposed alignment allows this segment to be abandon in place. This alternate proposes to eliminate the service line that comes out of the valve pit near the foundation on Lot 3. The service line would be retapped as it crosses the new main on Wheaton/Hisega Road.

The primary concern of this project is the increased length of water main replacement and more importantly, the constructability of installing a new water

line in the same area as a 7200 Volt underground power line which is directly on top of the water mains from the pump house to Wheaton Road.

This alternate would include associated appurtenances such as isolation valves, fittings and blow off hydrants. All service lines would be retapped to the new line, extended, new curb stops installed and re-connected as required.

Improvements to the pump house will be considered in the Master Plan and will likely be a future phase of improvements.

4. Option B – SD Hwy 44 Alignment. This alternative would replace the existing 2 and 4 inch water lines from the pump house to Hisega Road with 6 inch C-900 PVC water main, however, the alignment would be along Hwy 44 instead of Wheaton Road. The two existing water mains on either side of Hisega Road from Wheaton Road to SD Hwy 44 would also be replaced with a single 6 inch C-900 PVC water main. A new highway crossing is part of this alternate at Hisega Road and Hwy 44 for the new 6 inch line. A connection will be made outside of the pump house. This alternate does not propose any improvements be made within the pump house as part of this project.

This alternate proposes to eliminate a segment of 1 ¼ inch water main located across Tract 2 on Big Piney road. This water line is reported to run near or under the house foundation on Tract 2 and as part of the purchase agreement it is to be corrected within 3 years of the purchase. The existing water line will be abandon in place and the service lines reconnected from Big Piney Road. This line is essentially a duplicate line of the 2 inch water line on Big Piney Road and provides no significant looping.

This alternate also proposes to clean up the existing line configuration on Lots 3 and 4 located in the northwest quadrant of Hisega and Wheaton roads. Currently the water main along Wheaton Road runs north into a valve pit at the residential foundation on Lot 3, then runs east to the existing line on Hisega Road. The proposed alignment allows this segment to be abandon in place. This alternate proposes to eliminate the service line that comes out of the valve pit near the foundation on Lot 3. The service line would be retapped as it crosses the new main on Wheaton/Hisega Road.

This alternate avoids the construction issues of the underground high voltage power line directly on top of the water mains from the pump house to Wheaton Road. It also has slightly less lineal footage of pipe to install.

This alternate would include associated appurtenances such as isolation valves, fittings and blow off hydrants. All service lines would be retapped to the new line, extended, new curb stops installed and re-connected as required.

Layouts of the proposed alternatives are provided in [Appendix E](#).

Improvements to the pump house will be considered in the Master Plan and will likely be a future phase of improvements.

The following items have typically been noted during on-site inspections. These items will be addressed in the Master Plan document which will look at proposed future projects, prioritization and the cost of those projects.

DENR does not recommend the use of underground vaults to house water system equipment due to contamination, currently all treatment is located underground, adjacent to a flood plain. Any expansion and upgrade of the pump house must comply with flood plain requirements or be located out of the flood plain.

System vulnerability is always a concern, a small system is less likely to be targeted, however, system vulnerability should be evaluated.

Security fencing should be considered for the infiltration gallery access, pump house and back wash pit to limit access. The access covers are locked, however, security fencing would provide an additional layer of security at minimal cost.

The system must be operated by a Class 1 certified operator and DENR has recommended that an emergency response plan be developed in the event of significant water supply loss or other emergency situations such as contamination.

A model of the system is recommended to determine which loops would provide the most benefit to the system and enable prioritization if needed.

B. Evaluation of Monetary Costs

1. Current Operation and Maintenance Cost

Hisega Meadows Water Inc has operated the system since June 27, 2011. Operation and Maintenance costs for the last 6 months totaled \$91,508.69. In reviewing the costs for this 6 month period, it appears that the first 6 month period will mirror this period in water use and costs. The first 6 month period will have same number of high use and low use months.

Therefore, the annual Operation and Maintenance costs are projected to be \$183,018.00. The O&M costs will be the same for either alternative.

A breakout of the operating and maintenance costs is included in **Appendix D**.

2. Total Project Costs

The estimated project costs for the two alternatives are as follows:

Alternative A: \$499,500.00

Alternative B: \$487,500.00

Probable Estimate of Cost for Alternatives A and B are included in Appendix A. Each estimate has nearly a 20% contingency for the level of research complete to date.

3. Present Worth Analysis

Alternative A: Construction Costs: \$499,500.00
O&M Costs: \$183,018.00

Alternative B: Construction Costs: \$487,500.00
O&M Costs: \$183,018.00

Present Worth of O&M

(20 yr term, 4% interest, PWF:13.5903)

Present worth analyses are generally used in the evaluation of various alternatives, typically for facilities that could be constructed using a variety of different processes or materials. However, since the Operation and Maintenance costs are the same for both alternates, the only difference becomes the construction cost difference the present worth analyses is not applicable to this project.

C. Demonstration of Financial Capability

Hisega Meadows Water Inc. has established a rate structure that will generate revenue to fully fund the proposed project, system operation and maintenance costs as well as the required reserve and short lived asset accounts.

The current minimum water rate required by the State for Homeowners Associations such as Hisega Meadows Water Inc., is \$55.00 per 7,000 gallons of drinking water. Hisega's rate structure exceeds the minimum rate requirements set by the State to be eligible for SD DENR grant and loan programs.

The current water base rate is \$80.00 plus 0.30 per 100 gallons of water used up to 15,000 gallons. The cost per 100 gallons used, above 15,000 gallons, increases to 0.40 cents up to 45,000 gallons used.

The current rate structure is included in **Appendix D**.

D. Capital Financing Plan

There are primarily two funding sources available for the improvements proposed in this study – SDDENR and USDA RD funds. Specific sources include the State Revolving Fund (SRF) loan, Consolidated Water Facilities Construction Grants and USDA Rural Development funding.

Other sources could include Consolidated Development Block Grants, revenue bonds, and assessment programs however, none of these sources are being considered for funding of the proposed project at this time.

At this time, USDA RD is not being considered as a funding source primarily due to Hisega Meadows Water not being grant eligible through USDA RD.

The current SRF loan can be financed for a maximum term of 20 years at an interest rate of 3.0 percent. The current Rural Development loan can be financed for a maximum term of 40

years at an interest rate of 3.75 percent. For the purposes of this report, a local cash contribution of \$25,000.00 is shown as part of the proposed project.

E. Environmental Evaluation

The scope of this report does not include a complete environmental assessment. Midwest Assistance is completing an environmental assessment of the proposed project which will be included in the final report.

It is anticipated that since this project is anticipated to be located within existing disturbed right of ways or easements, a finding of no significant impact will be recommended.

F. Comparison of Alternatives

The two primary alternatives have been discussed in preceding sections, the relative merits of each of the alternatives have been discussed and evaluated.

G. Views of the Public and Concerned Interest Groups

A public hearing will need to be scheduled following approval of the final report. The public hearing must include a presentation by the engineer that discusses the merits of the project, a discussion by a Hisega Meadows Water, Inc. representative outlining any impact the project will have on the individual water system customers regarding rates. Comments should be received from the public as part of this public hearing as well. In addition, the public should be given a two-week period to submit written comments regarding the project. Comments received at the meeting and from written responses will be acknowledged and addressed under separate cover. A copy of the Notice of Public Hearing, list of attendees, the minutes of the public hearing and the affidavit of publication should be included in this Report under separate cover. The funding application packet will need to include these items.

IV. SELECTED PLAN, DESCRIPTION AND IMPLEMENTATION ARRANGEMENTS

A. Justification and Description of Selected Plan

The selection of the selected plan was primarily based on two major factors:

1. Construction Cost. The construction cost of Option B is less than the construction cost of Option A. Constructability is much easier due to being within the highway right of way.
2. Construction concerns related to the high voltage power line on top of the existing water line from the pump house to Wheaton Road. Working near this high voltage underground power line creates construction issues.

For these reasons, Option B has been selected as the preferred option.

B. Design of Selected Plan

The preliminary layout of the proposed project is shown in [Figure 2.1B](#) located in the [Appendix C](#).

Water Supply Improvements. The infiltration gallery appears to be meeting the demands of the system. There was no inspection of this component. No improvements are being proposed to the water supply component with the proposed project.

Water Treatment/Pump Station Improvements. No improvements are being proposed to the water treatment/pumping station component with the proposed project. The Master Plan will propose future improvements to the pump station such as an above grade pump station, larger pump station, installation of the UV system, installation of a sedimentation basin prior to treatment and an emergency power generator in the event of a prolonged power outage.

DENR does not recommend the use of underground vaults to house water system equipment due to contamination, currently all treatment is located underground and adjacent to a flood plain. Any future expansion and upgrade of the pump house must comply with flood plain requirements or be located out of the flood plain.

System vulnerability is always a concern, a small system is less likely to be targeted, however, system vulnerability should be evaluated.

Security fencing should be considered for the infiltration gallery access, pump house and back wash pit to limit access. The access covers are locked, however, security fencing would provide an additional layer of security at minimal cost.

Storage Improvement Recommendations. No improvements are being proposed to the storage component as part of the proposed project. The Master Plan will look at storage improvements to include a new standpipe reservoir,

Distribution System Improvements. The system is providing water to users, however, there is a level of uncertainty of exactly what the system is actually constructed of. As constructed plans are schematic in nature and discrepancies have been identified. The early piping is reaching approximately 40 years and the end of its useful life span. Rural Water, during its evaluation of the water system,

identified a leak on the 2 inch main pump line adjacent to Wheaton Road – west of Hisega road.

The proposed project includes the following:

1. Replace the main pump line from the pump house to Hisega Road. The proposed alignment is from the pump house along Hwy 44 to Hisega road with 6 inch C-900 PVC.
2. A Highway crossing of Hwy 44 at Hisega Road.
3. Replacement of the mains on Hisega Road from Hwy 44 and Wheaton Road with a single 6 inch C-900 PVC.
4. Replacement of the existing mains along Wheaton Road from Hisega Road west to approximately Black Hills Nursery with 6 inch C-900 PVC.
5. Abandoning of the replaced mains in place.
6. Utilization of the existing 4 inch main from Black Hills Nursery to near the pump house.
7. Abandoning the water main crossing under Tract 2 on Big Piney road.
8. Installation and reconnection of services that are impacted by the water main replacement.
9. Abandon and reconnect the two services lines in the northwest quadrant of Hisega and Wheaton Roads.
10. Associated valves, blow off hydrants, curb stops and meters.

This will become Phase 1 of future water system improvements. These items have been identified as having priority for HMWI. It replaces an aging segment of transite pipe, replaces the aging 2 inch galvanized undersized main pump line which currently has a leak and corrects service line issues

Due to the limitation of the pump house, fire hydrants are not planned to be installed on the proposed water mains. The fire department has the capacity to pull more water than the pump house capacity and therefore could collapse the water mains. HMWI plans to look at fire department load stations in the Master Plan.

The system must be operated by a Class 1 certified operator and DENR has recommended that an emergency response plan be developed in the event of significant water supply loss or other emergency situations such as contamination.

A model of the system is recommended to better determine how future improvements will impact pressure and flow capabilities which can be used to prioritize future projects.

C. Cost Estimates for the Selected Plan

The following Engineer's preliminary opinion of probable construction costs is included in **Appendix A**. The estimates have been developed based on the Rapid City Estimating Guide and recently bid projects. The opinion contains a 10 percent plus contingency to account for the current level of investigation.

Estimate of Probable Costs:

Construction cost:	\$ 352,500.00
Contingency:	\$ 80,000.00

Other Costs:	\$ 55,000.00
Total Project Cost:	\$ 487,500.00

D. Annual Operating Budget

(1) Income

HMWI's revenue is limited to water sales revenue. The rate structure has been set at \$80.00 minimum charge and 0.30 cents per hundred gallons used up to 15,000 gallons. Use above 15,000 gallons is billed at 0.40 cents per hundred gallons used up to 45,000 gallons.

Hisega Meadows Water, Inc. currently has a one time membership fee of \$1,000.00 which will be considered non-operating income.

The intent of HMW is not to raise water rates for completion of this project.

(2) Operations and Maintenance Costs.

The proposed HMWI Operating and Maintenance costs are projected to be \$183,018.00 per year. A breakout of these costs are included in [Appendix D](#).

This O&M projection is based on the 6 month of operations since purchasing the system in June 2011. It is felt that the other 6 months will mirror this 6 month period in usage as well as costs.

It should be noted that the professional fees will not be as high as indicated in the 6 month reporting period. The \$18,144.00 in professional fees was primarily attorney fees for purchasing the system. Future professional fees will be much lower. One fee that is not reflected is a fee for maintenance and inspection of the reservoirs. Generally reservoirs should be inspected on a regular basis (1-3 year cycle). With three reservoir sites on a three year inspection cycle, the projected fee would be in the area of \$5,000.00 per year. The reduction in the professional fees would more than cover the maintenance and inspection fee.

(3) Debt Repayments

HMWI currently has one loan from USDA Rural Development for purchase of the water system in June 2011. The loan amount is \$1,038,019.00. The monthly payment on this debt is \$4527.00.

The proposed project of \$487,000.00, assuming no grant or local cash, would have an annual debt service payment of approximately \$32,768.00 or \$2,731.00 per month.

(4) Reserves

Debt Service Reserve

HMWI has developed a 10% reserve account (1/10 of annual debt service for 10 years) per the loan agreement with USDA Rural Development. For the proposed project, this will require \$3,276.00 be placed into the reserve account above the current amount being placed into the reserve account.

Short-Lived Asset Reserve

HMWI will need to develop a short-lived asset reserve to minimize impacts should a short-lived asset fail.

Short Lived Asset Schedule:

<u>Category</u>		<u>Amortized Cost</u>
1-5 Years	Curb Stop Replacement	\$ 500/Year
	Sand media/pump house piping replacement	\$ 300/Year
5-10 Years	Pump R & R	\$1,200/Year
	Disinfection/Monitoring Equip	\$ 500/Year
10-15 Years	Fire Hydrants	\$3,000/Year
	Gate Valves	\$1,500/Year
	Total	\$7,000.00/Year

E. User Rate Impacts

Appendix B provides various funding scenarios of the proposed project. Current users must cover the cost of the construction and debt retirement. There is no growth projected so there is no additional user revenue anticipated. The rates will generally be the responsibility of the users on the system today.

Grants and loan combinations can be obtained from SDDENR and USDA Rural Development. Rural Development has a maximum grant amount of 45% of the project cost, however, Rural Development determines grant eligibility based on the median household income. The median household income in the service area makes Hisega Meadows Water ineligible for grant eligibility, therefore, it is anticipated that SDDENR will likely fund the project.

The proposed project will not increase water user rates.

F. Environmental Impacts and Mitigation of Selected Plan

1.1 Issue Summary

Every project has the potential for environmental impacts. Projects located in more environmentally sensitive areas have a higher impact potential than projects located in less sensitive areas.

The major issues relating to this project are primarily the potential of erosion and sediment during construction near Rapid Creek, construction dust and noise. Erosion control measures will be implemented to contain dust and drainage during construction. Implementation of best management practices will also mitigate any impact during the construction process.

2.1 Population, Land Use, Growth

2.1.1 Existing Conditions. The proposed project will not have significant impacts to population. The service area is fully platted and all but 15 lots within the service area have been developed. There is potential for some subdivision of existing lots, however, that is expected to be minimal.

2.1.2 Significant Criteria. Pennington County Subdivision and zoning ordinances.

2.1.3 Environmental Impacts. The proposed project will have only minimal and short term impacts on population and land use. Nearly all of the service area is developed.

There is no future development currently in the planning phase that would request service from Hisega Meadows Water.

2.1.4 Mitigation Measures. Insure compliance with Subdivision, Future Land Use and zoning ordinances. No mitigation measures are anticipated as a result of the proposed project.

WATER RESOURCES

3.1 Surface Water

3.1.1 Existing Conditions. Surface water generally is overland flow during storm events through road ditches and ravines generally to Rapid Creek. The proposed project will not impact or change those flow characteristics.

This segment of Rapid Creek is classified by the South Dakota Water Quality Standards and uses Assigned to Streams for the following beneficial uses Per Administrative Rule 74:51:03:01:

- (1) Domestic water supply waters
- (2) Coldwater permanent fish life propagation waters
- (7) Immersion recreation waters
- (8) Limited-contact recreation waters
- (9) Fish and wildlife propagation, recreation and stock watering waters
- (11) Irrigation waters

Due to the assignment of beneficial uses, construction measures must insure that the suspended solids standard is not violated with work near Rapid Creek.

3.1.2 Significant Criteria. SD DENR Surface Water Quality Standards.

3.1.3 Environmental Impacts. Construction activities have the potential to increase the suspended solids level due to erosion and sediment of the disturbed areas.

3.1.4 Mitigation Measures. The proposed project will utilize erosion and sediment control features in the design such as silt fence, wattles, diversion ditches , if needed, and other BMP's as may be dictated by the project. Especially at key areas.

4.1 Ground Water

4.1.1 Existing Conditions. No impact is anticipated.

4.1.2 Significant Criteria. SDDENR Water Quality Standards.

4.1.3 Environmental Impacts. No impacts are anticipated by the proposed or future projects.

4.1.4 Mitigation Measures. No mitigation measures are anticipated to be needed.

5.1 Wetlands

5.1.1 Existing Conditions. The proposed project does not contain any identified wetlands as identified by the US Fish and Wildlife.

Any future development must be evaluated as there are identified wetlands in the service area. Maps of the identified wetlands are included in [Appendix C](#).

5.1.2 Significant Criteria. Federal, State and Local Wetland regulations and Executive Order 11990.

5.1.3 Environmental Impacts. The proposed project will have no impact on the identified wetlands as they are not located within the proposed project limits.

5.1.4 Mitigation Measures. No mitigation measures are anticipated as a result of the proposed project.

6.1 Floodplain

6.1.1 Existing Conditions. The Hisega Water System has an intake gallery on Rapid Creek west of Hisega Road. This is the only floodplain located within the Hisega Water System service area.

Flood Insurance Rate Map, FEMA Community FIRM Panel number 4600640708B, effective December 1, 1981 illustrates the flood plain boundary of Rapid Creek near the intake gallery. The intake on Rapid Creek is located in Zone A10 with a Base Flood Elevation (BFE) of 4167 (NGVD 1929 datum) and also located in Zone B (500 year flood plain).

The balance of the service area is located outside of any defined floodplain. Panel 4600640709B covers the balance of the service area and the Flood Insurance Rate Map, FEMA Community Firm Panel 460064INDIA, map index indicates, "Panel not printed – Area in Zone D" for panel 4600640709B.

The reference FIRM Panels are provided in the [Appendix C](#).

6.1.2 Significant Criteria. Federal, State and local flood plain regulations and ordinances.

6.1.3 Environmental Impacts. The proposed project is not anticipated to have any long term impacts. Special precautions will be taken during installation of the water main located near the pump house within the flood plain. There will be short term surface disturbance in this area, however, BMP's will be utilized and the disturbed area will be re-vegetated as quickly as possible.

Future improvements of the pump house will have to be evaluated as part of a future project. Adequate BMP's will need to be incorporated to avoid any impacts to the flood plain.

6.1.4 Mitigation Measures. Floodplain Development permits will be required by Pennington County. The design will utilize BMP's to minimize any impact to the floodplain. Trenching will be kept to minimal widths in the designated floodplain areas to minimize disturbance of the floodplain. Re-seeding will be required to be completed immediately following construction to re-establish vegetation as quickly as possible within the floodplain areas.

All construction including this project and future development will have to comply with Floodplain Ordinances of the county and the town which will insure the floodplain impacts and floodplain capacity are not impacted.

SOCIAL AND ECONOMIC FACTORS

7.1 User Fees

7.1.1 Existing Conditions. The proposed project will not increase user fees.

If there is a request for future water service, that development will certainly require funding for extension of the infrastructure, however, it is assumed and recommended that any future extension of infrastructure will be made a condition of service and be the responsibility of the applicant to fund.

7.1.2 Significant Criteria. SD DENR applicable rate requirements and debt repayment ability. SD DENR guarantee of payment obligations.

7.1.3 Environmental Impacts. None anticipated.

7.1.4 Mitigation Measures. Current and future Boards of Trustees need to stand by the commitment made to the residents of the service area to not increase water rates unless absolutely necessary.

Current and future boards of Hisega Meadows Water need to insure that any future development is funded by the applicant and that the system does not extend itself beyond its ability to repay debt without a rate increase.

8.1 Right of Way

8.1.1 Existing Conditions. The proposed project is proposed to fall within existing water system easements or dedicated public right of way.

There is an access easement from the pump house to the Hwy 44 right of way, however, it is unclear if this was written to include utilities. This will require verification and if the existing easement does not allow utilities, a utility easement will need to be obtained as part of the project.

8.1.2 Significant Criteria. Plats and easement documents.

8.1.3 Environmental Impacts. No environmental impacts anticipated.

8.1.4 Mitigation Measures. No mitigation measures required.

OTHER PHYSICAL AND NATURAL FACTORS

9.1 Permits Required

9.1.1 Existing Conditions. There will be various permits required for the proposed construction. Pennington County has a permitting process in place by ordinance. The following is a list of anticipated permits:

SDDOT Hwy utility Permit for the Hwy 44 crossing

SDDOT utility permit to allow utilities within the state right of way

Pennington County Floodplain permit for work near the pump house

Pennington County Construction permit

Pennington County right of way permit to place utilities within the county right of way

Pennington County right of way permit to allow work within the county right of way

9.1.2 Significant Criteria. Local permitting regulations.

9.1.3 Environmental Impacts. No impact anticipated.

9.1.4 Mitigation Measures. Mitigation measures will include any permitting conditions of approval. The obvious condition will likely be that any disturbed area be reconditioned to the pre-construction condition and be vegetated.

10.1 Wildlife and Fisheries

10.1.1 Existing Conditions. Per Administrative Rule 74:51:01, 74:51:03:02 and 74:51:03:17, Rapid Creek, through this area has the following beneficial uses assigned:

- (1) Domestic water supply waters
- (2) Coldwater permanent fish life propagation waters
- (7) Immersion recreation waters
- (8) Limited-contact recreation waters
- (9) Fish and wildlife propagation, recreation and stock watering waters
- (10) Irrigation waters

10.1.2 Significant Criteria. Admin Rule 74:51:03:01 and DENR Stormwater runoff regulations.

10.1.3 Environmental Impacts. The proposed project is not anticipated to have any impacts.

10.1.4 Mitigation Measures. The disturbed areas will require erosion and sediment control to be incorporated into the construction plans and permitting. Best management practices will be utilized. Specific controls will likely include silt fence, wattles, contained concrete washout area and others as maybe applicable.

Future construction plans will need to include the same provisions. It will be critical that as part of any review and permit process, this area is considered and reviewed by the approving authority to insure compliance.

11.1 Threatened and Endangered Species

11.1.1 Existing Conditions. The following threatened and endangered species are listed for Pennington County on the SD Listed Species by County List:

- | | |
|----------|---------------------|
| Bird: | Least Tern |
| | Whooping Crane |
| | Sprague's Pipit |
| Mammals: | Black-footed Ferret |

Whooping Crane and Bald Eagles have not been seen at the site, but may be present. The Bald Eagle was removed from the List of Endangered and Threatened Wildlife effective August 8, 2007.

A visual inspection of the site and surroundings detected no Prairie Dog evidence, thus Black Footed Ferret habitat does not appear to be present.

Wildlife known to inhabit the area includes all common mammal and bird species, which inhabit the Black Hills.

Vegetation within the project area consists of native prairie grasses, urban landscape, trees, shrubs and related species native to Western South Dakota.

An environmental assessment is being completed by MAP.

11.1.2 Significant Criteria. Endangered Species Listing.

11.1.3 Environmental Impacts. Construction activity has the potential to have direct and indirect impacts. Construction activity could disrupt nesting areas, disruption of migratory patterns and loss of nesting and habitat areas. However, the proposed project is not anticipated to have any negative impact on endangered and threatened species.

Future development has the same potential to impact endangered species. A thorough review should be completed as part of any future development permitting process to insure impacts are minimized. No additional development or expansion of the system is being planned at this time.

11.1.4 Mitigation Measures. No specific mitigations measures are anticipated due to the proposed project.

Construction plans will provide as much protection as possible to minimize any impacts. Disturbed areas will be minimized to have the least impact. Vegetation of disturbed areas will be required to occur as quickly as possible after construction.

A complete review should be included as part of the review and permitting process for all future construction and development which will expand and extend this project.

12.1 Prime Farmland

12.1.1 Existing Conditions. There is no prime farm land being affected by the proposed project.

12.1.2 Significant Criteria. NCRS soil surveys.

12.1.3 Environmental Impacts. No impacts anticipated due to the proposed project.

12.1.4 Mitigation Measures. No mitigation measures are anticipated for the proposed project.

13.1 Construction Impacts

13.1.1 Existing Conditions. Existing activity is limited to typical suburban residential conditions.

13.1.2 Significant Criteria. Federal, State and local noise guidance criteria.

13.1.3 Environmental Impacts. Construction activities are not anticipated to create any long term impacts. Construction activities will create short term, temporary increases in noise levels due to construction activities such as equipment operations. A higher level of truck hauling activity would be anticipated as well. Depending on weather conditions, it is expected that dust levels would increase due to additional traffic on, some on gravel roads, trenching operations.

13.1.4 Mitigation Measures. Construction activities will be limited to daylight hours between 7 am and 6 pm. This will eliminate construction activity in the early morning and evening hours when it is most likely to cause an impact. Water will be used to minimize dust as required.

14.1 Cultural Resources

14.1.1 Existing Conditions. A cultural records search has not been completed as part of this report. Midwest Assistance is preparing an environmental assessment which will likely include a records search and possibly a pedestrian survey of the construction areas. Any recommendations from the environmental assessment and SD SHIPO will be incorporated into the construction plans.

It is not anticipated that cultural resources will be identified and a finding of no significant impact is expected to be issued.

14.1.2 Significant Criteria. Guidance published by the State Historical Preservation Office.

14.1.3 Environmental Impacts. The proposed project is not expected to have any impacts on cultural resources.

14.1.4 Mitigation Measures. No mitigation measures are anticipated for the proposed project.

Future projects should be reviewed and evaluated as to potential impacts and mitigations measures adopted for the specific conditions. The reviewing and approving authority has the responsibility to insure that cultural resources are identified and protected during the permitting process.

15.1 Historic Properties

15.1.1 Existing Conditions. The proposed project will not disturb any Historic properties.

15.1.2 Significant Criteria. Guidance published by the State Historical Preservation Office.

15.1.3 Environmental Impacts. No impacts are anticipated in the proposed project.

15.1.4 Mitigation Measures. No mitigation measures are required for the proposed project. Future projects should be reviewed as to impacts on Historic Properties during the review and approval process. The reviewing and approving authority has the responsibility to insure that cultural resources are identified and protected during the permitting process.

MISCELLANEOUS ISSUES

16.1 Noise

16.1.1 Existing Conditions. The proposed project is located adjacent to residential homes. Construction activities will produce an increased level of noise

16.1.2 Significant Criteria. Local ordinances.

16.1.3 Environmental Impacts. Increased noise levels will occur during construction due to equipment operations as well as haul operations. This will not be a long term effect and will occur only during construction activities. The completed project and future projects are not expected to create any long term adverse effects.

16.1.4 Mitigation Measures. Measures will include minimizing construction noise as much as possible. Times of construction will be limited to daylight hours and generally between the hours of 7am to 5 pm. This will minimize noise levels due to construction activities during evening hours which would be most disruptive to the community.

SUMMARY OF MITIGATION DUE TO ENVIROMENTAL IMPACTS OF THE PROPOSED PROJECT

Some temporary environmental impacts will result during construction of the proposed project. Minor dust and noise will result from the construction activity. Erosion and sediment control measures will be implemented to contain sediment and minimize erosion during construction. Implementation of best management practices will also mitigate any impact during the construction process.

BMP's will be included as part of the design and construction plans to protect drainage ways leading to Rapid Creek. Work near Rapid Creek will also have adequate BMP's installed to protect the creek.

Portions of the proposed project will be located in identified floodplain, however, no historical or archeological sites are known to exist within the proposed work limits. Construction plans will provide for construction techniques to protect environmental assets and eliminate any impact to the flood plains.

No known wetlands exist within the work limits.

The proposed project is not anticipated to have any long term impacts and only minimal short term impacts. Mitigation measures are not anticipated to be more than standard BMP's. If installed properly, those BMP's should provide adequate environmental protection.

G. Arrangements for Implementation

1. Intermunicipal Service Agreements.
HMWI will have intermunicipal agreement with the City of Rapid City for allocated water from Pactola Reservoir.
2. Operation and Maintenance Requirements.
The O&M costs are incorporated into the water rate. O&M requirements are not anticipated to change as a result of the proposed project.
3. Permits Required.
 - SD DOT Right-of-Way permits for the Highway Crossings and for utilities located in the state right of way
 - County permits as required for utilities in public Right-of-Way
 - SD DENR permits for dewatering and a storm water permit
 - County Flood Plain Development Permit for any work within the identified flood plain.

H. Land Acquisition

1. General Acquisition.

The purposed project may require utility easement be secured from three landowners located between the pump house and Hwy 44. All other construction will be located within existing right of way or existing water line easements.

Some temporary construction easements may be required due to the phasing of the project to keep the existing lines in service until the new lines can be installed, tested, chlorinated and flushed. Exact locations of temporary easements should be determined based on final design and construction plans.

2. Acquisition Method.

It is anticipated that the easements would be provided by the landowners since they are all users of the HMWI. However, those easements, if required, will need to be negotiated between the landowners and Hisega Meadows Water, Inc.

3. Land Costs.

The cost estimate has allocated \$5,000.00 for easement purchase.

I. Implementation Schedule

IMPLEMENTATION SCHEDULE

Submit Funding Application	April 1, 2012
SDDENR Board of Water	June 2012
Complete Plans and Specifications of the Proposed Project	Fall/Winter 2012
Advertise for Bids	Jan 2013
Award Contract	Feb 2013
Begin Construction	April 2013
Complete Construction	Sept 2013

V. CONCLUSION

Hisega Meadows Water Inc. has now completed the purchase of the water system and has operated the system for six months. During that period, Rural Water has completed an evaluation of the system and discovered a leak in the main pump line adjacent to Hisega Road – just west of Hisega Road. This line is under higher pressures and HMWI has concerned that this line may fail which would interrupt service to all customers. In addition, there are three service lines which are located directly adjacent to or are under residential foundations. One is required to be corrected by the purchase agreement within three years of the purchase date. HMWI wishes to correct the other two service line issues as part of this project.

LIST OF APPEDICES

Appendix A: Probable Estimate of Costs

Appendix B: Funding Scenarios

Appendix C: Maps and Figures

Vicinity Map

Subdivision Map

Flood Plain Maps (FIRM Panels)

Wetland Maps

Water system Demolition Plan

Option A: Wheaton Road Alignment

Option B: Hwy 44 Alignment

Easement Plats

Appendix D: Miscellaneous Data

Financial Data

Hisega Meadows Water Inc. Bylaws

Water Users Agreement

Water Rate Schedule

SD DENR Site Visit Report

HISEGA MEADOWS WATER SYSTEM
 PROBABLE ESTIMATE OF COST
Option A - Wheaton Road

AES Project No. 11-025
 February 24, 2012

Item No. Description	Quantity	Unit	Unit Price	Extended Amount
1. Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
2. 6" PVC Water Main	5,350	LF	\$ 28.00	\$ 149,800.00
3. 1" Service Line (Poly) (50 ft per lot)	700	LF	\$ 20.00	\$ 14,000.00
4. 1" Tapping Saddle & Corp Stop	14	EA	\$ 350.00	\$ 4,900.00
5. 1" Curb Stop & Box	14	EA	\$ 300.00	\$ 4,200.00
6. Reconnect Service Lines	10	EA	\$ 1,000.00	\$ 10,000.00
7. Connect to Existing Water Lines	7	EA	\$ 1,000.00	\$ 7,000.00
8. Disconnect & Abandon Existing Water Lines	5	EA	\$ 800.00	\$ 4,000.00
9. Flushing Hydrants	4	EA	\$ 3,000.00	\$ 12,000.00
10. 6" Valves with Valve Box	8	EA	\$ 1,500.00	\$ 12,000.00
11. 6" Fittings	18	LS	\$ 500.00	\$ 9,000.00
12. Construction Staking	1	LS	\$ 5,000.00	\$ 5,000.00
13. Rock Excavation (50% Length)	1,000	CY	\$ 75.00	\$ 75,000.00
14. Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
15. Erosion Control	1	LS	\$ 5,000.00	\$ 5,000.00
16. Storm Water Plan	1	LS	\$ 2,500.00	\$ 2,500.00
17. Highway Bore & 12 inch Steel Casing	100	LF	\$ 200.00	\$ 20,000.00
18. Asphalt Repair - Class G - 5 inch	20	TON	\$ 95.00	\$ 1,900.00
19. Gravel Surfacing - 6 inch	230	TON	\$ 21.00	\$ 4,830.00
20. Seeding, Fertilization, Mulching	1	AC	\$ 2,500.00	\$ 3,000.00
21. Miscellaneous	1	LS	\$ 5,000.00	\$ 5,370.00
Sub-Total				\$ 364,500.00
Contingency (10% plus)				\$ 80,000.00
Total Construction Cost				\$ 444,500.00
Other Costs				
Easements/Land				\$ 5,000.00
Survey, Design and Construction Documents Preparation (10%)				\$ 20,000.00
Construction Engineering (4%)				\$ 10,000.00
Legal and Administration (3%)				\$ 10,000.00
Cultural Resource Study				\$ 5,000.00
Environmental Assessment				\$ 5,000.00
Other Costs Subtotal				\$ 55,000.00
Total Project Costs				\$ 499,500.00

Based on Rapid City Estimating Guide & Recently Bid Projects
 Type 1 Bedding Incidental to pipe

HISEGA MEADOWS WATER SYSTEM

PROBABLE ESTIMATE OF COST

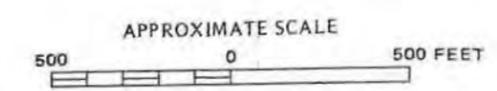
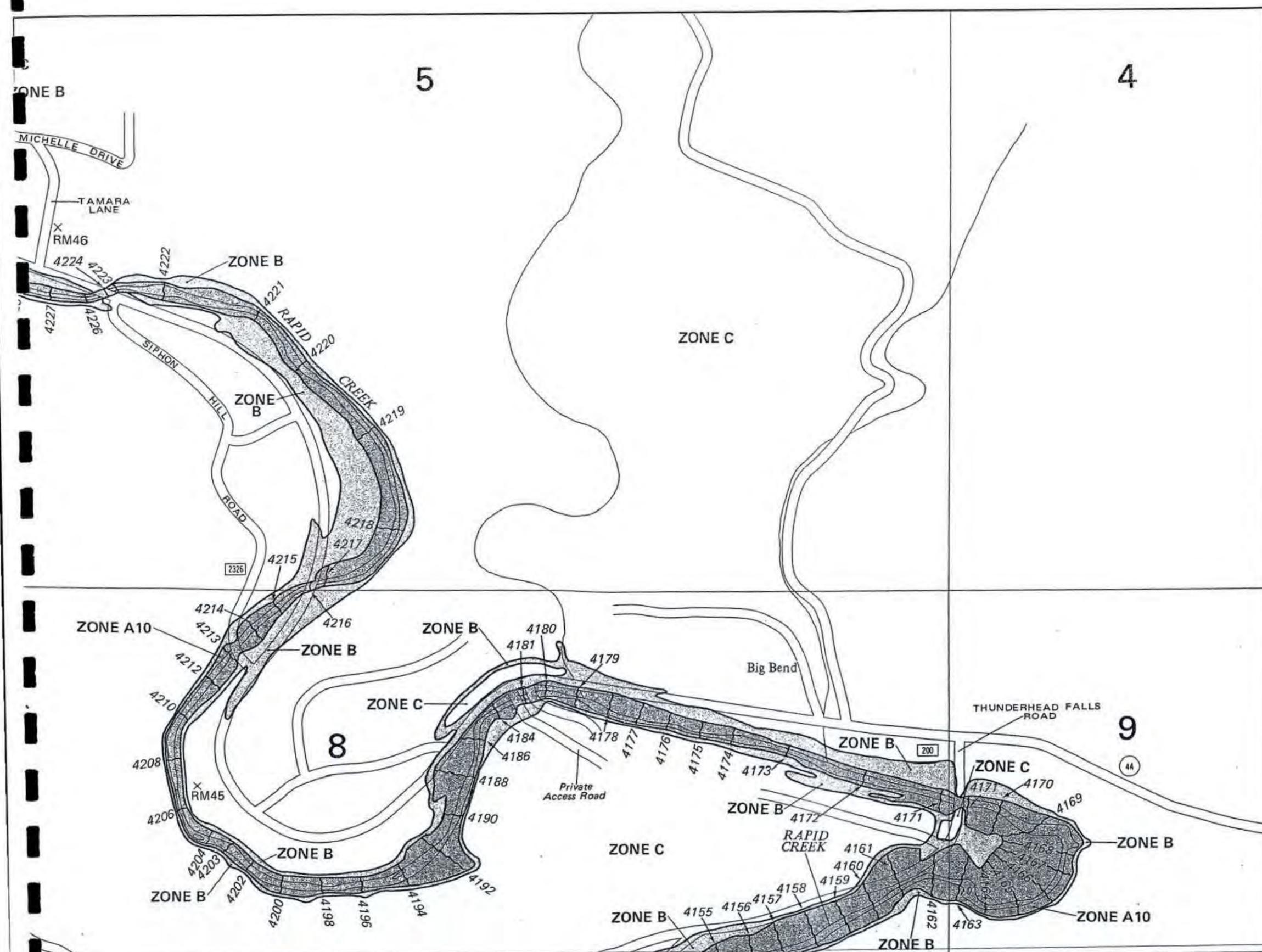
Option B - Hwy 44

AES Project No. 11-025

February 24, 2012

Item No.	Description	Quantity	Unit	Unit Price	Extended Amount
1.	Moblization	1	LS	\$ 10,000.00	\$ 10,000.00
2.	6" PVC Water Main	5,100	LF	\$ 28.00	\$ 142,800.00
3.	1" Service Line (Poly) (50 ft per lot)	700	LF	\$ 20.00	\$ 14,000.00
4.	1" Tapping Saddle & Corp Stop	14	EA	\$ 350.00	\$ 4,900.00
5.	1" Curb Stop & Box	14	EA	\$ 300.00	\$ 4,200.00
6.	Reconnect Service Lines	10	EA	\$ 1,000.00	\$ 10,000.00
7.	Connect to Existing Water Lines	7	EA	\$ 1,000.00	\$ 7,000.00
8.	Disconnect & Abandon Existing Water Lines	5	EA	\$ 800.00	\$ 4,000.00
9.	Flushing Hydrants	4	EA	\$ 3,000.00	\$ 12,000.00
10.	6" Valves with Valve Box	7	EA	\$ 1,500.00	\$ 10,500.00
11.	6" Fittings	20	LS	\$ 500.00	\$ 10,000.00
12.	Construction Staking	1	LS	\$ 5,000.00	\$ 5,000.00
13.	Rock Excavation (50% Length)	1,000	CY	\$ 75.00	\$ 75,000.00
14.	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
15.	Erosion Control	1	LS	\$ 5,000.00	\$ 5,000.00
16.	Storm Water Plan	1	LS	\$ 2,500.00	\$ 2,500.00
17.	Highway Bore & 12 inch Steel Casing	100	LF	\$ 200.00	\$ 20,000.00
18.	Asphalt Repair - Class G - 5 inch	20	TON	\$ 95.00	\$ 1,900.00
19.	Gravel Surfacing - 6 inch	30	TON	\$ 21.00	\$ 630.00
20.	Seeding, Fertilization, Mulching	1	AC	\$ 2,500.00	\$ 3,000.00
21.	Miscellaneous	1	LS	\$ 5,000.00	\$ 5,070.00
Sub-Total					\$ 352,500.00
Contingency (10% plus)					\$ 80,000.00
Total Construction Cost					\$ 432,500.00
Other Costs					
Easements/Land					\$ 5,000.00
Survey, Design and Construction Documents Preparation (10%)					\$ 20,000.00
Construction Engineering (4%)					\$ 10,000.00
Legal and Administration (3%)					\$ 10,000.00
Cultural Resource Study					\$ 5,000.00
Environmental Assessment					\$ 5,000.00
Other Costs Subtotal					\$ 55,000.00
Total Project Costs					\$ 487,500.00

Based on Rapid City Estimating Guide & Recently Bid Projects
 Type 1 Bedding Incidental to pipe



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

PENNINGTON COUNTY,
SOUTH DAKOTA
(UNINCORPORATED AREAS)

PANEL 708 OF 2025
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
460064 0708 B

EFFECTIVE DATE:
DECEMBER 1, 1981



federal emergency management agency
federal insurance administration

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

FIRM Zones

FIRMs show different floodplains with different zone designations. These are primarily for insurance rating purposes, but the zone differentiation can be very helpful for other floodplain management purposes. The more common zones are listed in Figure 3-10.

<p>Zone A</p>	<p>The 100-year or base floodplain. There are six types of A Zones:</p> <p>A The base floodplain mapped by approximate methods, <i>i.e.</i>, BFEs are not determined. This is often called an unnumbered A Zone or an approximate A Zone.</p> <p>A1-30 These are known as numbered A Zones (<i>e.g.</i>, A7 or A14). This is the base floodplain where the FIRM shows a BFE (old format).</p> <p>AE The base floodplain where base flood elevations are provided. AE Zones are now used on new format FIRMs instead of A1-A30 Zones.</p> <p>AO The base floodplain with sheet flow, ponding, or shallow flooding. Base flood depths (feet above ground) are provided.</p> <p>AH Shallow flooding base floodplain. BFEs are provided.</p> <p>A99 Area to be protected from base flood by levees or Federal Flood Protection Systems under construction. BFEs are not determined.</p> <p>AR The base floodplain that results from the decertification of a previously accredited flood protection system that is in the process of being restored to provide a 100-year or greater level of flood protection.</p>
<p>Zone V and VE</p>	<p>V The coastal area subject to a velocity hazard (wave action) where BFEs are not determined on the FIRM.</p> <p>VE The coastal area subject to a velocity hazard (wave action) where BFEs are provided on the FIRM.</p>
<p>Zone B and Zone X (shaded)</p>	<p>Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods. B Zones are also used to designate base floodplains of lesser hazards, such as areas protected by levees from the 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.</p>
<p>Zone C and Zone X (unshaded)</p>	<p>Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level. Zone C may have ponding and local drainage problems that don't warrant a detailed study or designation as base floodplain. Zone X is the area determined to be outside the 500-year flood and protected by levee from 100-year flood.</p>
<p>Zone D</p>	<p>Area of undetermined but possible flood hazards.</p>

Figure 3-10: Flood Insurance Rate Map Zones

Note that the special Flood Hazard Area (SFHA) includes only A and V Zones.

4600640225B
12/1/81

4600640250B
12/1/81

4600640275B
12/1/81

*4600640300B

**4600640305B

**4600640310E

*PANEL NOT PRINTED-AREA IN ZONE D
**PANEL NOT PRINTED-OUTSIDE STUDY AREA

4600640315B
12/1/81

**4600640315B
**4600640317B

C.M.S.T.P. & P.

City of Rapid
AREA INCL

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

PENNINGTON COUNTY,
SOUTH DAKOTA
(UNINCORPORATED AREAS)

4600640650B
12/1/81

4600640675B
12/1/81

4600640700B
12/1/81



4600640700B
12/1/81

City of Rapid
AREA INCL

4600640715B
12/1/81

Spring

MAP INDEX PAGE 1

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COMMUNITY-PANEL NUMBER
460064IND1A

MAP REVISED:
JUNE 2, 2005



Federal Emergency Management Agency

Black Hills National Forest

4600641105C
6/2/05

4600641110C
6/2/05

4600641130C
6/2/05

Town of Hill City
AREA NOT INCLUDED

4600641150C
6/2/05
Town of Keystone
AREA NOT INCLUDED

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12/1/81

4600641075B
12/1/81

4600641100B
12/1/81

4600641111B
12/1/81

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4600641113C
6/2/05

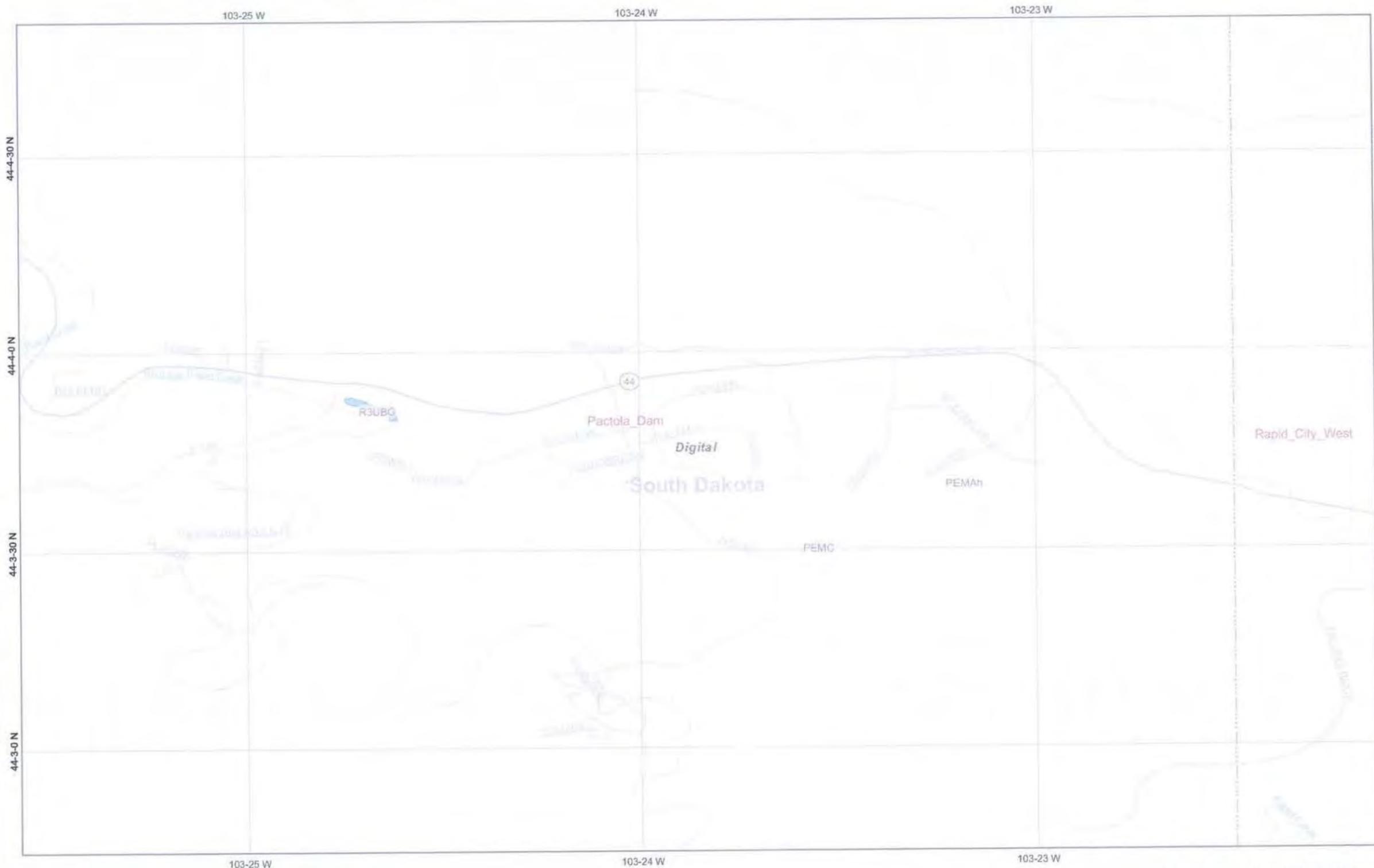
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6/2/05

4600641120C
6/2/05

Mount Rushmore
National Memorial

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Hisega Water System



Legend

Ohio_wet_scan

- 0
- 1
- Out of range

Interstate

Major Roads

Other Road

Interstate

State highway

US highway

Roads

Cities

USGS Quad Index 24K

Lower 48 Wetland Polygons

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data

- Non-Digital
- Digital
- No Data
- Scan

NHD Streams

Counties 100K

States 100K

South America

North America

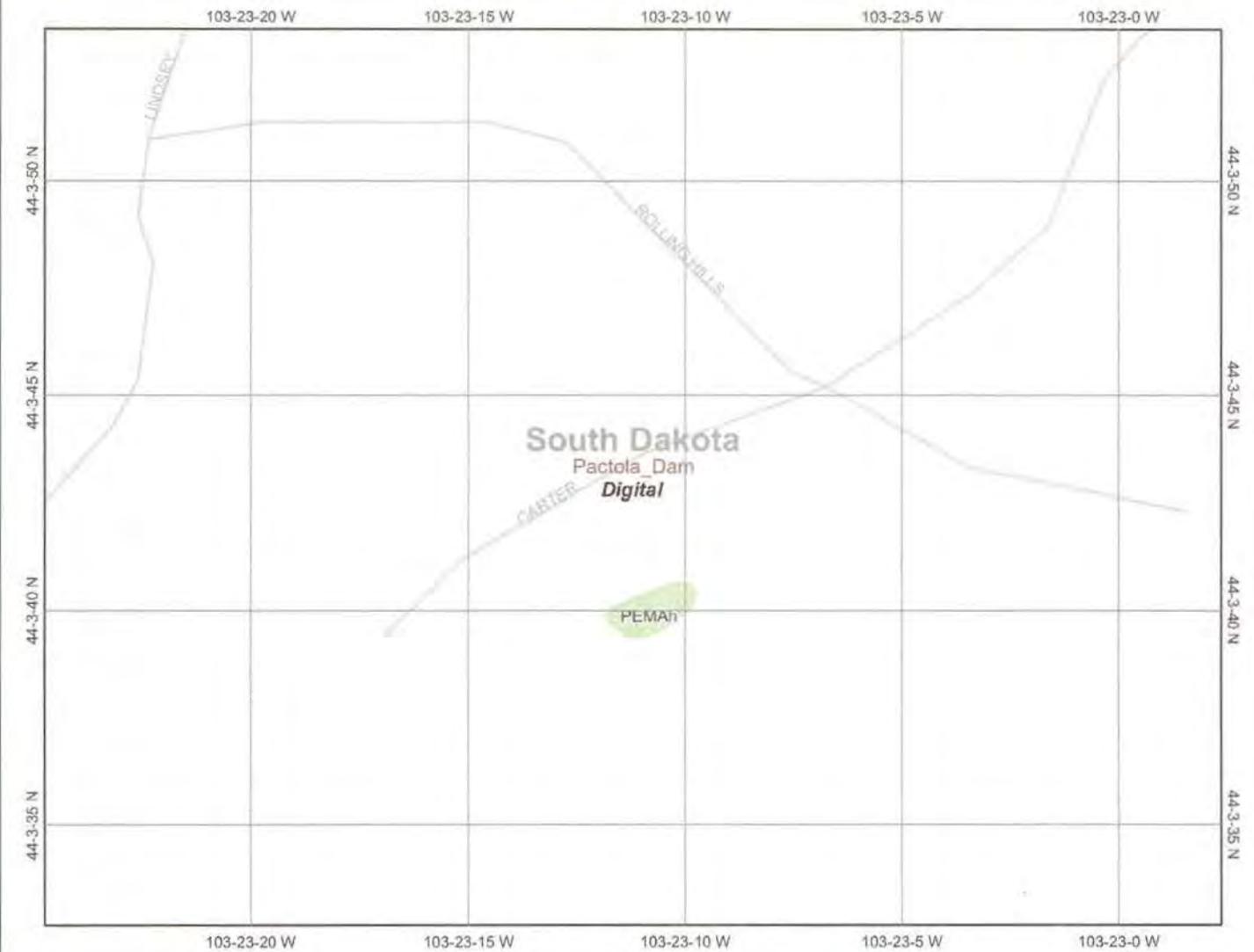


Scale: 1:18,856

Map center: 44° 3' 47" N, 103° 2' 51" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Hisega



Legend

Ohio_wet_scan

- 0
- 1
- Out of range

Roads

- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway

Cities

- Cities

USGS Quad Index 24K

Lower 48 Wetland Polygons

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data

- Non-Digital
- Digital
- No Data
- Scan

NHD Streams

- Counties 100K
- States 100K
- South America
- North America

Map center: 44° 3' 43.1" N, 103° 23' 11.1" W



Scale: 1:4,520

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Site 1

Hisega



Legend

Ohio_wet_scan

- 0
- 1
- Out of range
- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- States 100K
- South America
- North America



Scale: 1:5,796



Map center: 44° 3' 35.2" N, 103° 23' 34.6" W

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Notes: Site 2

Hisega



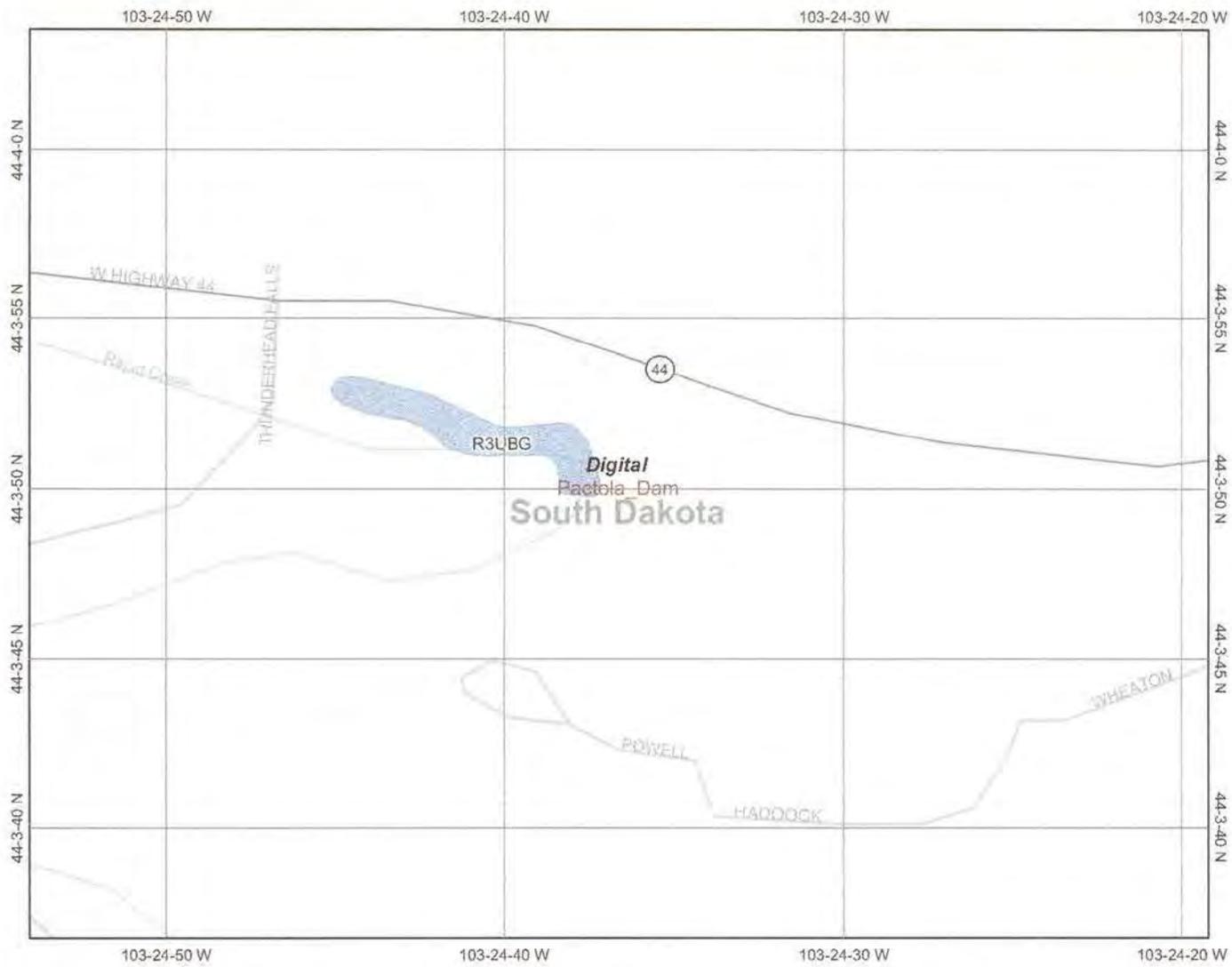
Legend

Ohio_wet_scan

- 0
- 1
- Out of range
- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
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- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- States 100K
- South America
- North America



Scale: 1:5,796

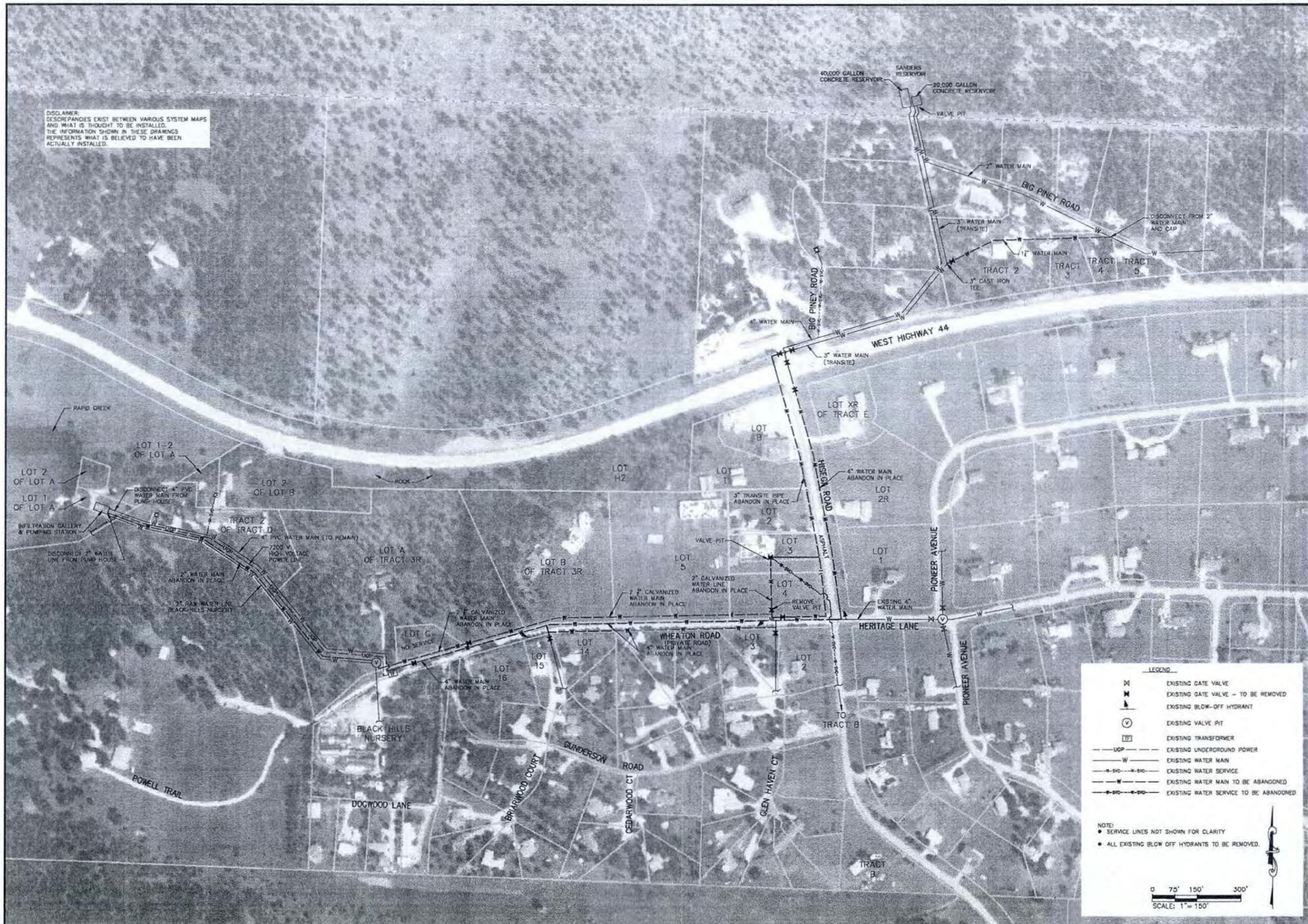


Map center: 44° 3' 50.1" N, 103° 24' 36.6" W

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Notes: Site 3

DISCLAIMER:
 DISCREPANCIES EXIST BETWEEN VARIOUS SYSTEM MAPS
 AND WHAT IS THOUGHT TO BE INSTALLED.
 THE INFORMATION SHOWN IN THESE DRAWINGS
 REPRESENTS WHAT IS BELIEVED TO HAVE BEEN
 ACTUALLY INSTALLED.



LEGEND

	EXISTING GATE VALVE
	EXISTING GATE VALVE - TO BE REMOVED
	EXISTING BLOW-OFF HYDRANT
	EXISTING VALVE PIT
	EXISTING TRANSFORMER
	EXISTING UNDERGROUND POWER
	EXISTING WATER MAIN
	EXISTING WATER SERVICE
	EXISTING WATER MAIN TO BE ABANDONED
	EXISTING WATER SERVICE TO BE ABANDONED

NOTE:
 • SERVICE LINES NOT SHOWN FOR CLARITY
 • ALL EXISTING BLOW OFF HYDRANTS TO BE REMOVED.



ADVANCED ENGINEERING & SURVEYING, INC.
 3421 WEST MAIN STREET
 RAPID CITY, SOUTH DAKOTA 57702
 PHONE: 605-788-8888 FAX: 605-788-8887
 EMAIL: aes@aes-engineering.com

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

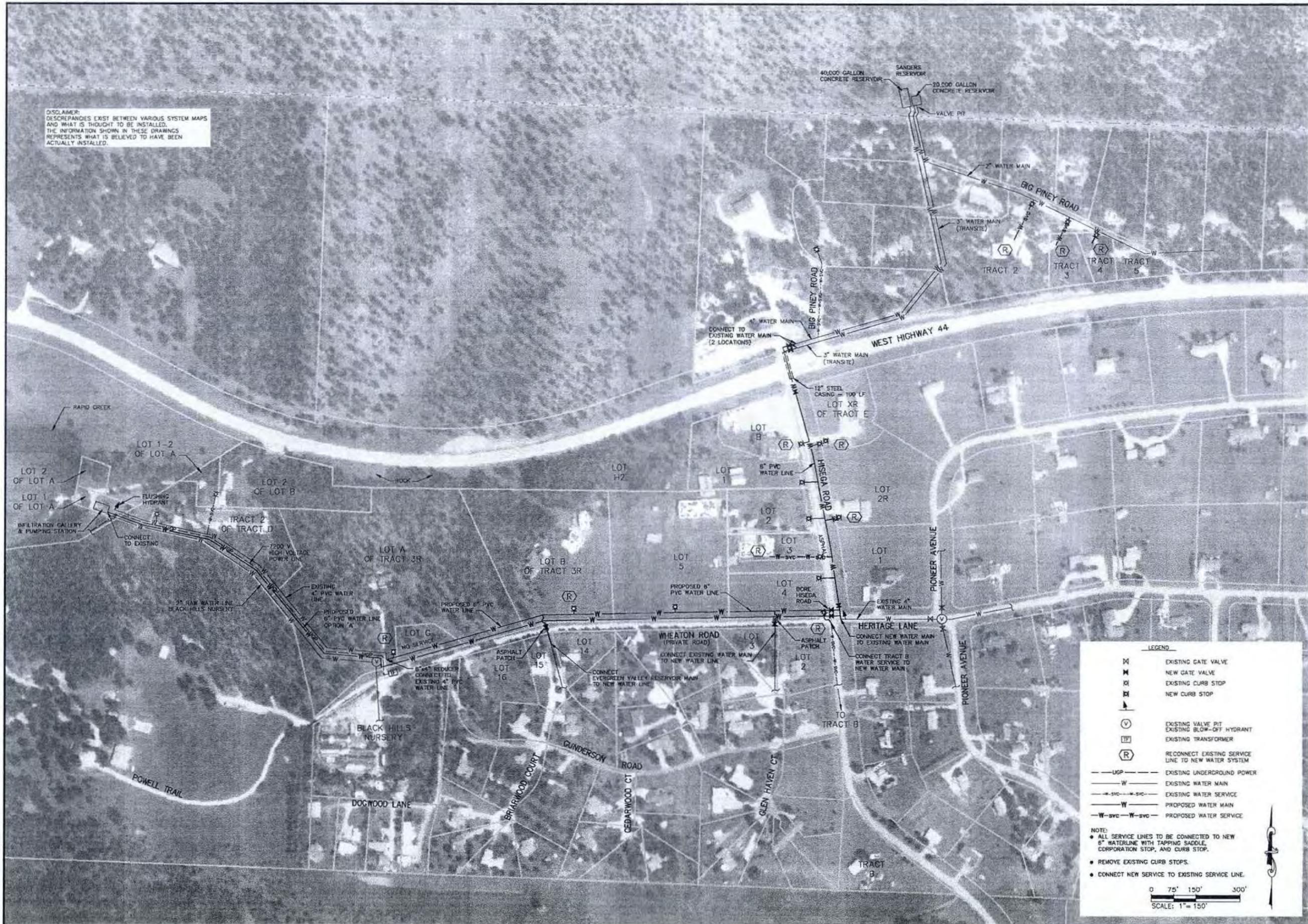
Designed By:	RB	Drawn By:	GH
Design Date:	1/17/12		
Job No:	AES-11-025		
Surveyed By:			
Revisions:			

**HISEGA MEADOWS WATER SYSTEM
 IMPROVEMENTS
 RAPID CITY, SOUTH DAKOTA**

Sheet Title:
**WATER SYSTEM
 DEMOLITION PLAN**
 Sheet:
1.1

11-025-11.DWG

DISCLAIMER:
 DISCREPANCIES EXIST BETWEEN VARIOUS SYSTEM MAPS
 AND WHAT IS THOUGHT TO BE INSTALLED.
 THE INFORMATION SHOWN IN THESE DRAWINGS
 REPRESENTS WHAT IS BELIEVED TO HAVE BEEN
 ACTUALLY INSTALLED.



**ADVANCED ENGINEERING
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**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

Designed By: RB
 Drawn By: GH
 Design Date: 1/17/12
 Job No: AES-11-025
 Surveyed By:
 Revisions:

**HISEGA MEADOWS WATER SYSTEM
 IMPROVEMENTS
 RAPID CITY, SOUTH DAKOTA**

-DWG

LEGEND

- EXISTING GATE VALVE
- NEW GATE VALVE
- EXISTING CURB STOP
- NEW CURB STOP
- EXISTING VALVE PIT
- EXISTING BLOW-OFF HYDRANT
- EXISTING TRANSFORMER
- RECONNECT EXISTING SERVICE LINE TO NEW WATER SYSTEM
- EXISTING UNDERGROUND POWER
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- PROPOSED WATER MAIN
- PROPOSED WATER SERVICE

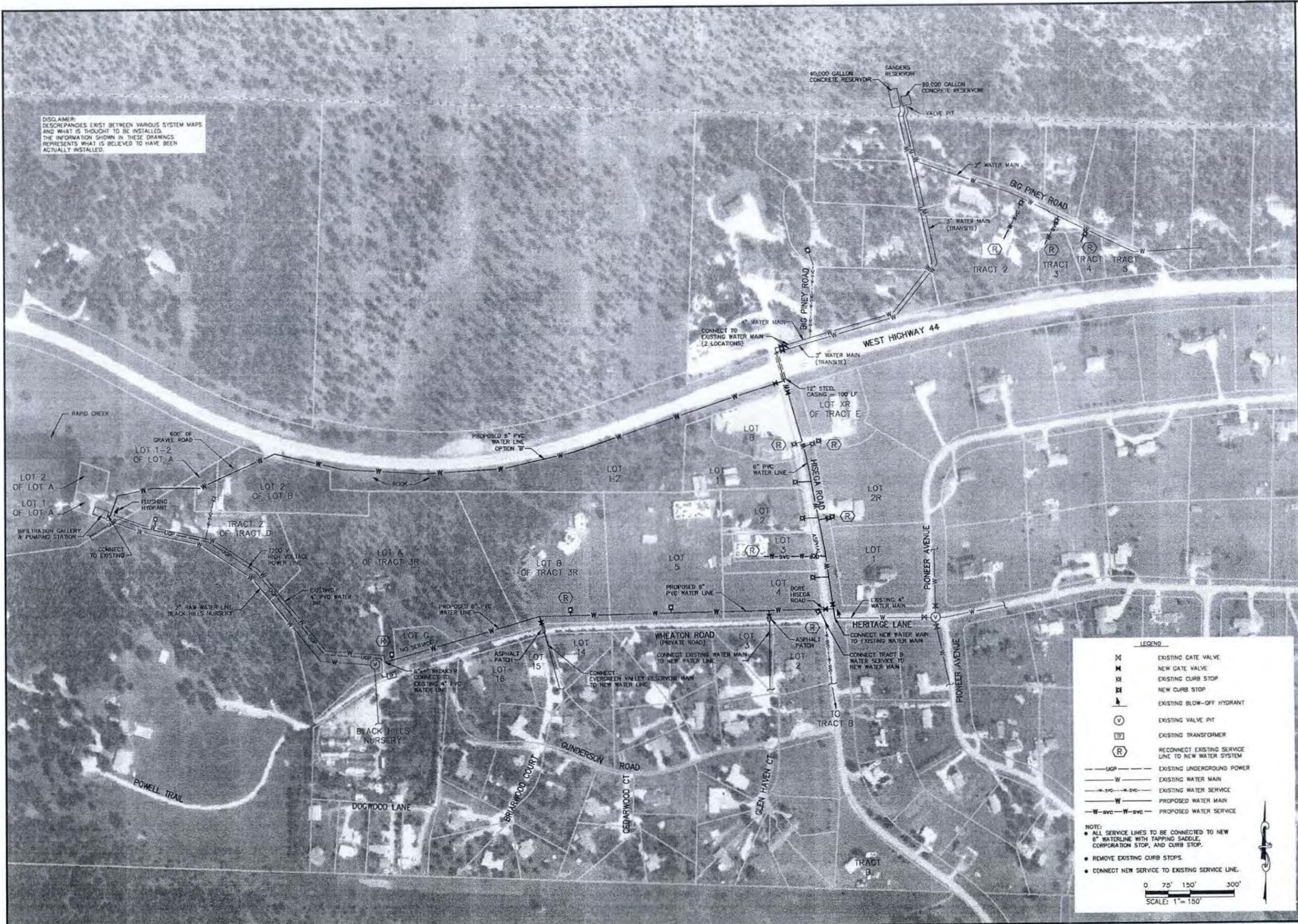
NOTE:

- ALL SERVICE LINES TO BE CONNECTED TO NEW 6" WATERLINE WITH TAPPING SADDLE, CORPORATION STOP, AND CURB STOP.
- REMOVE EXISTING CURB STOPS.
- CONNECT NEW SERVICE TO EXISTING SERVICE LINE.

0 75' 150' 300'
 SCALE: 1" = 150'

Sheet Title:
**WATER SYSTEM
 PROPOSED PLAN
 OPTION A**
 Sheet:
2.1A

DISCLAIMER:
 DISCREPANCIES EXIST BETWEEN VARIOUS SYSTEM MAPS
 AND WHAT IS THOUGHT TO BE INSTALLED.
 THE INFORMATION SHOWN IN THESE DRAWINGS
 REPRESENTS WHAT IS BELIEVED TO HAVE BEEN
 ACTUALLY INSTALLED.



ADVANCED ENGINEERING & SURVEYING, INC.
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**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

Designed By:	RB	Drawn By:	GH
Design Date:	1/17/12		
Job No.:	AES-11-025		
Surveyed By:			
Revisions:			

**HISEGA MEADOWS WATER SYSTEM
 IMPROVEMENTS
 RAPID CITY, SOUTH DAKOTA**

LEGEND

	EXISTING GATE VALVE
	NEW GATE VALVE
	EXISTING CURB STOP
	NEW CURB STOP
	EXISTING BLOW-OFF HYDRANT
	EXISTING VALVE PIT
	EXISTING TRANSFORMER
	RECONNECT EXISTING SERVICE LINE TO NEW WATER SYSTEM
	EXISTING UNDERGROUND POWER
	EXISTING WATER MAIN
	EXISTING WATER SERVICE
	PROPOSED WATER MAIN
	PROPOSED WATER SERVICE

NOTE:

- ALL SERVICE LINES TO BE CONNECTED TO NEW 6" WATERLINE WITH TAPPING SADDLE, CORPORATION STOP, AND CURB STOP.
- REMOVE EXISTING CURB STOPS.
- CONNECT NEW SERVICE TO EXISTING SERVICE LINE.

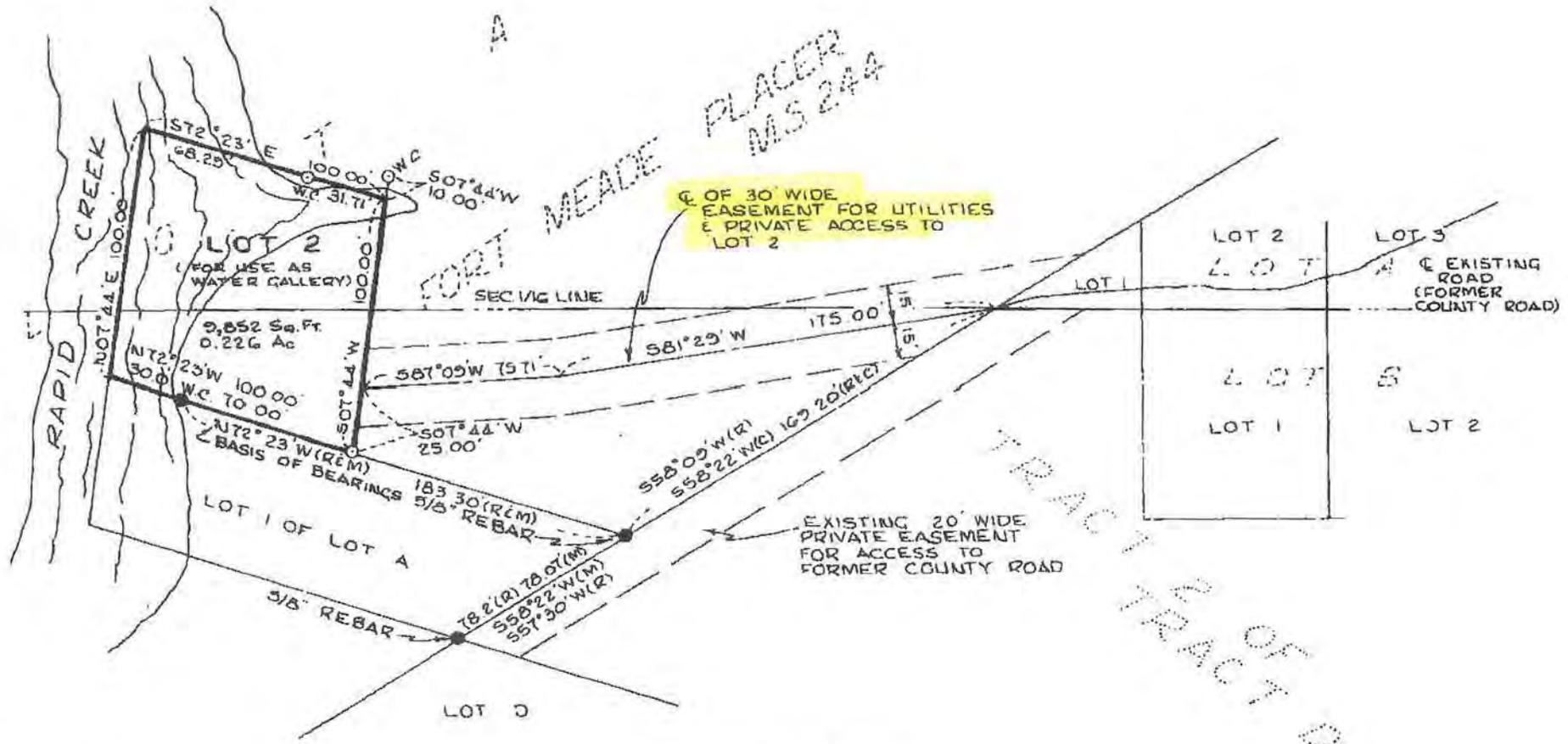
0 75' 150' 300'
 SCALE: 1" = 150'

C) Denotes "Calculated".
 (W) Denotes "Witness Corner"
 Basis of Bearings: As shown hereon.



SCALE 1" = 50'
 APRIL 13, 1981

ements for utilities and private access shown hereon are for the specific
 e adjacent property owners or their assigns within the boundaries of the
 herein being platted and shall remain private unless replatted and
 with adequate width requested by the Pennington County Commissioners.



STATE OF OWNERSHIP

Illinois
DuPage

S.S.

CERTIFICATE OF SURVEYOR

State of South Dakota
 County of Pennington S.S.

the undersigned, do hereby certify that Wheaton College, an
 Education Corporation, is the owner of the tract of land shown
 iced hereon, that we did authorize and do hereby approve the
 id within plat of said land for and on behalf of said Wheaton

I, James P. Heald, Registered Land Surveyor No. 2199 of the State
 of South Dakota, do hereby certify that being so authorized, the survey
 and within plat of the land shown and described hereon were made under
 my responsible direction and supervision and that to the best of my
 knowledge and belief the within plat is a representation of said survey.
 All area amounts shown on the within plat are to be considered as having
 the words "more or less" following.

witness whereof, we have hereunto set our hand and seal.

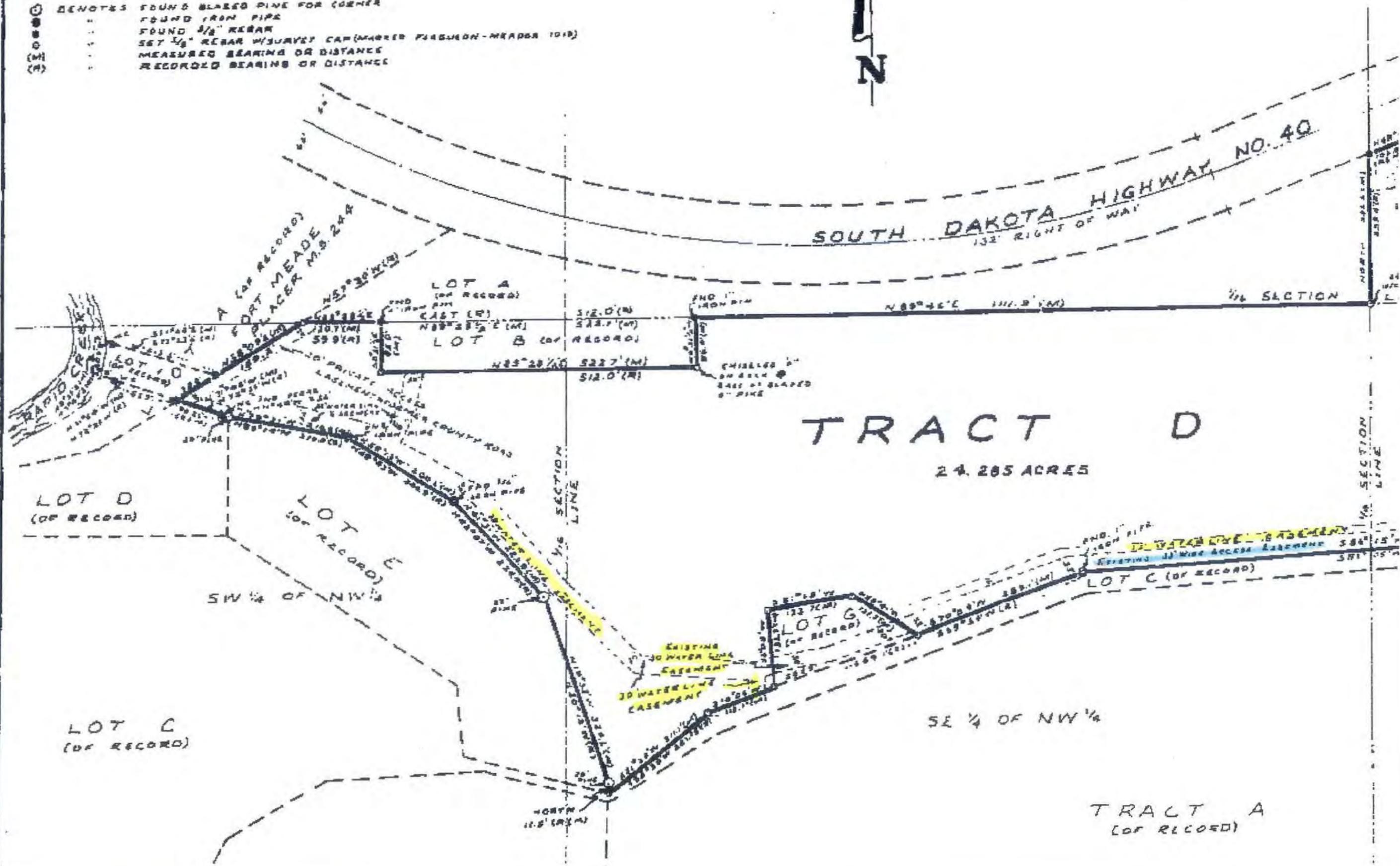
02-21

APRIL 1969

SCALE 1" = 200'

- DENOTES FOUND BLAZED PINE FOR CORNER
 - " " " " " " " "
 - " " " " " " " "
 - " " " " " " " "
 - (M) " " " " " " " "
 - (A) " " " " " " " "
- DENOTES FOUND BLAZED PINE FOR CORNER
 ● " " " " " " " "
 ○ " " " " " " " "
 ○ " " " " " " " "
 (M) " " " " " " " "
 (A) " " " " " " " "

N



HISEGA MEADOWS WATER SYSTEM
FUNDING SCENARIO

2/28/2012

	Project Cost	Local Cash	Combined Grants	SRF Loan	Rate %	Term (Yrs)	Projected Revenue	Projected O & M	Projected Short Lived Asset Reserves	Annual Debt Payment	Projected Debt Service Reserves	Total System Cost	Annual Cost Per Account (195 Users)	Monthly Cost Per Account
SD DENR														
0% Grant	\$ 487,500.00	25,000	0	462,500	3.0	20	215,892	183,018	7,000	31,087	3,109			
25% Grant	\$ 487,500.00	25,000	121,875	340,625	3.0	20	215,892	183,018	7,000	22,895	2,290	\$689	\$3.53	\$0.29
45% Grant	\$ 487,500.00	25,000	219,375	243,125	3.0	20	215,892	183,018	7,000	16,342	1,634	\$7,898	\$40.50	\$3.38
50% Grant	\$ 487,500.00	25,000	243,750	218,750	3.0	20	215,892	183,018	7,000	14,703	1,470	\$9,700	\$49.74	\$4.15
	Project Cost	Local Cash	Other Combined Grants	RD Loan	Rate %	Term (Yrs)	Projected Revenue	Projected O & M	Projected Short Lived Asset Reserves	Annual Debt Payment	Projected Debt Service Reserves	Total System Cost	Annual Cost Per Account (195 Users)	Monthly Cost Per Account
USDA RD														
0% Grant	\$ 487,500.00	25,000	0	462,500	3.75	40	215,892	183,018	7,000	22,505	2,250	\$1,119	\$5.74	\$0.48
25% Grant	\$ 487,500.00	25,000	121,875	340,625	3.75	40	215,892	183,018	7,000	16,575	1,657	\$7,642	\$39.19	\$3.27
45% Grant	\$ 487,500.00	25,000	219,375	243,125	3.75	40	215,892	183,018	7,000	11,830	1,183	\$12,861	\$65.95	\$5.50
USDA RD sets 45% of the project cost as the maximum grant allowed.														
1. Grant money contingent upon available grant money and approval by agency.														
USDA RD = United States Department of Agriculture - Rural Development														

HISEGA MEADOWS WATER SYSTEM
FUNDING SCENARIO

2/28/2012

	Project Cost	Local Cash	Combined Grants	SRF Loan	Rate %	Term (Yrs)	Projected Revenue	Projected O & M	Projected Short Lived Asset Reserves	Annual Debt Payment	Projected Debt Service Reserves	Total System Cost	Annual Cost Per Account (195 Users)	Monthly Cost Per Account
SD DENR														
0% Grant	\$ 487,500.00	0	0	487,500	3.0	20	215,892	183,018	7,000	32,768	3,277	\$6,050	\$31.02	\$2.59
25% Grant	\$ 487,500.00	0	121,875	365,625	3.0	20	215,892	183,018	7,000	24,576	2,458	\$6,304	\$32.33	\$2.69
45% Grant	\$ 487,500.00	0	219,375	268,125	3.0	20	215,892	183,018	7,000	18,022	1,802	\$6,050	\$31.02	\$2.59
50% Grant	\$ 487,500.00	0	243,750	243,750	3.0	20	215,892	183,018	7,000	16,384	1,638	\$7,852	\$40.27	\$3.36
	Project Cost	Local Cash	Other Combined Grants	RD Loan	Rate %	Term (Yrs)	Projected Revenue	Projected O & M	Projected Short Lived Asset Reserves	Annual Debt Payment	Projected Debt Service Reserves	Total System Cost	Annual Cost Per Account (195 Users)	Monthly Cost Per Account
USDA RD														
0% Grant	\$ 487,500.00	0	0	487,500	3.75	40	215,892	183,018	7,000	23,721	2,372	\$6,304	\$32.33	\$2.69
25% Grant	\$ 487,500.00	0	121,875	365,625	3.75	40	215,892	183,018	7,000	17,791	1,779	\$6,304	\$32.33	\$2.69
45% Grant	\$ 487,500.00	0	219,375	268,125	3.75	40	215,892	183,018	7,000	13,047	1,305	\$11,523	\$59.09	\$4.92
USDA RD sets 45% of the project cost as the maximum grant allowed.														
1. Grant money contingent upon available grant money and approval by agency.														
USDA RD = United States Department of Agriculture - Rural Development														

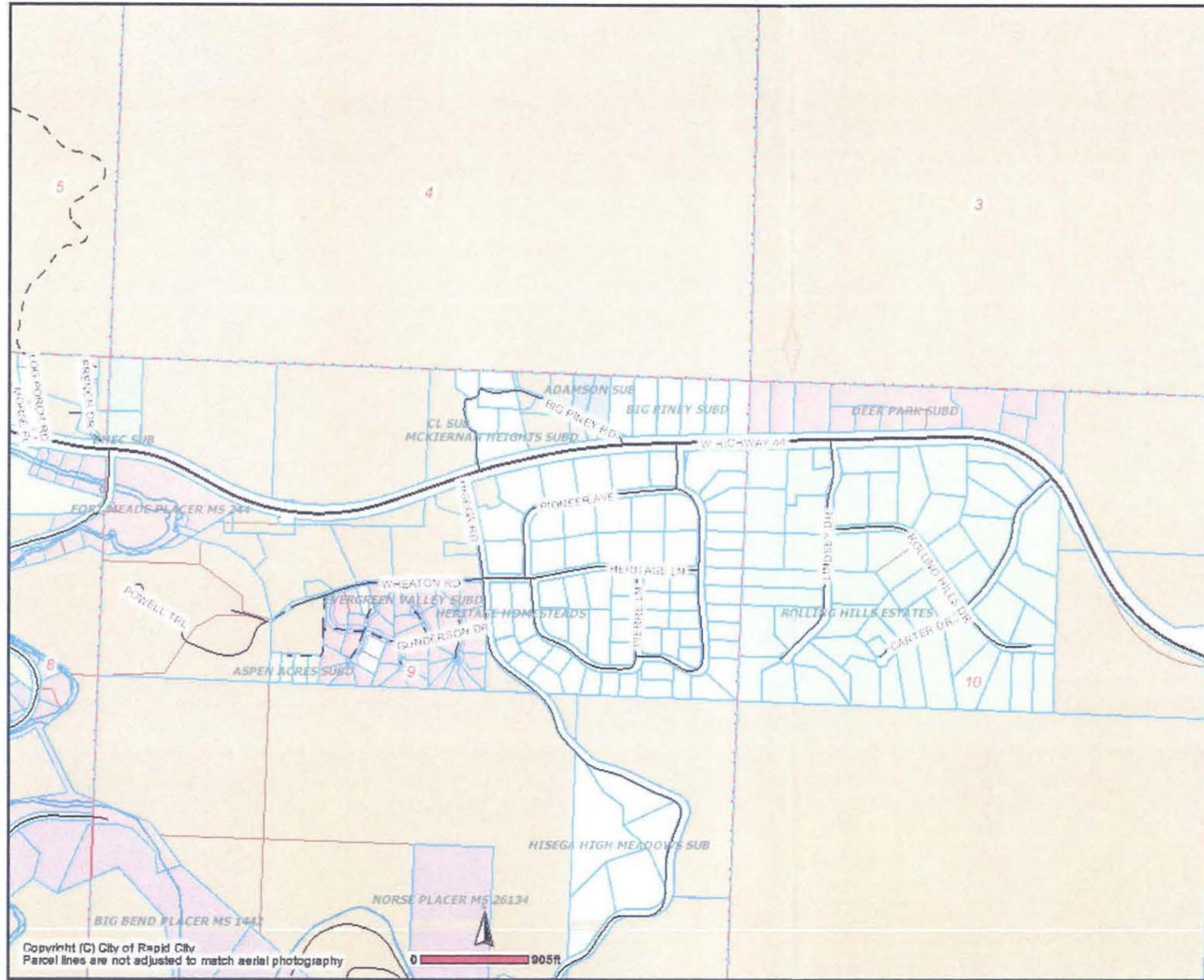


VICINITY MAP

Designed By: RAB		ADVANCED ENGINEERING & SURVEYING, INC. 3421 WEST MAIN STREET RAPID CITY, SOUTH DAKOTA 57702 PHONE: 605-718-8825 FAX: 605-718-8837 EMAIL: advancedeng@mlsinc.com
Drawn By: ALR		
Design Date: 04/14/09		
Job No: 07-012		
File Name: 07012MAP(D1.dwg)		
		Figure: 1

Pennington County - Rapid City GIS

[PrintClose](#)

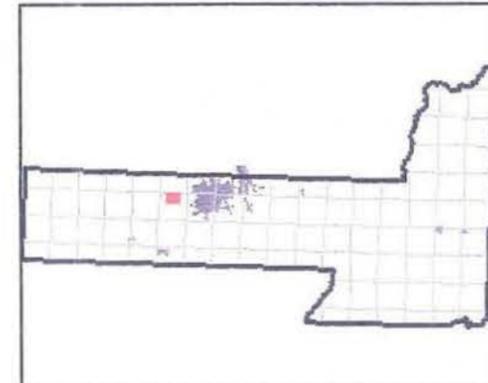


Roads

- Not classified
- Interstate
- US Highway
- SD Highway
- County Highway
- Main Road
- Minor Arterial
- Collector
- Ramp
- Paved Road
- Unpaved Road
- Unimproved Road
- Trail
- other
- Not yet coded

Township/Section lines

- SECTION
- TOWNSHIP
- Parcel Boundary
- Lot Lines
- COUNTY
- LOT LINE



DISCLAIMER: This GIS data is provided 'as is' without warranty or any representation of accuracy, timeliness or completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. Rapid City and Pennington County make no warranties, express or implied, as to the use of the data. The implied warranties of merchantability or fitness for a particular purpose are specifically disclaimed. The requester acknowledges and accepts the limitations of the data, including the fact that the data is dynamic and is in a constant state of maintenance, correction and updates. This document does not represent a legal survey of the land. There are no restrictions on distribution of printed Rapid City/Pennington County maps, other than the City of Rapid City copyright/credit notice be legible on the print. The User agrees to recognize and honor in perpetuity the copyrights and other proprietary claims for the GIS Product File(s) established or produced by the City of Rapid City or the vendors furnishing said items to the City of Rapid City.

Copyright (C) City of Rapid City
Parcel lines are not adjusted to match aerial photography

0 905ft

Figure 2
Subdivision Map

Hisega Meadows Water, Inc.
Balance Sheet As Of 12/31/2011

Cash - Checking	\$ 162,501.54
Accounts Receivable - Water Usage	984.00
Accounts Receivable - Membership Dues	25,954.00
Investment in C&J Sanders Inc. (own 100% of outstanding stock)	<u>1,043,000.00</u>
Total Assets	\$ <u>1,232,439.54</u>
Long-Term Debt - USDA	1,038,018.68
Member Equity - Accrual Basis Adjustment	26,938.00
Member Equity - Cash Basis	<u>167,482.86</u>
Total Liabilities and Members Equity	\$ <u>1,232,439.54</u>

UNITED STATES DEPARTMENT OF AGRICULTURE
STATEMENT OF BUDGET, INCOME AND EQUITY

Schedule 1

Name
HISEGA MEADOWS WATER INC.

Address 23029 HISEGA RD.
RAPID CITY, S.D. 57702

(1) OPERATING INCOME	PRIOR YEAR Actual (2)	ANNUAL BUDGET		For the 09-01-2011 Months Ended 12-31-2011		
		BEG 07-01-2011	END 06-30-2012 (3)	CURRENT YEAR		Actual YTD (Over) Under Budget Col. 3 - 5 = 6 (6)
		Actual Data		Current Quarter (4)	Year To Date (5)	
1. WATER FEES		200,640	52,200	107,946	92,694	
2. LATE FEES			400	820	-820	
3.					0	
4.					0	
5. Miscellaneous					0	
6. Less: Allowances and Deductions					0	
7. Total Operating Income (Add lines 1 through 6)	0	200,640	52,600	108,766	91,874	
OPERATING EXPENSES						
8. PERSONNEL		52,000	13,511	22,825	29,175	
9. UTILITIES			1,507	3,102	-3,102	
10. REPAIRS			9,598	9,927	-9,927	
11. OPERATING SUPPLIES		24,000	2,575	5,037	18,963	
12. MISCELLANEOUS		1,000	386	964	36	
13. ADMINISTRATIVE		1,200	2,964	5,380	-4,180	
14. PROFESSIONAL			1,942	22,092	-22,092	
15. Interest		48,000	11,132	22,022	25,978	
16. Depreciation		12,000			12,000	
17. Total Operating Expense (Add Lines 8 through 16)	0	138,200	43,615	91,349	46,851	
18. NET OPERATING INCOME (LOSS) (Line 7 less 17)	0	62,440	8,985	17,417	45,023	
NONOPERATING INCOME						
19.					0	
20.					0	
21. Total Nonoperating Income (Add 19 and 20)	0	0	0	0	0	
22. NET INCOME (LOSS) (Add lines 18 and 21)	0	62,440	8,985	17,417	45,023	
23. Equity Beginning of Period			131,014	190,699	-190,699	
24. MEMBERSHIP FEES			24,951	87,056	-87,056	
25.					0	
26. Equity End of Period (Add lines 22 through 25)	0	62,440	164,950	295,172	-232,732	

Budget and Annual Report Approved by Governing Body

Quarterly Reports Certified Correct

Secretary

Date

Appropriate Official

Date

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015. The time required to complete this information collection is estimated to average 2-1/2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

SUPPLEMENTAL DATA

The Following Data Should Be Supplied Where Applicable

Circle One

1. ALL BORROWERS

a. Are deposited funds in institutions insured by the Federal Government?

Yes No

b. Are you exempt from Federal Income Tax?

Yes No

c. Are Local, State and Federal Taxes paid current?

Yes No

d. Is corporate status in good standing with State?

Yes No

e. List kinds and amounts of insurance and fidelity bond: Complete Only when submitting annual budget information:

Insurance Coverage and Policy Number	Insurance Company and Address	Amount of Coverage	Expiration Date of Policy
Property Insurance Policy # 60404605	UNITED FIRE & CASUALTY CO.	500,000	06-27-2012
Liability Policy # 283020	: " " " "	1,000,000	06-27-2012
Fidelity Policy # 60404605	" " " " "	50,000	06-27-2012

2. RECREATION AND GRAZING ASSOCIATION BORROWERS ONLY

Current Quarter

Year to Date

a. Number of Members

3. WATER AND/OR SEWER UTILITY BORROWERS ONLY

a. Water purchased or produced (CU FT - GAL)

3,005,050 gal. 7,002,250 gal.

b. Water sold (CU FT - GAL)

2,042,280 gal. 4,858,600 gal.

c. Treated waste (CU FT - GAL)

gal. gal.

d. Number of users - water

e. Number of users - sewer

4. OTHER UTILITIES

a. Number of users

b. Product purchased

c. Product sold

5. HEALTH CARE BORROWERS ONLY

a. Number of beds

b. Patient days of care

c. Percentage of occupancy

-2147483648 % -2147483648 %

d. Number of outpatient visits

6. DISTRIBUTION OF ALL CASH AND INVESTMENTS*

Indicate balances in the following accounts:

	Construction	Revenue	Debt Service	Operation & Maintenance	Reserve	All Others	Grand Total
Cash	\$ _____	\$ 108,177	\$ _____	\$ _____	\$ 54,324	\$ _____	\$ 162,501
Savings and Investments	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Total	\$ 0	\$ 108,177	\$ 0	\$ 0	\$ 54,324	\$ 0	\$ 162,501

7. AGE ACCOUNTS RECEIVABLE AS FOLLOWS:

	Days				*Total
	0-30	31-60	61-90	91 and Older	
Dollar Values	\$ _____	\$ _____	\$ _____	\$ _____	\$ 0
Number of Accounts	_____	_____	_____	_____	0

*Totals must agree with those on Balance Sheet.

PROJECTED CASH FLOW

For the Year BEG. _____ END. _____
(same as schedule 1 column 3)

A. Line 22 from Schedule 1, Column 3 NET INCOME (LOSS) \$ 62,440

Add

B. Items in Operations not Requiring Cash:

1. Depreciation (line 16 schedule 1) 12,000
 2. Others: _____

C. Cash Provided From:

1. Proceeds from Agency loan/grant
 2. Proceeds from others
 3. Increase (Decrease) in Accounts Payable, Accruals and other Current Liabilities
 4. Decrease (Increase) in Accounts Receivable, Inventories and
 Other Current Assets (Exclude cash)
 5. Other: _____
 6. _____

D. Total all A, B and C Items \$74,440

E. Less: Cash Extended for:

1. All Construction, Equipment and New Capital Items (loan & grant funds)
 2. Replacement and Additions to Existing Property, Plant and Equipment
 3. Principal Payment Agency Loan \$2,449
 4. Principal Payment Other Loans
 5. Other: _____
 6. Total E 1 through 5 \$2,449

Add

F. Beginning Cash Balances

G. Ending Cash Balances (Total of D Minus E 6 Plus F) \$ 71,991

Item G Cash Balances Composed of:

Construction Account \$
 Revenue Account
 Debt Payment Account
 O&M Account
 Reserve Account
 Funded Depreciation Account
 Others: _____

Total - Agrees with Item G \$

copy

**BY-LAWS
OF
HISEGA MEADOWS WATER, INC.
A Non-Profit Corporation**

ARTICLE I.

General Purposes

The purposes for which the Corporation is formed and the powers which it may exercise are set forth in the Articles of Incorporation of the Corporation.

This Corporation shall be known as Hisega Meadows Water, Inc., incorporated under the laws of the State of South Dakota.

ARTICLE II.

Name and Location

Section 1. The name of the Corporation is Hisega Meadows Water, Inc.

Section 2. The principal office and place of business of the Corporations shall be located at the P.O. Box 9486 Rapid City, South Dakota, 57709, but the Corporation may maintain offices and places of business at other places within or without the State as the Board of Directors may determine from time to time.

ARTICLE III.

Seal of the Corporation

Section 1. The Corporation shall not have a Corporate Seal Unless required by applicable law or adopted by the Board.

ARTICLE IV.

Fiscal Year

The fiscal year of the Corporation shall commence on January 1st and end on

December 31st of each year.

ARTICLE V.

Governing Body

This Corporation shall be governed by a Board of Directors consisting of five (5) Directors to be elected by the members of the Corporation from time to time in such manner as is hereinafter provided. Such Board shall meet immediately after the adjournment of the Annual Membership Meeting or as soon thereafter as is practical, not later than the next regularly scheduled Board Meeting, and shall organize by electing a President, Vice-President, Secretary, and Treasurer from their own number.

ARTICLE VI.

Membership Qualifications

Section 1. Membership in the Corporation shall consist of those persons, firms, associations or bodies politic owning land situated within the area to be served by the water system of the Corporation and reasonably accessible thereto, who have made application for membership in the Corporation, and who have agreed to pay such fees as shall be required by the Corporation, from time to time, and enter into such agreements with the Corporation for the purchase of water as are required by the Corporation from time to time.

Section 2. A person, firm, association, corporation or body politic shall become a member of HISEGA MEADOWS WATER, INC., by completing the following requirements:

- a. Making a written application for membership and/or service and having such application accepted by the Corporation.
- b. Agreeing to purchase water from the Corporation.
- c. Agreeing to comply with and be bound by Articles of Incorporation and By-Laws of the Corporation and any rules and regulations adopted by the Board

of Directors, and

- d. Paying such hook-up, connection or other fees as shall be established by the Board of Directors from time to time; provided, however, that no person, firm, association or corporation shall become a member unless and until he/she or it has been accepted for membership by the Board of Directors. No member may hold more than one (1) membership in the Corporation; and no membership in the Corporations shall be transferable except as provided in these By-Laws.

ARTICLE VII.

Membership

Section 1. Membership in the Corporation shall be evidenced by enrolling the name of the member on the membership list maintained by the Corporation at the Corporation headquarters.

Section 2. Transfers of membership shall be made only upon the books of the Corporation, only to persons eligible to become members and only with the approval of the Board of Directors and only when the member transferring is free from indebtedness to the Corporation.

Section 3. No member of the Corporation shall be entitled to more than one (1) vote on each issue to be voted on at meetings of the members. Every member, upon becoming a member of the Corporation, agrees to sign such Agreement for the purchase of water from the Corporation as may, from time to time, be provided and required by the Corporation, and shall pay therefore such rates as shall from time to time be fixed by the Board of Directors; provided, however, that the Board of Directors may limit the amount of water which the Corporation shall be required to furnish any one member. Each member shall pay the Corporation such minimum amount per month, regardless of the amount of water consumed, as shall be fixed by the Board of Directors from time to time. Each member shall also pay all amounts owed by him/her to the Corporation as and when the same shall become due and payable.

Section 4. If a member ceases to be eligible to hold membership as provided herein,

or willfully fails to comply with these By-Laws and other requirements; or willfully obstructs the purposes and proper activities of the Corporation, the Corporation, through the Board of Directors, may elect to terminate his/her membership. Any member, whose membership is so terminated for a cause other than that of ceasing to be eligible, may appeal from the decision of the Board of Directors to a vote of the members at the next regular meeting of the members or a special meeting of the members called for such purpose. Membership fees are non-refundable.

Section 5. A membership held in the name of a husband or a wife shall entitle either to exercise the nominating and voting privilege of said membership, but not both. Said membership would also qualify either the husband or the wife as a member for the purpose of running for the office of Director, but not both. When a partnership, corporation, or association holds a membership, a duly acknowledged voting delegate of said partnership, corporation, or association may exercise the voting privilege.

ARTICLE VIII.

Meetings of Members

Section 1. Annual Meeting The Annual Meeting of the members of this Corporation shall be held in the month of April of each year on a date designated by the Board of Directors. The date, time and place shall be designated in the Notice of the Meeting. It shall be the responsibility of the Board of Directors to make adequate plans and preparations for the Annual Meeting. Failure to hold the Annual Meeting at the designated time shall not work a forfeiture or dissolution of the Corporation.

Section 2. Special Meetings Special Meetings of the members may be called by resolution of the Board of Directors or upon a written request signed by any three (3) Directors, by the President, or by twenty (20) percent or more of all of the members and it shall thereupon be the duty of the Secretary to cause Notice of such meeting to be given as hereinafter provided. Special Meetings of the members must be held within sixty (60) days from the date of receipt of special request therefore and shall be held at such time and at such place as shall be determined by the Board of Directors.

Section 3. Notice Notice of meetings of members of the Corporation shall be given by Notice mailed to each member of record directed to the address shown upon the books of the Corporation at least ten (10) days prior to the meeting. Such Notice shall state the nature, time, place and purpose of the meeting, but no failure or irregularity of Notice of any annual meeting, regularly held, shall affect any proceedings taken thereat.

Section 4. Quorum Ten (10) percent of the membership votes, eligible to be cast, shall constitute a quorum for the transaction of business at any meeting. Quorums can be established by proxy. Unless such quorum is present, no business shall be transacted. If, however, such quorum shall not be present at any regular or special meeting, the members present shall have power to adjourn the meeting without notice, other than announcement at the meeting, until a quorum is present. Once a quorum is established, any business may be transacted which might have been transacted at the meeting as originally called.

Section 5. Vote Each member shall be entitled to one (1) vote on each issue to be voted on. All questions shall be decided by a vote of a majority of the members voting thereon in person, except as otherwise provided by law, the Articles of Incorporation or these By-Laws. Voting by proxy shall be allowed.

ARTICLE IX.

Directors

Section 1. General Powers The business and affairs of the Corporation shall be managed by a Board of five (5) Directors who shall exercise all of the powers of the Corporation except such as are by law, the Articles of Incorporation or these By-Laws conferred upon or reserved to the members.

Section 2. Election and Tenure of Office The Directors shall be elected for a term of three (3) years, provided, however, that the initial terms of Directors are staggered so that two (2) Director terms shall expire in three (3) years; two (2) Director terms shall expire in two (2) years; and one (1) Director terms will expire in one (1) year. Each Director shall hold office for the term for which elected and until a successor shall have been elected and qualified.

Section 3. Nomination and Election of Directors Directors shall be nominated and

elected at the Annual Meeting. Whenever a vacancy in a Director position shall exist, nominations may be made from the floor at the Annual Meeting for candidates to fill the Director term. Any member or his/her spouse may nominate one (1) candidate for each Director position to be filled. Nominations shall remain open until no further nominations are received. In the event there are no more Director nominees than there are vacancies, the Director candidates may be elected by voice vote. In the event there are more Director nominees than there are vacancies, following the closing of nominations, members shall vote by secret written ballot for as many Directors as there are Director positions open. The Director candidates receiving the most number of votes shall be declared to be the elected Directors of the Corporation.

Section 4. Vacancies If the office of Director or officers shall become vacant for any cause, the remaining Directors may choose a successor, who shall serve to the next Regular or Special Meeting of the members when the vacancy shall be filled.

Section 5. Director Qualifications To qualify to serve as a Director of this Corporation, a person must meet the following requirements, to-wit:

- a. Must be a member of the Corporation.
- b. Must have a permanent residence in the service territory of the Corporation.
- c. Must not be financially involved in any competing enterprise.

ARTICLE X.

Meetings of Directors

Section 1. Annual Meeting The Annual Meeting of the Board of Directors may be held without notice immediately after and at the same place as the Annual Meeting of the members or as designated by the Board. Regular Meeting of the Board of Directors shall be held at least quarterly at such time and place as the Board of Directors may provide by resolution. Such regular meetings may be held without Notice, other than such resolution fixing the time and place thereof.

Section 2. Special Meetings Special Meetings of the Board of Directors may be called by the President or by any three (3) Directors and it shall thereupon be the duty of the Secretary to cause Notice of such meeting to be given as hereinafter provided. The President or the Directors calling the meeting shall fix the time and place for the holding of the meeting.

Section 3. Notice Written notice of time, place and purpose of any Special Meeting of the Board of Directors shall be delivered to each Director not less than five (5) days previous thereto, either personally, by mail, by phone, electronically, or at the direction of the Secretary or upon a default in duty by the Secretary, by the President or the Directors calling the meeting. If mailed, such Notice shall be deemed to be delivered when deposited in the United States Mail addressed to the Director, at his address, as it appears on the records of the Corporation, with postage thereon fully prepaid. A written waiver signed by the Director or Directors desiring to waive same, as provided herein, may waive written notice.

Section 4. Quorum Three (3) members of the Board shall constitute a quorum for conducting business, provided, however, that if less than three (3) of the Directors are present at such meeting, a majority of the Directors present may adjourn the meeting from time to time, and provided, further, that the Secretary shall notify any absent Directors of the time and place of such adjourned meeting. The act of the majority of the Directors present at a meeting, which a quorum is present, shall be the act of the Board of Directors.

ARTICLE XI.

Officers

Section 1. The officers of the Corporation shall be the President, Vice-President, Secretary, Treasurer and such other officers as may be determined by the Board of Directors from time to time. The offices of Secretary and Treasurer may be held by the same person.

Section 2. The officers shall be elected by ballot annually by and from the Board of Directors at the meeting of the Board of Directors held immediately after the Annual Meeting of the members or as soon it may be conveniently held. Each officer shall hold office until the first meeting of the Board of Directors following the next succeeding Annual Meeting of the members or until his successor shall have been elected and shall have qualified. The Board of Directors for the remaining portion of the term shall fill a vacancy in any office.

Section 3. Any officer or agent elected or appointed by the Board of Directors may be removed by the Board of Directors whenever, in its judgment, the best interests of the Corporation will be served.

ARTICLE XII.

Duties of Officers

Section 1. President The President shall:

- a. Be the principal executive officer of the Corporation and, unless otherwise determined by the members or the Board of Directors, shall preside at all meetings of the members and the Board of Directors.
- b. Sign, with the Secretary, any deeds, mortgages, deeds of trust, notes, bonds, contracts, or other instruments authorized by the Board of Directors to be executed, except in cases in which the signing and execution thereof shall be expressly delegated by the Board of Directors or by these By-Laws to some other officer or agent of the Corporation, or shall be required by law to be

otherwise signed or executed.

- c. In general, perform all duties incident to the office of President and such other duties as may be prescribed by the Board of Directors from time to time.

Section 2. Vice-President In the absence of the President, or in the event of his inability or refusal to act, the Vice-President shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all of the restrictions upon the President. The Vice-President shall also perform such other duties as, from time to time, may be assigned to him by the Board of Directors.

Section 3. Secretary The Secretary shall be responsible for:

- a. Keeping the Minutes of the Board of Directors in one (1) or more books provided for that purpose.
- b. Arranging all notices are made in accordance with the By-Laws or as required by law.
- c. The safekeeping of the Corporate records in accordance with the provisions of these By-Laws.
- d. Arranging for a complete copy of the Articles of Incorporation and By-Laws of the Corporation containing all amendments thereto to be maintained at the Corporation's principal Office.
- e. Signing with the President, legal documents authorized by the Board of Directors, unless the signing of such documents has been delegated to other officers, agents or employed personnel.
- f. Keeping a register of the names, telephone numbers and addresses of all members to be kept up to date.
- g. Insuring annual reports are filed with the Secretary of State and other reporting agencies.
- h. Performing such other duties as are assigned to him/her, by the Board of Directors.

Section 4. Treasurer The Treasurer shall be responsible for:

- a. Custody of all funds and securities of the Corporation.
- b. The receipt of and issuance of receipts for all monies due and payable to the Corporation, and the deposit of all such monies in the name of the Corporation in such bank, or banks as are selected by the Board of Directors.
- c. Reviewing the Corporation's financial and accounting records and making any necessary recommendations to the Board of Directors.
- d. Insuring required tax and financial reports are filed with appropriate reporting agencies.
- e. The Board of Directors assigns the general performance of all duties incident to the office of Treasurer and such other duties as to him.

Section 5. The Treasurer and any other officer or agent of the Corporation charged with the responsibility for the custody of any of its funds or property shall give bond in such sum with such surety as the Board of Directors shall determine. The Board of Directors, in its discretion, may require any other officer, agent or employee of the Corporation to give bond in such amount and with such surety, as it shall determine. The expense of such bond shall be a legal obligation of the Corporation. Appropriate insurance may be substituted for bonds.

ARTICLE XIII.

Board of Directors – Duties

Section 1. The Board of Directors, subject to the restrictions of the law, the Articles of Incorporation, and the By-Laws, shall exercise all of the power of the Corporation; and, without prejudice to or limitation upon their general powers, it is hereby expressly provided that the Board of Directors shall have, and are given, full power and authority to perform the duties and functions hereinafter set forth, to-wit:

- a. To select and appoint all officers, agents or employees of the Corporation or remove such agents or employees of the Corporation for just cause, prescribe

such duties and designate such powers as may be consistent with these By-Laws, fix their compensation and pay for faithful services. Compensation of officers and directors may be discussed at any regular or special meeting by the members of the Corporation and shall be voted on by a mail ballot in accordance with Article VIII, Section 5. Board members may be reimbursed for Corporation business expenses, not to exceed \$50 without prior Board approval.

- b. To borrow from any source, money, goods or services and to make and issue notes and other negotiable and transferable instruments, mortgages, deeds of trust and trust agreements and to do every act and thing necessary to effectuate the same.
- c. To prescribe, adopt and amend, uniform rules, regulations, policies, directives, fees and rates or other matters as they, in their discretion, may deem essential or convenient for the conduct of the business and affairs of the Corporation and the guidance and control of its officers and employees, and to prescribe adequate penalties for the breach thereof.
- d. To require all officers, agents and employees charged with responsibility for the custody of any funds or property of the Corporation give bond in such sum and security as determined by the Board of Directors. The Corporation shall pay the cost of such bond. Appropriate insurance may be substituted for bonds.
- e. To select one (1) or more banks to act as depositories of the funds of the Corporation and to determine the manner of receiving, depositing and disbursing the funds of the Corporation and the form of checks and the person or persons signing such checks and the form thereof at will.

ARTICLE XIV.

Contracts, Loans and Deposits

Section 1. Contracts. The board of Directors may authorize any officer(s) or agents

(s), to enter into any contract or execute and deliver any instrument in the name of the Corporation, an on behalf of the Corporation, and such authority may be general or confined to specific instances.

Section 2. Loans. No loan shall be contracted on behalf of the Corporation and no evidences of indebtedness shall be issued in its name unless authorized by a resolution of the Board of Directors. Such authority may be general or confined to specific instances

Section 3. Deposits. All funds received by the Corporation shall be deposited in a timely manner to Corporate accounts in banks, trust companies or other depositaries as designated by the Board of Directors.

ARTICLE XV.

Non-Profit Operation

Section 1. The Corporation shall, at all times, be operated on a non-profit basis for the mutual benefit of its members. No interest or dividend shall be paid or payable by the Corporation on any capital furnished by its members.

Section 2. The Corporation shall install, maintain and or purchase/operate a public water system from the source of the water supply to its qualified members and patrons under such policies, rules and regulations as shall be adopted by the Board or Directors from time to time.

Section 3. The Board of Directors shall, from time to time, make such rules, regulations, policies and directives as shall be necessary for the efficient operation of a rural water system and shall generally be responsible for the efficient operation of said system.

Section 4. In the event of dissolution, the Board of Directors shall first pay lawful debts and liabilities of the Corporation. Any remaining assets may be transferred to any other or several non-profit like organizations or political subdivisions having one (1) or more purposes in common with this Corporation. If no such organization can be reasonably found, the remaining assets shall be distributed to the members in an equitable manner.

ARTICLE XVI.

Miscellaneous

Section 1. Membership in Other Organizations The Corporation shall not become a member of or purchase stock in any other organization without an affirmative vote of the members at a duly held meeting, such Notice of which shall specify that action is to be taken upon such proposed membership or stock purchased; provided, however that the Corporation may, upon the authorization of the Board of Directors, purchase stock in or become a member of any Corporation or organization organized on a non-profit basis for the purpose of engaging in or furthering the cause of rural water systems, or of any other organization, when in the opinion of the Board of Directors, such membership will promote the interests of the Corporation.

Section 2. Waiver of Notice. Any member or Director may waive in writing any Notice of a meeting required to be given by these By-Laws, either before or after such meeting. The attendance of a member or Director at any meeting shall constitute a Waiver of Notice of such meeting by such member or Director, except in the case a member or Director shall attend a meeting for the express purpose of objecting to the transaction or any business on the grounds that the meeting was not lawfully called or convened.

Section 2. Policies, Rules, and Regulations The Board of Directors shall have the power to make and adopt such policies, rules and regulations, not inconsistent with law, the Articles of Incorporation or these By-Laws, as it may deem advisable for the management of the business and affairs of the Corporation.

Section 3. Unless otherwise provided by Board policy, the rules of parliamentary procedure as provided in "Roberts Rules of Order" should govern the conduct of all meetings of the Board of Directors and meetings of the members of the Corporation.

ARTICLE XVII.

Indemnification of Officer and Directors

The Board of Directors shall establish a policy on the indemnification of Directors and Officers by the Corporation as may be permitted by the laws of the State of South Dakota: SDCL '47-22-65.1, '47-22-65.2, and '47-22-65.3 and amendments thereto.

ARTICLE XVIII.

Nondiscrimination

Neither this Corporation, nor its Board of Directors, or members shall discriminate against any prospective member, water user, or person obtaining any water service or other service or utility, or lawfully using any service facility of the Corporation by reason of said person's race, color, creed, religion, sex, age, or natural origin.

ARTICLE XIX.

Amendments

These By-Laws may be altered, amended or repealed and new By-Laws be adopted by the membership at any Regular Meeting or Special Meeting, provided that each member has been given prior notice of the proposed By-Laws amendment or has waived same in writing.

President of the Board Date
Date

Vice-President of the Board

Secretary of the Board Date
Date

Treasurer of the Board

2-15-07

WATER USERS AGREEMENT

This agreement entered into between the Hisega Meadows Water Inc. ("Association") a nonprofit corporation and _____ ("Member") of the Association.

The Member desires to purchase water from the Association and to enter into a water users agreement as required by the Bylaws of the Association.

In consideration of the mutual covenants, promises, and agreements, the Parties agree as follows:

1. The Association shall furnish, subject to the limitation set out in its Bylaws and Rules and Regulations now in force or as hereafter amended, such quantity of water as Member may desire in connection with Member's occupancy of the following described property address:

2. The Member shall maintain at the Member's expense a service line which shall begin at the curb stop (aka the valve that controls water flow from the main to the premises) and extend to the Member's physical property or place of use. The service line shall connect to the Association's water meter in the physical premises or place of use.
3. The Member also agrees to be fully responsible for the service line from and including the curb stop to the premises or place of use including the installation of an approved back-flow device.
4. The Member agrees to comply with and be bound by the Articles, Bylaws, Rules and Regulations of the Association, now in force, or as legally supplemented, amended, or changed. The Member also agrees to pay for water at such rates, time, and place as shall be determined by the Association, and agrees to the imposition of such penalties for noncompliance as are now set out in the Association's Bylaws and Rules and Regulations, or which may be hereafter adopted and imposed by the Association.
5. The Member agrees to pay a deposit in the amount of \$1,000 (net of any payments previously made to the Association. In the event service to the Member is terminated, either voluntarily by the Member, or by the Association for cause, the deposit shall be held and applied by the Association to any unpaid balance then owing on the Member's account. Should the account be fully paid at the time of termination of service to the Member, the deposit shall be refunded by the Association within a reasonable time thereafter.

6. The Association shall have final authority in any question of location of any service line connection to its water main line; shall determine the allocation of water to Members in the event of a water shortage; and may shut off water to a Member who allows a connection or extension to be made of the member's service line for the purpose of supplying water to another user. In the event the total water supply shall be insufficient to meet all of the needs of the Members, or in the event there is a shortage of water, the Association may prorate the water available among the various Members on such basis as is deemed equitable by the Board of Directors, and may also prescribe a schedule of hours covering use of water for garden/lawn purposes by particular Members and require adherence thereto or prohibit the use of water for garden/lawn purposes; provided that, if at any time the total water supply shall be insufficient to meet all of the needs of all the Members, the Association must first satisfy all the needs of all Members for domestic purposes before supplying any water for commercial purposes and must satisfy all the needs of all Members both domestic and commercial purposes before supplying any water for garden/lawn purposes.
7. The Member agrees that no other present or future source of water will be connected to any water lines served by the Association's waterlines unless authorized by the Board of Directors for the Association.
8. The failure of a customer to pay water charges imposed shall result in the automatic imposition of the following penalties:
 1. Nonpayment within ten day from the due date will be subject to a penalty of \$10.00.
 2. Nonpayment within thirty days from the due date may result in the water being shut off from the Member's property.
 3. In the event it becomes necessary for the Association to shut off the water from a Member's property, a \$250 fee may be charged for a reconnection of the service.

We have executed this agreement this ____ day of _____, 20__.

(SEAL)

ATTEST

Hisega Meadows Water, Inc.

Member

By: _____

Member

Its: _____

WATER RATE TABLE

Page 1 of 2

HISEGA MEADOWS WATER INC.
P.O. BOX 9486
RAPID CITY, SD 57709

PHONE NO.
605-342-2254

THE MINIMUM CHARGE OF \$80.00 IS PAYABLE EVERY MONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$0.30 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$0.40 PER HUNDRED GALLONS USED UP TO 15,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE.

Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost	Gallons	Cost
Minimum	=80.00	5000	=95.00	10000	=110.00	15000	=125.00	20000	=145.00	25000	=165.00
100	=80.30	5100	=95.30	10100	=110.30	15100	=125.40	20100	=145.40	25100	=165.40
200	=80.60	5200	=95.60	10200	=110.60	15200	=125.80	20200	=145.80	25200	=165.80
300	=80.90	5300	=95.90	10300	=110.90	15300	=126.20	20300	=146.20	25300	=166.20
400	=81.20	5400	=96.20	10400	=111.20	15400	=126.60	20400	=146.60	25400	=166.60
500	=81.50	5500	=96.50	10500	=111.50	15500	=127.00	20500	=147.00	25500	=167.00
600	=81.80	5600	=96.80	10600	=111.80	15600	=127.40	20600	=147.40	25600	=167.40
700	=82.00	5700	=97.10	10700	=112.10	15700	=127.80	20700	=147.80	25700	=167.80
800	=82.40	5800	=97.40	10800	=112.40	15800	=128.20	20800	=148.20	25800	=168.20
900	=82.70	5900	=97.70	10900	=112.70	15900	=128.60	20900	=148.60	25900	=168.60
1000	=83.00	6000	=98.00	11000	=113.00	16000	=129.00	21000	=149.00	26000	=169.00
1100	=83.30	6100	=98.30	11100	=113.30	16100	=129.40	21100	=149.40	26100	=169.40
1200	=83.60	6200	=98.60	11200	=113.60	16200	=129.80	21200	=149.80	26200	=169.80
1300	=83.90	6300	=98.90	11300	=113.90	16300	=130.20	21300	=150.20	26300	=170.20
1400	=84.20	6400	=99.20	11400	=114.20	16400	=130.60	21400	=150.60	26400	=170.60
1500	=84.50	6500	=99.50	11500	=114.50	16500	=131.00	21500	=151.00	26500	=171.00
1600	=84.80	6600	=99.80	11600	=114.80	16600	=131.40	21600	=151.40	26600	=171.40
1700	=85.10	6700	=100.10	11700	=115.10	16700	=131.80	21700	=151.80	26700	=171.80
1800	=85.40	6800	=100.40	11800	=115.40	16800	=132.20	21800	=152.20	26800	=172.20
1900	=85.70	6900	=100.70	11900	=115.70	16900	=132.60	21900	=152.60	26900	=172.60
2000	=86.00	7000	=101.00	12000	=116.00	17000	=133.00	22000	=153.00	27000	=173.00
2100	=86.30	7100	=101.30	12100	=116.30	17100	=133.40	22100	=153.40	27100	=173.40
2200	=86.60	7200	=101.60	12200	=116.60	17200	=133.80	22200	=153.80	27200	=173.80
2300	=86.90	7300	=101.90	12300	=116.90	17300	=134.20	22300	=154.20	27300	=174.20
2400	=87.20	7400	=102.20	12400	=117.20	17400	=134.60	22400	=154.60	27400	=174.60
2500	=87.50	7500	=102.50	12500	=117.50	17500	=135.00	22500	=155.00	27500	=175.00
2600	=87.80	7600	=102.80	12600	=117.80	17600	=135.40	22600	=155.40	27600	=175.40
2700	=88.10	7700	=103.10	12700	=118.10	17700	=135.80	22700	=155.80	27700	=175.80
2800	=88.40	7800	=103.40	12800	=118.40	17800	=136.20	22800	=156.20	27800	=176.20
2900	=88.70	7900	=103.70	12900	=118.70	17900	=136.60	22900	=156.60	27900	=176.60
3000	=89.00	8000	=104.00	13000	=119.00	18000	=137.00	23000	=157.00	28000	=177.00
3100	=89.30	8100	=104.30	13100	=119.30	18100	=137.40	23100	=157.40	28100	=177.40
3200	=89.60	8200	=104.60	13200	=119.60	18200	=137.80	23200	=157.80	28200	=177.80
3300	=89.90	8300	=104.90	13300	=119.90	18300	=138.20	23300	=158.20	28300	=178.20
3400	=90.20	8400	=105.20	13400	=120.20	18400	=138.60	23400	=158.60	28400	=178.60
3500	=90.50	8500	=105.50	13500	=120.50	18500	=139.00	23500	=159.00	28500	=179.00
3600	=90.80	8600	=105.80	13600	=120.80	18600	=139.40	23600	=159.40	28600	=179.40
3700	=91.10	8700	=106.10	13700	=121.10	18700	=139.80	23700	=159.80	28700	=179.80
3800	=91.40	8800	=106.40	13800	=121.40	18800	=140.20	23800	=160.20	28800	=180.20
3900	=91.70	8900	=106.70	13900	=121.70	18900	=140.60	23900	=160.60	28900	=180.60
4000	=92.00	9000	=107.00	14000	=122.00	19000	=141.00	24000	=161.00	29000	=181.00
4100	=92.30	9100	=107.30	14100	=122.30	19100	=141.40	24100	=161.40	29100	=181.40
4200	=92.60	9200	=107.60	14200	=122.60	19200	=141.80	24200	=161.80	29200	=181.80
4300	=92.90	9300	=107.90	14300	=122.90	19300	=142.20	24300	=162.20	29300	=182.20
4400	=93.20	9400	=108.20	14400	=123.20	19400	=142.60	24400	=162.60	29400	=182.60
4500	=93.50	9500	=108.50	14500	=123.50	19500	=143.00	24500	=163.00	29500	=183.00
4600	=93.80	9600	=108.80	14600	=123.80	19600	=143.40	24600	=163.40	29600	=183.40
4700	=94.10	9700	=109.10	14700	=124.10	19700	=143.80	24700	=163.80	29700	=183.80
4800	=94.40	9800	=109.40	14800	=124.40	19800	=144.20	24800	=164.20	29800	=184.20
4900	=94.70	9900	=109.70	14900	=124.70	19900	=144.60	24900	=164.60	29900	=184.60
										30000	=185.00

WATER RATE TABLE

Page 2 of 2

HISEGA MEADOWS WATER INC.
P.O. BOX 9486
RAPID CITY, SD 57709

PHONE NO.
605-342-2254

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Gallons	Cost										
30,100	=185.40	35,100	=205.40	40,100	=225.40	45,100	=245.50	50,100	=270.50	55,100	=295.50
30,200	=185.80	35,200	=205.80	40,200	=225.80	45,200	=246.00	50,200	=271.00	55,200	=296.00
30,300	=186.20	35,300	=206.20	40,300	=226.20	45,300	=246.50	50,300	=271.50	55,300	=296.50
30,400	=186.60	35,400	=206.60	40,400	=226.60	45,400	=247.00	50,400	=272.00	55,400	=297.00
30,500	=187.00	35,500	=207.00	40,500	=226.00	45,500	=247.50	50,500	=272.50	55,500	=297.50
30,600	=187.40	35,600	=207.40	40,600	=227.40	45,600	=248.00	50,600	=273.00	55,600	=298.00
30,700	=187.80	35,700	=207.80	40,700	=227.80	45,700	=248.50	50,700	=273.50	55,700	=298.50
30,800	=188.20	35,800	=208.20	40,800	=228.20	45,800	=249.00	50,800	=274.00	55,800	=299.00
30,900	=188.60	35,900	=208.60	40,900	=228.60	45,900	=249.50	50,900	=274.50	55,900	=299.50
31,000	=189.00	36,000	=209.00	41,000	=229.00	46,000	=250.00	51,000	=275.00	56,000	=300.00
31,100	=189.40	36,100	=209.40	41,100	=229.40	46,100	=250.50	51,100	=275.50	56,100	=300.50
31,200	=189.80	36,200	=209.80	41,200	=229.80	46,200	=251.00	51,200	=276.00	56,200	=301.00
31,300	=190.20	36,300	=210.20	41,300	=230.20	46,300	=251.50	51,300	=276.50	56,300	=301.50
31,400	=190.60	36,400	=210.60	41,400	=230.60	46,400	=252.00	51,400	=277.00	56,400	=302.00
31,500	=191.00	36,500	=211.00	41,500	=231.00	46,500	=252.50	51,500	=277.50	56,500	=302.50
31,600	=191.40	36,600	=211.40	41,600	=231.40	46,600	=253.00	51,600	=278.00	56,600	=303.00
31,700	=191.80	36,700	=211.80	41,700	=231.80	46,700	=253.50	51,700	=278.50	56,700	=303.50
31,800	=192.20	36,800	=212.20	41,800	=232.20	46,800	=254.00	51,800	=279.00	56,800	=304.00
31,900	=192.60	36,900	=212.60	41,900	=233.60	46,900	=254.50	51,900	=279.50	56,900	=304.50
32,000	=193.00	37,000	=213.00	42,000	=233.00	47,000	=255.00	52,000	=280.00	57,000	=305.00
32,100	=193.40	37,100	=213.40	42,100	=233.40	47,100	=255.50	52,100	=280.50	57,100	=305.50
32,200	=193.80	37,200	=213.80	42,200	=233.80	47,200	=256.00	52,200	=281.00	57,200	=306.00
32,300	=194.20	37,300	=214.20	42,300	=234.20	47,300	=256.50	52,300	=281.50	57,300	=306.50
32,400	=194.60	37,400	=214.60	42,400	=234.60	47,400	=257.00	52,400	=282.00	57,400	=307.00
32,500	=195.00	37,500	=215.00	42,500	=235.00	47,500	=257.50	52,500	=282.50	57,500	=307.50
32,600	=195.40	37,600	=215.40	42,600	=235.40	47,600	=258.00	52,600	=283.00	57,600	=308.00
32,700	=195.80	37,700	=215.80	42,700	=235.80	47,700	=258.50	52,700	=283.50	57,700	=308.50
32,800	=196.20	37,800	=216.20	42,800	=236.20	47,800	=259.00	52,800	=284.00	57,800	=309.00
32,900	=196.60	37,900	=216.60	42,900	=236.60	47,900	=259.50	52,900	=284.50	57,900	=309.50
33,000	=197.00	38,000	=217.00	43,000	=237.00	48,000	=260.00	53,000	=285.00	58,000	=310.00
33,100	=197.40	38,100	=217.40	43,100	=237.40	48,100	=260.50	53,100	=285.50	58,100	=310.50
33,200	=197.80	38,200	=217.80	43,200	=237.80	48,200	=261.00	53,200	=286.00	58,200	=311.00
33,300	=198.20	38,300	=218.20	43,300	=238.20	48,300	=261.50	53,300	=286.50	58,300	=311.50
33,400	=198.60	38,400	=218.60	43,400	=238.60	48,400	=262.00	53,400	=287.00	58,400	=312.00
33,500	=199.00	38,500	=219.00	43,500	=239.00	48,500	=262.50	53,500	=287.50	58,500	=312.50
33,600	=199.40	38,600	=219.40	43,600	=239.40	48,600	=263.00	53,600	=288.00	58,600	=313.00
33,700	=199.80	38,700	=219.80	43,700	=239.80	48,700	=263.50	53,700	=288.50	58,700	=313.50
33,800	=200.20	38,800	=220.20	43,800	=240.20	48,800	=264.00	53,800	=289.00	58,800	=314.00
33,900	=200.60	38,900	=220.60	43,900	=240.60	48,900	=264.50	53,900	=289.50	58,900	=314.50
34,000	=201.00	39,000	=221.00	44,000	=241.00	49,000	=265.00	54,000	=290.00	59,000	=315.00
34,100	=201.40	39,100	=221.40	44,100	=241.40	49,100	=265.50	54,100	=290.50	59,100	=315.50
34,200	=201.80	39,200	=221.80	44,200	=241.80	49,200	=266.00	54,200	=291.00	59,200	=316.00
34,300	=202.20	39,300	=222.20	44,300	=242.20	49,300	=266.50	54,300	=291.50	59,300	=316.50
34,400	=202.60	39,400	=222.60	44,400	=242.60	49,400	=267.00	54,400	=292.00	59,400	=317.00
34,500	=203.00	39,500	=223.00	44,500	=243.00	49,500	=267.50	54,500	=292.50	59,500	=317.50
34,600	=203.40	39,600	=223.40	44,600	=243.40	49,600	=268.00	54,600	=293.00	59,600	=318.00
34,700	=203.80	39,700	=223.80	44,700	=243.80	49,700	=268.50	54,700	=293.50	59,700	=318.50
34,800	=204.20	39,800	=224.20	44,800	=244.20	49,800	=269.00	54,800	=294.00	59,800	=319.00
34,900	=204.60	39,900	=224.60	44,900	=244.60	49,900	=269.50	54,900	=294.50	59,900	=319.50
35,000	=205.00	40,000	=225.00	45,000	=245.00	50,000	=270.00	55,000	=295.00	60,000	=320.00



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 09, 2011

Mr. Jack Sanders
C&J Sanders Inc
10285 Big Piney Road
Rapid City, SD 57702

RE: C&J Sanders Inc Public Water System Onsite Evaluation (EPA ID #0271)

Dear Mr. Sanders:

The Department of Environment and Natural Resources (DENR) performed an on-site evaluation of your drinking water system on April 13, 2010. Based on the information obtained during that evaluation, C & J Sanders Inc. continues to do a good job of providing their customers with safe drinking water. We have some recommendations to assist you with maintaining compliance with regulations, improving operations, and providing public health protection. The recommendations are as follows:

Requirements for Public Water System On-Site Evaluations

1. Potable water from hydrants or storage reservoirs flushed into a storm sewer that drains to waters of the state is considered a point source discharge subject to state regulation. A discharge permit is required for these activities it can be found online at <http://denr.sd.gov/des/sw/wtpppermit.aspx>. For additional information and assistance, contact Anthony Mueske of the DENR Surface Water Quality Program at (605) 773-3351 or write the Department of Environment and Natural Resources, Joe Foss Building, Pierre, SD 57501-3181.

Recommendations for Public Water System On-Site Evaluations

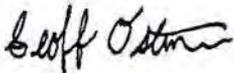
1. Continue to review water records to compare the amount of water produced at the plant with the amount of water sold. Aside from the water used to flushing and other public uses, the difference between the two should not be more than 10%. If the discrepancy is greater than that, the system should investigate the cause of the discrepancy.
-
2. The DENR does not recommend the use of pits or underground areas to house water system equipment. Flooding may cause contamination of the water of damage to the equipment especially anything that is electrical. We discussed this and your future plans to build an above ground treatment building.

3. Develop an Written Emergency Response plan that has provisions for addressing system demands in the event of a significant loss of water supply or other emergency situations such as a contamination issue.
4. To ensure that improvements and additions for your water system are in compliance with regulations governing public water supplies, the plans and specifications must be submitted to the DENR Drinking Water Program for review and approval. Such improvements would include the installation of the UV reactor and/or the construction of a presedimentation basin.

For technical assistance contact the Department of Environment and Natural Resources Drinking Water Program at 523 East Capitol, Pierre, SD 57501, (605) 773-3754 or the South Dakota Rural Water Association (SDRWA) at 203 W. Center Street, Madison, SD, (605) 556-7219. Representatives of your water system are invited to attend seminars and training courses sponsored by DENR and the SDRWA. For further information please contact them.

Please acknowledge that you have received this report by indicating corrective actions taken. The on-site evaluation report is also attached along with lab analysis of water samples taken during the visit. I have also included some general requirements for presedimentation basin construction. If you have questions or comments concerning this on-site evaluation, please call me at (605) 773-3754.

Sincerely,



Geoff Osterman
Drinking Water Program
(605) 773-6045

South Dakota Department of Environment and Natural Resources
Drinking Water Program
Public Water System On-Site Evaluation Report

System Name: C & J Sanders Inc
 Address: 10285 Big Piney Road
Rapid City, SD 57702

EPA ID #: 0271

County: Pennington

Person Contacted: Jack Sanders
 Address: 10285 Big Piney Road
Rapid City, SD 57702

Work phone: (605)343-0937
 Home phone: (605)342-9391
 Cell phone: _____
 Fax: _____
 E-mail: _____

Inspected By: Geoff Osterman Date of Inspection: 4/13/11 (mm/dd/yy)

Type of System: (check one) Community Water System
 Non-Transient Non-Community

Population: Total Population Served: 486 System Population: 486

Number of Service Connections: 195 Susceptibility to contamination of water source: moderate

Sources of Water: Water data from year: _____

Own Source(s): _____	Total produced: _____	% of total: <u>0%</u>
Bulk Supplier: _____	Total purchased: _____	% of total: <u>0%</u>
Contracted flow rate?: _____	Total Annual Use: <u>0</u>	<u>100.0%</u>

Water Sold to: _____
 (bulk connections only) _____

How much water can this system supply? 90 (maximum flow rate, gpm)
 What major factor limits system's ability to supply water? _____

- | yes | no | n/a | unk | note | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | Is there an up-to-date map or schematic of system? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 | Is the system capable of meeting demand at all times (excluding fire flow)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 | Is good housekeeping evident throughout the system? |

Comments: _____

Water Usage

yes no n/a unk note

4 Are all customers metered?

5 If not, what entities are not metered?

6 Total gallons billed: _____

7 Calculated water loss: _____ <10%

yes no n/a unk note

8 Peak month and amount used July _____ gallons

9 Does the system track unaccounted-for water?

Comments: _____

Water Sources

C&J Sanders Inc

EPA ID: 0271

Name	Year Built	Diameter (in)	Depth (ft)	GPM	Status	ID
GALLERY	1969	4	0	60	Permanent	13

GALLERY	1112-2	RAPID CREEK	Location Description	13

yes no n/a unk note

- | | | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Has a Source Water Protection Plan been developed?
Date: _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Is the wellhead/pumphouse protected from unauthorized personnel? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Are there any sources of contamination with 1/4 mile? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Are pesticides, herbicides, fertilizers applied in the area of the well(s)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Is a pressure gauge provided at each source? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Is a sample tap provided for raw water? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Can flow be measured from each well? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Is the well house(s) kept clean, in good repair and not used to store hazardous material? |

Comments: _____

Water Treatment

C&J Sanders Inc

EPA ID: 0271

General Items

- | yes | no | n/a | unk | note | |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Is there continuous online water quality measurements taken?
If so, what? (pH, turbidity, chlorine, etc.)
<u>turbidity</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Can the treatment process be interrupted by power outages? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Is backup electrical power available? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Are treatment units designed to be taken out of service without interruption to operations? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Is routine maintenance and good housekeeping evident? |

Chlorination

- | yes | no | n/a | unk | note | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Is continuous disinfection provided? |
| | | | | | 2 Type of chemical used: <u>sodium hypochlorite</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Is there an anti-siphon valve on the feed pump? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Is there adequate spill containment? |
| | | | | | 5 Gas chlorination features: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Separate room? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Positive mechanical ventilation? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Restraints for all cylinders? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Self-contained air pack present? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Scale present? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Observation window? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 Automatic leak detectors? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Chlorine safety plan? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Other chemicals stored in room? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Is ammonia used to form chloramines? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16 Is an alternate method of disinfection used?
Describe: _____
_____ |

Comments: _____

16. Plan to add UV disinfection within 2 years, has the UV reactor already

Presedimentation

yes no n/a unk note

- 1 Does the water require presedimentation?
- 2 Is there a minimum detention time of three hours (Ten States Standards)?
If not, what is approximate detention time? _____
- 3 Is any treatment/conditioning done to water prior to presedimentation?
Describe: _____

- 4 Can the basin be bypassed?
- 5 Is there continuous sludge removal?
- 6 Is short circuiting a problem?

Comments: _____
Plans on installing a Presedimentation Basin in the next two years

Aeration

yes no n/a unk note

- 1 Is aeration provided?
- 2 What type of aeration is provided? _____

Comments: _____

Coagulation

yes no n/a unk note

- 1 Does the treatment process include coagulation?
- 2 List chemicals added: Aquahawk 2757 polymer

- 3 Is the basin equipped with mechanical mixing devices?
- 4 Is the detention period more than 30 seconds (Ten States Standards)?

Comments: _____

Flocculation

yes no n/a unk note

- 1 Does the treatment process include flocculation?
- 2 Is there at least 30 minutes of detention time for floc formation?
If not, what is approximate detention time? _____
- 3 Does the inlet and outlet design prevent short-circuiting and destruction?

Comments: _____

Sedimentation

yes no n/a unk note

- 1 Is sedimentation part of this treatment process?
- 2 Is there a detention time of at least 4 hours (Ten States Standards)?
If not, what is approximate detention time? _____
- 3 Is there continuous sludge removal?
- 4 Is sludge dewatered?
- 5 Where does recycled water reenter system? _____
- 6 Where is the sludge discharged? _____
- 7 Does the facility have the appropriate waste water permits?

Comments: _____

Filtration

yes no n/a unk note

- 1 Is filtration provided?
- 2 What type: Direct filtration- multimedia filters followed by one micron
Hamsco Cartridge filters- two parallel trains
- 3 Do records indicate that adequate filtration is being done?
- 4 Filtration area: _____
- 5 Maximum flow rate: 115 gpm
- 6 Backwash frequency: twice per day
- 7 How determined? pressure loss

Comments: _____

Fluoridation

- | yes | no | n/a | unk | note |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- 1 Is fluoridation provided?
- 2 Type of chemical used? _____
- 3 Is there an anti-siphon valve on the feed pump?
- 4 Is there adequate spill containment?
- 5 Do records indicate consistent, acceptable levels are maintained?

Comments: _____

Stabilization (pH adjustment, corrosion control, softening, etc.)

- | yes | no | n/a | unk | note |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- 1 Does the water require stabilization?
- 2 Are pH and alkalinity adjusted? (via soda ash, lime, caustic soda, carbon dioxide, sulfuric acid, etc.) How? _____

- 3 Is the water softened as part of this treatment process? Describe: _____

- 4 Are corrosion inhibitors or sequestering agents used? Describe: _____

- 5 Are polymers used for something other than described previously? _____

Comments: _____

Storage

C&J Sanders Inc

EPA ID: 0271

Description	Service Date	Location	ID
1 Ground Concrete 5000	2002		2
1 Ground Concrete 5000	2003		3
1 Ground Concrete 5000	2004		4
1 Ground Concrete 5000	2005		5
1 Ground Concrete 5000	2006		6
1 Ground Concrete 5000	2007		7
1 Ground Concrete 10000	2007		8
1 Ground Concrete 10000	2007		9
1 Ground Concrete 56000	2008-09		10
1 Ground Concrete 11000	2008-09		11
1 Ground Concrete 11000	2008-09		12

yes no n/a unk note

- 1 Is the area surrounding the ground-level storage structures graded in a manner that will prevent surface water from standing within 50 feet?
- 2 Do overflows and drains have free fall discharges which are screened and are brought down to an elevation between 12 and 24 inches above the ground?
- 3 Do the overflows and/or drains discharge to a splash pad or drainage inlet structure that is not connected to a storm or sanitary sewer?
- 4 Do the storage reservoirs have a watertight roof or cover and are they sloped so that water will drain?
- 5 Are storage structures designed so that they can be isolated from the distribution system without necessitating loss of pressure in the distribution system?
- 6 Is leakage evident at the time of inspection?
- 7 Are the storage structures vented?
- 8 Are vents properly protected/screened?
- 9 Are covers and hatches locked?
- 10 Is there separate inlet and outlet piping?
- 11 Does the drain allow for removal of accumulated silt?
- 12 Are there any weather related problems (freezing, etc.)?
- 13 Is there a control system to maintain level?
- 14 Are there high and low level alarms?
- 15 Are tanks filled automatically, manually or both? Auto
- 16 Is there a service contract for cleaning/inspecting the tanks?
- 17 Are the tanks disinfected after being cleaned or inspected? How?

Chlorinated solution

- 18 Are the storage structures secure from unauthorized access?
- 19 Is the area fenced?
- 20 What other steps have been taken to address security?

Comments: 14. Main Reservoir only

Distribution System

C&J Sanders Inc

EPA ID: 0271

Main sizes and types: 2" Galvanized, 3" Transite, and 4"PVC

- | yes | no | n/a | unk | note | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1 Is the water system capable of providing sufficient water during maximum demand conditions (excluding fire flow) to maintain a minimum pressure of 20 psi within the system measured at the consumer's tap? |
| | | | | | 2 What is normal operating pressure? <u>20-70</u> psi |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3 Are there areas with chronic low pressure problems? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4 Is an adequate map (shows valve locations, line sizes, etc) of the distribution system maintained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Is there a main flushing program? If yes, how often? <u>2/yr</u> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Are all dead-end water mains equipped with a means to flush? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Any plans to eliminate dead-ends (via looping of mains, etc.)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Are valves exercised regularly? If yes, how often? <u>2/yr</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9 Are there fire hydrants on mains less than 6 inches in diameter? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Does the system disinfect after pipe repairs or new pipe installation? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Is the location and nature of each repair documented? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 Does the system utilize a conservation program at any time? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Is the system adequately protected from freezing? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Are water and sewer mains separated by a horizontal distance of 10 feet or greater? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Is there a cross connection control program? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 16 Are audits conducted to check for cross connections in the system? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 17 Are backflow preventers installed on all consumer connections? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 18 Is the bulk water loading station designed with back flow prevention and appropriate air gap device to prevent contamination? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 19 Does the system contain any pressure reducing valves? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 20 For systems using chloramines, can you measure a total chlorine residual level of at least 0.5 mg/l in your distribution system at all times? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 21 For systems using chlorine, can you measure a free chlorine residual level of at least 0.3 mg/l in your distribution system at all times? |
| | | | | | 22 How often do you take chlorine readings in the distribution system?
<u>daily at pumphouse (1.5-2.0)</u> |

Comments (please indicate the question number):

1 & 2. Some homes have booster pumps, one homeowner refuses to install a booster pump

9. No fire hydrants on the system

19. Some of the homes have PRVs

Facilities Equipment

C&J Sanders Inc

EPA ID: 0271

yes no n/a unk note

1 Are any pumps used in the system?

If so, describe: _____

Pumps at pumphouse were recently upgraded with VFD

2 Are backup pumps available?

3 Is any equipment located in a pit?

4 Do you have contacts with contractors and equipment vendors to assure prompt service and spare parts availability?

5 Do you use a qualified pump contractor to inspect pump equipment?

6 Is food grade lubrication used in all water facilities equipment?

7 Is backup power available in the event of a power loss?

8 Is equipment protected from unauthorized entry or vandalism?

9 Are the facilities and equipment subject to weather related problems?

10 Is there a floor drain? Where does it drain to? _____

Backwash Pit

11 Is there adequate spill containment in chemical room?

Comments (please indicate the question number): _____

Monitoring/Reporting - Entry Point

C&J Sanders Inc

EPA ID: 0271

SAMPLING

Entry point: Treat Site - Gallery

	Chemical	Sampling Frequency	Waivers	Taken Last	Due Next	Notes
1	Inorganic Chemicals					
	A. Antimony	Triennially	No	May-10		
	B. Arsenic	Triennially	No	May-10		
	C. Barium	Triennially	No	May-10		
	D. Beryllium	Triennially	No	May-10		
	E. Cadmium	Triennially	No	May-10		
	F. Chromium	Triennially	No	May-10		
	G. Cyanide		Yes			State-wide waiver
	H. Fluoride	Triennially	No	May-10		
	I. Mercury	Triennially	No	May-10		
	J. Nickel	Triennially	No	May-10		
	K. Selenium	Triennially	No	May-10		
	L. Thallium	Triennially	No	May-10		
2	Radiological Chemicals	Every nine years	N/A			
3	VOC Chemicals	Triennially	No	Feb-09		
4	SOC Chemicals					
	A. Method 515.1	Triennially	No	Feb-09	2012	
	B. Method 524	Triennially	No	Feb-09	2012	
	C. Method 525	Triennially	No	Feb-09	2012	
	D. Method 531.1	Triennially	No	Feb-09	2012	
	E. Method 547	Triennially	No	Feb-09	2012	
	F. Method 548	Triennially	No	Feb-09	2012	
	G. Method 549	Triennially	No	Feb-09	2012	
5	Nitrate	Annually	N/A	May-10		
6	Nitrite	Triennially	N/A	Aug-09		

(These values are calculated from available data. Check correspondence for verification.)

Monitoring/Reporting - Distribution

C&J Sanders Inc

EPA ID: 0271

yes no n/a unk note

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1 Are the following sampling site plans up to date?

- Bacteriological
- Lead and copper
- Disinfection By Products (DBP)

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------

2 Are microbiological sampling sites (as approved by DENR) being rotated on a monthly basis for routine sampling?

3 Does the system have a waiver for asbestos sampling?

4 Which of the following records are kept regarding the system?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Operational Data:

- Flow meter readings:
- Electrical usage:
- Chemical usage:
- Hour meter readings:
- Storage or reservoir levels:
- Sampling data:
 - Chlorine residual testing
 - Bacteriological sampling
 - Fluoride levels
 - Asbestos sampling results
 - Lead and Copper sampling results
 - DBP Monitoring

Other: _____

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Maintenance Data:

- Water main repairs:
- Main flushing dates:
- Valve exercising dates:
- Equipment service:
- Other: _____

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Testing and Testing Equipment

Test kits present at system: DPD Chlorine meter

Hach-1720 turbidity meters _____

yes no n/a unk note

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------

5. Are up to date reagents present?

Tests and frequency performed by operator: _____

daily chlorine tests

Survey test results: _____

Bacteriological Monitoring

Bacteriological sampling and analysis: April 1, 2010 to April 1, 2011

- A Samples submitted: 12
- B Samples required: One Sample Each Month.
- C Survey samples: 0
- D Safe samples: 12
- E Unsafe samples: 0
- F Repeat samples: 0

Lead and Copper Monitoring

(These values are calculated from available data. Check correspondence for verification.)

- A Date Last Tested: August 31, 2009
- B Samples required: 5
- C Sampling Frequency: Triennially
- D Date Due Next: 2012
- E Lead - 90% Level: 1 Action Level - 15 ug/l
- F Copper 90% Level: 0.28 Action Level - 1.3 mg/l

Disinfectant Residual Monitoring

Residual sampling and analysis: 04/01/10 to 03/01/11

- A Samples taken: 12
- B Samples required: 12 (same as TCR)
- C Residual measured: Free chlorine: 0.54 mg/L
Chloramines: mg/L
- D RAA Residual: 0.49

Comments: _____

23 Have the recommendations from the previous survey been addressed?

Comments (please indicate the question number): _____

Financial Capacity

C&J Sanders Inc

EPA ID: 0271

- | yes | no | n/a | unk | note | |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 Does the public water system have an annual budget? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2 Does the water system income exceed operating expenses (including debt service)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3 Does the water system track budget performance? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4 Does the water system have audited financial statements? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5 Are water revenues kept in a separate account? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6 Is some of the water revenue set aside in reserve funds for future capital improvement projects? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7 Is there a capital improvement long range plan (up to 5 years)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8 Are the water system rates reviewed on at least an annual basis? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9 Is there a plan for rate increases? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10 Is the rate structure based on metered water use?
List rates: <u>\$100 + \$0.30/100 >15k (+ \$0.40/100) >45k (+ \$0.45/100)</u>
(example: \$22 minimum plus \$1.75/1000 gallons) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 11 Are there procedures in place to handle delinquent accounts? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12 Are more than 5% of your customer accounts delinquent? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 13 Are controls available to limit over-expenditures? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14 Are there purchasing procedures? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15 Does the system utilize computer software (accounting or otherwise) to maintain its financial records? |

Comments (please indicate the question number): _____

4. They are not audited on a regular basis _____

Violations

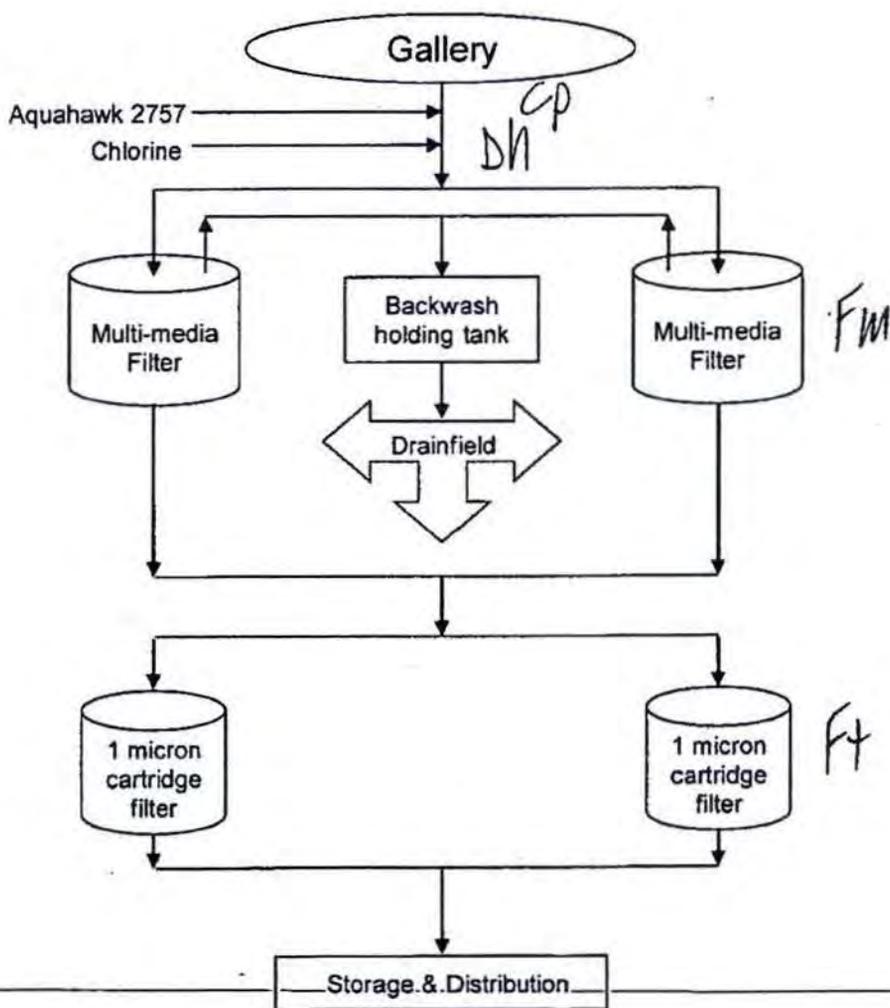
C&J Sanders Inc

EPA ID: 0271

Violations From April 1, 2008 To April 1, 2011

Violation Type	Parameter	Date	Duration (Months)
No Violations			

Drawing/Flow Schematic





**DIVISION OF
ADMINISTRATION**
Public Health Laboratory

615 East Fourth Street
Pierre, South Dakota 57501-1700
605/773-3368 FAX: 605/773-6129
www.state.sd.us/doh/lab/index.htm

Submitter copy to:

* Page 1 of 1*
Date: 4/22/2011

DENR-ODW/PWSS-5112
FOSS BUILDING
523 E CAPITOL
PIERRE, SD 57501

Spec #: E11EC001819
Subm #:
Lab: ENV CHEMISTRY
Tel #: (605) 773-3368

Source
C & J SANDERS INC

Date Rcvd: 4/14/2011
Time Rcvd: 1153
Date Coll: 4/13/2011
Time Coll: 1330
Spec Type: WATER
Coll By: GEOFF OSTERMAN
Location PLANT

Site Location: PLANT
Source Sampled: RAPID CREEK
Source: RAPID CREEK
Tap Location: PLANT
Type of Sample: TREATED
medium water

OIT

Final Results

Nitrate	Nitrate-N	<0.2 mg/L	Limit: 10.0
Fluoride		0.25 mg/L	
Chloride		20 mg/L	
Iron, Total		0.06 mg/L	
Manganese		0.08 mg/L	
Sulfate		42.3 mg/L	
SOLIDS, TOTAL DISS. Standard Method 2540C		227 mg/L	
PH		7.98 pH UNITS	
EPA Method 150.1			
Alkalinity-M		151 mg/L	
Alkalinity-P		0 mg/L	
Bicarbonate		184 mg/L	
Carbonate		0 mg/L	
Conductivity		391 umho/cm	
Calcium		38.4 mg/L	
Magnesium		19.0 mg/L	
SM3111B			
Hardness (calc)		174 mg/L	
Langlier Index		0.26	
Sodium		12.6 mg/L	
Potassium		2.8 mg/L	



DIVISION OF ADMINISTRATION
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615 East Fourth Street
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605/773-3368 FAX: 605/773-6129
www.state.sd.us/doh/lab/index.htm

Submitter copy to:

* Page 1 of 1*
Date: 4/22/2011

DENR-ODW/PWSS-5112
FOSS BUILDING
523 E CAPITOL
PIERRE, SD 57501

Spec #: E11EC001820
Subm #:
Lab: ENV CHEMISTRY
Tel #: (605)773-3368

Source
C & J SANDERS INC

Date Rcvd: 4/14/2011
Time Rcvd: 1153
Date Coll: 4/13/2011
Time Coll: 1330
Spec Type: WATER
Coll By: GEOFF OSTERMAN
Location PLANT

Site Location: PLANT
Source Sampled: RAPID CREEK
Source: RAPID CREEK
Tap Location: PLANT
Type of Sample: RAW
medium water

OR

Final Results

Table with 4 columns: Parameter, Analyte, Result, and Limit. Rows include Nitrate, Fluoride, Chloride, Iron, Manganese, Sulfate, SOLIDS, PH, Alkalinity, Bicarbonate, Carbonate, Conductivity, Calcium, Magnesium, SM3111B, Hardness, Langelier Index, Sodium, and Potassium.

PART 4 - TREATMENT**4.0 GENERAL**

The design of treatment processes and devices shall depend on evaluation of the nature and quality of the particular water to be treated, seasonal variations, the desired quality of the finished water and the mode of operation planned.

4.1 Clarification

Clarification is generally considered to consist of any process or combination of processes which reduces the concentration of suspended matter in drinking water prior to filtration.

Plants designed to reduce suspended solids concentrations prior to filtration shall

- a. provide a minimum of two units each for coagulation, flocculation and solids removal,
- b. permit operation of the units either in series or parallel where softening is performed and should permit series or parallel operation where plain clarification is performed,
- c. be constructed to permit units to be taken out of service without disrupting operation, and with drains or pumps sized to allow dewatering in a reasonable period of time,
- d. provide multiple-stage treatment facilities when required by the reviewing authority,
- e. be started manually following shutdown,
- f. minimize hydraulic head losses between units to allow future changes in processes without the need for repumping.

4.1.1 Presedimentation

Waters containing high turbidity may require pretreatment, usually sedimentation either with or without the addition of coagulation chemicals.

- a. Basin design - Presedimentation basins should have hopper bottoms or be equipped with continuous mechanical sludge removal apparatus, and provide arrangements for dewatering.
- b. Inlet - Incoming water shall be dispersed across the full width of the line of travel as quickly as possible; short-circuiting must be prevented.
- c. Bypass - Provisions for bypassing presedimentation basins shall be included.
- d. Detention time - Three hours detention is the minimum period recommended; greater detention may be required.

4.1.2 Coagulation

Coagulation shall mean a process using coagulant chemicals and mixing by which colloidal and suspended material are destabilized and agglomerated into settleable or filterable flocs, or both. The engineer shall submit the design basis for the velocity gradient (G value) selected, considering the chemicals to be added and water temperature, color and other related water quality parameters. For surface water plants using direct or conventional filtration, the use of a primary coagulant is required at all times

AMENDMENT #1
To the
FACILITIES PLAN
for
Hisega Meadows Water, Inc.
(Dated February 24, 2012)
Water System Improvement Project

AES Project No. 11-025

June 24, 2014

Submitted By:

ADVANCED ENGINEERING & SURVEYING, INC.
3421 W. Main Street, Rapid City, SD 57702
605-718-8825 605-718-8837 (Fax)



AMENDMENT #1
to the
FACILITIES PLAN

PROJECT Hisega Meadows Water System

CLIENT Hisega Meadows Water, Inc
PO Box 9486
Rapid City, SD 57709

OWNER Hisega Meadows Water, Inc
PO Box 9486
Rapid City, SD 57709

ENGINEER'S PROJECT NO. 11-025

DATE June 24, 2014

ENGINEER Advanced Engineering and Surveying, Inc.
3421 West Main Street
Rapid City, South Dakota 57702

CERTIFICATION I hereby certify that the Facilities Plan
Amendment together with the accompanying
documents were prepared by me under my
direct supervision and that I am a duly
Registered Professional Engineer under the
laws of the State of South Dakota.

SD Registration No. 7353

June 24, 2014

Ronald A. Bengs

Ronald A. Bengs, PE

Date



AMENDMENT #1
to the
FACILITIES PLAN
for
HISEGA MEADOWS WATER, INC.
Water System Improvement Project
(Dated February 24, 2014)

PENNINGTON COUNTY, SOUTH DAKOTA

June 24, 2014
SRF Project Number C462468-01
AES PROJECT NO. 11-025

I. ADDITIONAL BACKGROUND INFORMATION

Since the original Facilities Plan was submitted and during the design phase of the project, a number of conditions became known that have increased the scope and cost of the original project.

The following information is intended to provide an explanation/justification on the budget Over-run which in turn is requiring an additional funding request. The following areas were not included in the original report or funding application and have impacted the project scope. The budget over-run forced the project to be divided into two phases. Phase 1 was developed to fit the existing funding package.

There are five areas that have had significant impacts to the project scope and cost to include added survey costs, added engineering effort and added legal costs. Three of the areas have been included in Phase 1. Those three areas have been discussed in Section II of this amendment. Although not a part of this funding application, the discussion provides an explanation of why additional funding is being requested for the overall project.

This amendment is being prepared for submittal to SDDENR as an application for additional funding to complete Phase 2.

A vicinity map of the Hisega Meadows Water System was included in the original Facilities Plan. No change in the service area is being proposed.

Environmental Assessment

An Environmental Assessment (EA) is being completed for Phase 2 by Black Hills Council of Local Governments. That EA should be incorporated into this Amendment under separate cover.

Historical and Archaeological Sites

The proposed project is located within feet of the existing water system, existing roadways or an

existing utility corridor. For this reason, it is believed that the proposed work area has been previously disturbed by installation of these facilities.

In the event that cultural resources are located during project activities, it is recommended that Quality Services, Inc. and the SD SHPO be notified immediately.

Direct and Indirect Impacts

The direct project impacts may include: surface disturbance, construction adjacent to the creek, site grading, restoration and site reclamation. Indirect impacts could be impact to fish and wildlife. The direct impacts of the project will be restored and the indirect impacts will be mitigated whenever possible by employing Best Management Practices.

Direct mitigation of potential adverse environmental impacts will be made during the construction project. Some of these measures may include:

- Erosion Controls
 - o Riprap, Silt Fence, Erosion Blanket, Wattles, Etc.
- Dewatering and Sedimentation Controls
 - o Sedimentation and Filtration Ponds
 - o Creek Isolation
- Site Restoration
 - o Seeding, Fertilizing, Mulching
 - o Topsoiling

It is anticipated that this project will use conventional construction techniques and should not cause violation of any statutes or regulations administered by DENR based on their recommendations to follow Best Management Practices, storm water permits and limiting total suspended solids to regulated levels.

Mitigating Adverse Impacts

There are no anticipated long term adverse impacts anticipated due to the proposed project. Short term impacts such as construction noise and dust may have a short term impact. The short term impacts will be minimized as applicable during construction and therefore should be no requirement to mitigate.

II. EXISTING AND FUTURE CONDITIONS

Project Need and Planning Area Identification

During the course of design of the project, based on additional information becoming available, experience in operating the system and information obtained in the design process, the Board felt the following areas should be added to the project.

Area 1 (Phase 1):

The 2 inch line south of Wheaton on Hisega was not included in the funding package. At the time of application, the plan was to connect the existing service line to the new main at the intersection of Hisega & Wheaton. This line serves a single resident-Tract B.

The Hisega Board, after the award, decided to correct the entire line to a conforming service and replace the line from Hisega/Wheaton to the property line of Tract B, set curb stop at property line and replace service into the lot. The Board also felt that a small main line could be extended in the future east from Hisega to create looping of areas within the system. The decision was based on a number of things, a big one was age of that service line (it is old original line that extended south of Tract B to original pump house location. Another reason was so the curb stop was located at the property vs 600 to 700 feet north of the property.

This line is being placed in existing right of way which has been disturbed.

Area 2 (Phase 2):

Some amount of work along Big Piney Road had always been planned to correct the line under the Sanders foundation on Big Piney – Tract 2. The original plan required extension and re-connection of three service lines that where connected to that same line. During survey it was identified that five service lines were connected to this main.

However, as we got into the design, the Board made the decision to replace the 2 inch line on Big Piney with a 6 inch line. The service line work was in the original Report but, the mainline replacement was not.

This decision was based on information that became known after the project was funded. There were a large number of homes on the 2 inch line (located on the north side of Big Piney), however, there was no indication that problems existed. Once problems were identified, a decision was made to not connect any additional service lines tot eh existing 2 inch line on Big Piney.

It has been determined that 5 service lines are connected to the line across Tract 2 not 3 services as previously believed.

The 2 inch was known to be under sized and would need to be replaced at some point.....the discussion led to replacement now and correct the problem versus waiting until a future phase.

Again, this line was not in the funding package or Facilities Plan. It is located in a disturbed access easement which has been disturbed.

Area 3 - Alternate 2 (Phase 2):

Alt 2 was not in the original scope. The plan was to cross Hwy 44 and connect to the existing lines on the north side. The replacement of the line in Alt 2 was planned to be completed in a future phase. However, once the decision was made to replace the line on Big Piney, we then had a 1,000 LF segment of old line between Hwy 44 to Big Piney that was going to remain as an old, aging and a portion of that segment was believed to be transite pipe. The Board felt it was probably short sighted not to replace that segment since they were replacing the water line on Big Piney and this segment has some of the old original line as well as some transite pipe.

The application includes the cost of alternate 2, but, it will be bid as an alternate so it could be eliminated if costs are too high. With Alt 2, they will have new water line from the pump house all the way to the Big Piney reservoir.

This 1,000 foot segment was NOT in the original report or funding. It is adjacent to the existing water line, so the area has been disturbed for placement of the original water line.

Area 4 (Phase 1):

Based on previous correspondence between Jack Sanders (previous system owner) and SD DENR, it was believed that the system operations would adjust the chlorine levels at critical periods. Previous discussions with SD DENR indicated 2,000 LF of 4 inch line prior to the first user would provide adequate contact time with adjusted chlorine levels at cold temps and high use. The initial design provided a 6 inch water line to provide contact time, however, during the owners review, an operational decision was made to NOT adjust chlorine levels. They want to be able to operate between 1.0 and 1.5 mg/L chlorine under ALL conditions. This decision required a larger pipe to meet adequate contact time under all conditions.

Although this had minimal impact on design cost, it will impact the construction cost for the larger pipe size.

Area 5 (Phase 1):

After survey and initial design had begun, the Board made the decision to replace the 4 inch line from the west end of Wheaton Road to the pump house. The funded plan was going to leave the existing 4 inch line in place and connect to it near Black Hills Nursery. This did not have a significant impact on the design since the decision had already been made to move the alignment to this location. Construction plans were being developed for this segment, however, the new 4 inch line needed to be added to the construction documents.

The above decisions had budgetary impacts on areas such as survey requirements, engineering requirements, attorney and construction costs.

III. DEVELOPMENT AND EVALUATION OF PRINCIPAL ALTERNATIVES

Alternative Evaluation

No Action. This option will provide no system improvements. The aging system will continue to deteriorate, the transite pipe will remain in the system and the undersized line on Big Piney Road and associated issues will remain. It is likely that breaks and leaks will increase in frequency as the system ages. HMWI will be forced to make an emergency repair if the system fails which will be more costly and disruptive than a planned improvement. This alternative is deemed as unacceptable to a system providing water service to residents.

Various alternatives were not formally evaluated in this Amendment. The water system serves existing residents, there is no plan to discontinue service, therefore, there are really no feasible alternatives other than to make planned upgrades or make emergency repairs. HMWI has made the decision to make planned upgrades to an aging system. Other alignment corridors could be evaluated, however, the proposed work is in existing easements alternative alignments would require additional length in pipe and create issues in tying to the existing lines (not being replaced) providing service.

Views of the Public and Concerned Interest Groups

A public hearing is scheduled for June 25, 2014. The public hearing must include a presentation by the engineer that discusses the merits of the project, a discussion by a Hisega Meadows Water, Inc. representative outlining any impact the project will have on the individual water system customers regarding rates. Comments should be received from the public as part of this public hearing as well. In addition, the public should be given a two-week period to submit written comments regarding the project. Comments received at the meeting and from written responses will be acknowledged and addressed under separate cover. A copy of the Notice of Public Hearing, list of attendees, the minutes of the public hearing and the affidavit of publication will be included in the funding application packet.

IV. SELECTED PLAN, DESCRIPTION AND IMPLEMENTATION ARRANGEMENTS

There are no alternate options which are feasible. The proposed project replaces aging and undersized water lines adjacent to the existing lines. This allows the most economical re-connection of service lines with the least cost.

Design of Selected Plan

The proposed project is shown on the Phase 2 layout, sheet 1 located at the end of this amendment.

The proposed project includes the following major components:

Area 2 (Phase 2):

Some amount of work along Big Piney Road had always been planned to correct the line under the Sanders foundation on Big Piney – Tract 2. The original plan required extension and re-connection of three service lines that were connected to that same line. During survey it was identified that five service lines were connected to this main.

However, as we got into the design, the Board made the decision to replace the 2 inch line on Big Piney with a 6 inch line. The service line work was in the original Report but, the mainline replacement was not.

This decision was based on information that became known after the project was funded. There were a large number of homes on the 2 inch line (located on the north side of Big Piney), however, there was no indication that problems existed. Once problems were identified, a decision was made to not connect any additional service lines to the existing 2 inch line on Big Piney.

It has been determined that 5 service lines are connected to the line across Tract 2 not 3 services as previously believed.

The 2 inch was known to be under sized and would need to be replaced at some point.....the discussion led to replacement now and correct the problem versus waiting until a future phase.

Again, this line was not in the funding package or Facilities Plan. It is located in a disturbed access easement which has been disturbed.

Area 3 - Alternate 2 (Phase 2):

Alt 2 was not in the original scope. The plan was to cross Hwy 44 and connect to the existing lines on the north side. The replacement of the line in Alt 2 was planned to be completed in a future phase. However, once the decision was made to replace the line on Big Piney, we then had a 1,000 LF segment of old line between Hwy 44 to Big Piney that was going to remain as an old, aging and a portion of that segment was believed to be transite pipe. The Board felt it was probably short sighted not to replace that segment since they were replacing the water line on Big Piney and this segment has some of the old original line as well as some transite pipe.

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Area 4 (Phase 1):

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Although this had minimal impact on design cost, it will impact the construction cost for the larger pipe size.

The above decisions have had budgetary impacts on areas such as survey requirements, engineering requirements, attorney and construction costs.

Cost Estimates for the Selected Plan

The Engineer's probable construction cost is included at the end of this amendment.

This estimate has been revised based on average bid prices that were recently received on Phase 1. The opinion contains a 10 percent plus contingency.

Estimate of Probable Costs:

Construction cost:	\$ 469,000.00
Engineering:	\$ 25,000.00
Admin/Legal:	\$ 5,000.00
Contingency:	\$ 46,900.00
Total Project Cost:	\$ 545,900.00

Requested Funding Amount: \$ 546,000.00

The majority of the Phase 2 engineering has been completed under Phase 1. Construction plans are completed for Phase 2.

Annual Operating Budget

(1) Income

HMWI's revenue is limited to water sales revenue. The rate structure has been set at \$85.00 minimum charge and 0.40 cents per hundred gallons used up to 15,000 gallons. Use above 15,000 gallons is billed at 0.50 cents per hundred gallons used up to 45,000 gallons.

(2) Operations and Maintenance Costs.

The proposed HMWI Operating and Maintenance presented in the original facilities plan are not anticipated to change due to this project.

(3) Debt Repayments

HMWI currently has one loan from USDA Rural Development for purchase of the water system in June 2011. The loan amount is \$1,038,019.00. The monthly payment on this debt is \$4527.00.

Phase 1 will incur a loan amount of \$ 237,500.00 with a projected annual payment of \$ 15,964.00.

Phase 2 is requesting \$ 546,000.00. Assuming no grant or local cash, the projected annual debt service payment would be approximately \$ 36,700.00. It is anticipated that this application would have some percent of grant or principal forgiveness.

(4) Reserves

Debt Service Reserve

HMWI has developed a 10% reserve account (1/10 of annual debt service for 10 years) per the loan agreement with USDA Rural Development. HMWI will need to develop a reserve for Phase 1 and Phase 2 funded through SDDENR. The final reserve requirement should be based on the final loan amounts upon completion of construction.

User Rate Impacts

Current users must cover the cost of the construction and debt retirement. There is no growth projected so there is no additional user revenue anticipated other than water revenue. HMWI has increased water rates at their June 2014 annual meeting. This increase was not based specifically on the proposed project, but rather on the Board's expectation that future projects will need to be completed and they will require some amount of local cash to fund those projects

The proposed project will not increase water user rates.

Environmental Impacts and Mitigation of Selected Plan

Every project has the potential for environmental impacts. Projects located in more environmentally sensitive areas have a higher impact potential than projects located in less sensitive areas. The major issues relating to this project are primarily the potential of erosion and sediment during construction, construction dust and noise. Erosion control measures will be implemented to contain dust and drainage during construction. Implementation of best management practices will also mitigate any impact during the construction process.

Summary of Mitigation due to Environmental Impacts

Some temporary environmental impacts will result during construction of the proposed project. Minor dust and noise will result from the construction activity. Erosion and sediment control measures will be implemented to contain sediment and minimize erosion during construction. Implementation of best management practices will also mitigate any impact during the construction process.

BMP's will be included as part of the design and construction plans to protect drainage ways leading to Rapid Creek.

The proposed project is not anticipated to have any long term impacts and only minimal short term impacts. Mitigation measures are not anticipated to be more than standard BMP's. If installed properly, those BMP's should provide adequate environmental protection.

Arrangements for Implementation

Intermunicipal Service Agreements.

HMWI will have intermunicipal agreement with the City of Rapid City for allocated water from Pactola Reservoir.

Operation and Maintenance Requirements.

O&M requirements are not anticipated to change as a result of the proposed project.

Permits Required.

- SD DOT Right-of-Way permits for the Highway Crossings and for utilities located in the state right of way
- SD DENR permits for dewatering and a storm water permit
- Pennington County Construction permit
- Pennington County right of way permit (utilities in the county right of way)
- Pennington County conditional use permit (contractor storage yard)
- Forest Service Permit (for work on Forest Service land-Big Piney Reservoir)

Land Acquisition

There is no land acquisition required for the proposed project. The proposed project is located within existing easements, right of way or easements which have been acquired for the proposed project.

Implementation Schedule

Submit Funding Application	April 1, 2014
SDDENR Board of Water	September 2014
Complete Plans and Specifications of the Proposed Project	September 2014
Advertise for Bids	October 2014
Award Contract	October 2014
Begin Construction	Oct/Nov 2014
Complete Construction	Summer 2015

Conclusion

Hisega Meadows Water Inc. has now operated the water system for approximately three years. The current board desires to be pro-active in upgrading the system in a planned manner to avoid costly emergency repairs. Due to conditions that were discovered during the design phase the Board has decided that it is prudent to increase the project scope to correct the unknown conditions with this project versus waiting until a future phase. Also, the bid prices were higher than projected in the Facilities Plan which required the request for additional funding.

ENGINEERS PROBABLE ESTIMATE OF COST

BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	Mobilization	1	LS	\$ 30,000.00	\$ 30,000.00
2.	2" PVC Watermain, P.R. 200 psi - SDR 21	35	LF	\$ 30.00	\$ 1,050.00
3.	4" PVC Watermain C-900, DR-14	56	LF	\$ 30.00	\$ 1,680.00
4.	6" PVC Watermain C-900, DR-18	1,850	LF	\$ 40.00	\$ 74,000.00
5.	6" PVC Watermain C-900, DR-18, RJ pipe (HDD)	240	LF	\$ 75.00	\$ 18,000.00
6.	12" PVC C-900, DR-18, Restrained Joint Pipe (Casing Pipe-HDD), Spacers, End Seals	120	LF	\$ 150.00	\$ 18,000.00
7.	2" Coupling	4	EA	\$ 250.00	\$ 1,000.00
8.	4" Coupling	4	EA	\$ 250.00	\$ 1,000.00
9.	6" Coupling	1	EA	\$ 275.00	\$ 275.00
10.	2" High Deflection Coupling	1	EA	\$ 200.00	\$ 200.00
11.	6" High Deflection Coupling	3	EA	\$ 300.00	\$ 900.00
12.	8" High Deflection Coupling	2	EA	\$ 350.00	\$ 700.00
13.	4" - 90 Degree Bend	3	EA	\$ 300.00	\$ 900.00
14.	6" - 11.25 Degree Bend	3	EA	\$ 450.00	\$ 1,350.00
15.	6" - 22.5 Degree Bend	5	EA	\$ 450.00	\$ 2,250.00
16.	6" MJ CAP	1	EA	\$ 250.00	\$ 250.00
17.	6" - 45 Degree Bend	2	EA	\$ 450.00	\$ 900.00
18.	6" - 90 Degree Bend	1	EA	\$ 450.00	\$ 450.00
19.	2" x 2" x 2" Tee	1	EA	\$ 200.00	\$ 200.00
20.	4" x 4" x 2" Tee	3	EA	\$ 475.00	\$ 1,425.00
21.	6" x 6" x 2" Tee	2	EA	\$ 450.00	\$ 900.00
22.	6" x 6" x 6" Tee	3	EA	\$ 500.00	\$ 1,500.00
23.	6" x 2" Reducer	1	EA	\$ 300.00	\$ 300.00
24.	6" x 4" Reducer	5	EA	\$ 400.00	\$ 2,000.00
25.	2" Gate Valve w/ Box	3	EA	\$ 900.00	\$ 2,700.00
26.	4" Gate Valve w/ Box	2	EA	\$ 1,200.00	\$ 2,400.00
27.	6" Gate Valve w/ Box	7	EA	\$ 1,200.00	\$ 8,400.00
28.	6" Gate w/ Wheel Operator	1	EA	\$ 1,500.00	\$ 1,500.00
29.	Blow-Off Hydrant w/ Valve Box (Below Grade)	2	EA	\$ 2,000.00	\$ 4,000.00
30.	1" Tapping Saddle (6" Main) w/Corp Stop	14	EA	\$ 375.00	\$ 5,250.00
31.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	379	LF	\$ 25.00	\$ 9,475.00
32.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts (HDD)	90	LF	\$ 40.00	\$ 3,600.00

ENGINEERS PROBABLE ESTIMATE OF COST

*BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders***HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS**

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
33.	1" Curb Stop & Box	14	EA	\$ 350.00	\$ 4,900.00
34.	Connect to Existing Water Main	13	EA	\$ 1,000.00	\$ 13,000.00
35.	Aggregate Base Course	118	Ton	\$ 30.00	\$ 3,540.00
36.	Gravel Surfacing	302	Ton	\$ 30.00	\$ 9,060.00
37.	Asphalt Surfacing, Glass G, Type 1	84	Ton	\$ 200.00	\$ 16,800.00
38.	Clearing and Grubbing, Stump	1	EA	\$ 500.00	\$ 500.00
39.	Remove Tree	5	EA	\$ 500.00	\$ 2,500.00
40.	Remove & Dispose of Asphalt Surfacing	2,416	SF	\$ 5.00	\$ 12,080.00
41.	Big Piney Reservoir Work	1	LS	\$ 5,000.00	\$ 5,000.00
42.	Remove Existing Surface Features	7	EA	\$ 250.00	\$ 1,750.00
43.	Concrete Washout Area	1	EA	\$ 1,000.00	\$ 1,000.00
44.	9" Erosion Control Wattle	85	LF	\$ 5.50	\$ 467.50
45.	Silt Fence	60	LF	\$ 5.50	\$ 330.00
46.	Contractor Furnish Topsoil	150	CY	\$ 30.00	\$ 4,500.00
47.	Seeding - hydroseed	0.6	AC	\$ 4,200.00	\$ 2,520.00
48.	Traffic Control Plan	1	LS	\$ 500.00	\$ 500.00
49.	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
50.	Imported Borrow (Trench)	311	CY	\$ 18.00	\$ 5,591.33
51.	Foundation Material, Type 3	58	CY	\$ 35.00	\$ 2,031.94
52.	Rock Excavation	295	CY	\$ 75.00	\$ 22,150.00
53.	Type 1 Bedding (Wet Areas Only)	100	Ton	\$ 32.00	\$ 3,200.00
54.	Exploratory Excavation	24	Hrs	\$ 300.00	\$ 7,200.00
				Subtotal	\$ 317,175.78
				Contingency (10%)	\$ 31,718.00
				Total SRF Eligible Construction Cost	\$ 348,893.78

ENGINEERS PROBABLE ESTIMATE OF COST

BASE BID PHASE 2 (Big Piney Area), plus Hisega Road, less Sanders

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
Items to be Funded by Owner (Non SRF Eligible Costs):					
Consolidated Funding					
1.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	165	LF	\$ 25.00	\$ 4,125.00
2.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts - (HDD)	30	LF	\$ 40.00	\$ 1,200.00
3.	Reconnect Service Line	13	EA	\$ 1,000.00	\$ 13,000.00
4.	Aggregate Base Course	2	Ton	\$ 30.00	\$ 60.00
5.	Gravel Surfacing	21	Ton	\$ 30.00	\$ 630.00
6.	Asphalt Surfacing, Glass G, Type 1	2	Ton	\$ 200.00	\$ 400.00
7.	Remove & Dispose of Asphalt Surfacing	50	SF	\$ 5.00	\$ 250.00
8.	Seeding - hydroseed	0.1	AC	\$ 4,200.00	\$ 420.00
				Total Consolidated Costs	\$ 20,085.00
				Total Combined Costs	\$ 368,978.78

ENGINEERS PROBABLE ESTIMATE OF COST

ALTERNATE 2 - Phase 2

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

ALT. 2 ADD:

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	4" PVC Watermain C-900, DR-14	10	LF	\$ 30.00	\$ 300.00
2.	6" PVC Watermain C-900, DR-18	1,000	LF	\$ 40.00	\$ 40,000.00
3.	4" Coupling	1	EA	\$ 250.00	\$ 250.00
4.	6" - 90 Degree Bend	1	EA	\$ 450.00	\$ 450.00
5.	6" x 6" x 4" Tee	1	EA	\$ 500.00	\$ 500.00
6.	4" Gate Valve w/ Box	1	EA	\$ 1,200.00	\$ 1,200.00
7.	1" Tapping Saddle (6" Main) w/Corp Stop	4	EA	\$ 375.00	\$ 1,500.00
8.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	130	LF	\$ 25.00	\$ 3,250.00
9.	1" Curb Stop & Box	2	EA	\$ 350.00	\$ 700.00
10.	Connect to Existing Water Main	1	EA	\$ 1,000.00	\$ 1,000.00
11.	Aggregate Base Course	105	Ton	\$ 30.00	\$ 3,150.00
12.	Gravel Surfacing	10	Ton	\$ 30.00	\$ 300.00
13.	Asphalt Surfacing, Class G, Type 1	70	Ton	\$ 200.00	\$ 14,000.00
14.	Remove & Dispose of Asphalt Surfacing	2,750	SF	\$ 5.00	\$ 13,750.00
15.	Remove Existing Surface Features	4	EA	\$ 250.00	\$ 1,000.00
16.	9" Erosion Control Wattle	170	LF	\$ 5.50	\$ 935.00
17.	Silt Fence	20	LF	\$ 5.50	\$ 110.00
18.	Seeding - hydroseed	0.7	AC	\$ 4,200.00	\$ 2,940.00
19.	Imported Borrow	167	CY	\$ 18.00	\$ 3,013.00
20.	Rock Excavation	188	CY	\$ 75.00	\$ 14,125.00
Subtotal (Add)					\$ 102,473.00

ENGINEERS PROBABLE ESTIMATE OF COST

ALTERNATE 2 - Phase 2

HISEGA MEADOWS WAER SYSTEM IMPROVEMENTS

Bid Date: TBD

Time: 3:00 PM, Local Time

Rapid City, South Dakota

AES Project No. 12-012

DEDUCT ITEMS FROM BASE BID:

Item No.	Description	Quantity	Unit	Unit Bid Price	Extended Bid Amount
1.	2" PVC Watermain, P.R. 200 psi - SDR 21	10	LF	\$ 30.00	\$ 300.00
2.	4" PVC Watermain C-900, DR-14	36	LF	\$ 30.00	\$ 1,080.00
3.	6" PVC Watermain C-900, DR-18	3	LF	\$ 40.00	\$ 120.00
4.	2" Coupling	1	EA	\$ 250.00	\$ 250.00
5.	4" Coupling	1	EA	\$ 250.00	\$ 250.00
6.	2" High Deflection Coupling	1	EA	\$ 200.00	\$ 200.00
7.	4" High Deflection Coupling	1	EA	\$ 250.00	\$ 250.00
8.	2" - 90 Degree Bend	1	EA	\$ 250.00	\$ 250.00
9.	4" - 90 Degree Bend	2	EA	\$ 300.00	\$ 600.00
10.	4" x 4" x 2" Tee	2	EA	\$ 475.00	\$ 950.00
11.	6" x 4" Reducer	2	EA	\$ 400.00	\$ 800.00
12.	2" Gate Valve w/ Box	1	EA	\$ 900.00	\$ 900.00
13.	4" Gate Valve w/ Box	1	EA	\$ 1,200.00	\$ 1,200.00
14.	Connect to Existing Water Main	4	EA	\$ 1,000.00	\$ 4,000.00

Subtotal (Deduct) \$ (11,150.00)

Items to be Funded by Owner (Non SRF Eligible Costs):

Consolidated Funding

1.	1" 200 PSI Copper Sized Poly Service Line w/ Metal Inserts	5	LF	\$ 25.00	\$ 125.00
2.	Reconnect Service Line	6	EA	\$ 1,000.00	\$ 6,000.00
3.	Seeding - hydroseed	0.1	AC	\$ 4,200.00	\$ 420.00

Owner Furnished Subtotal (Deduct) \$ 7,139.00

(Add) \$102,473.00

(Deduct) (\$11,150.00)

Consolidated Eligible Items \$7,139.00

Total Eligible Alt. 2 Net Cost \$98,462.00

Alt. 2 Installs New Watermain from Highway 44 to Big Piney Road. (Not included in Base Bid)

Water Rate Table

Page 1 of 2

Hisega Meadows Water Inc.
 P.O. Box 9486
 Rapid City, SD 57709

Phone No.
 605-342-2264

THE MINIMUM CHARGE OF \$85.00 IS PAYABLE EVERYMONTH REGARDLESS OF WATER USE.
 ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$.40 PER HUNDRED GALLONS USED. ALL
 GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$.50 PER HUNDRED GALLONS USED UP TO
 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE

Gallons	Cost										
Minimum	=85.00	5000	=102.00	10000	=122.00	15000	=142.00	20000	=167.00	25000	=192.00
100	=85.40	5100	=102.40	10100	=122.40	15100	=142.50	20100	=167.50	25100	=192.50
200	=85.80	5200	=102.80	10200	=122.80	15200	=143.00	20200	=168.00	25200	=193.00
300	=86.20	5300	=103.20	10300	=123.20	15300	=143.50	20300	=168.50	25300	=193.50
400	=86.60	5400	=103.60	10400	=123.60	15400	=144.00	20400	=169.00	25400	=194.00
500	=87.00	5500	=104.00	10500	=124.00	15500	=144.50	20500	=169.50	25500	=194.50
600	=87.40	5600	=104.40	10600	=124.40	15600	=145.00	20600	=170.00	25600	=195.00
700	=87.80	5700	=104.80	10700	=124.80	15700	=145.50	20700	=170.50	25700	=195.50
800	=88.20	5800	=105.20	10800	=125.20	15800	=146.00	20800	=171.00	25800	=196.00
900	=88.60	5900	=105.60	10900	=125.60	15900	=146.50	20900	=171.50	25900	=196.50
1000	=89.00	6000	=106.00	11000	=126.00	16000	=147.00	21000	=172.00	26000	=197.00
1100	=89.40	6100	=106.40	11100	=126.40	16100	=147.50	21100	=172.50	26100	=197.50
1200	=89.80	6200	=106.80	11200	=126.80	16200	=148.00	21200	=173.00	26200	=198.00
1300	=90.20	6300	=107.20	11300	=127.20	16300	=148.50	21300	=173.50	26300	=198.50
1400	=90.60	6400	=107.60	11400	=127.60	16400	=149.00	21400	=174.00	26400	=199.00
1500	=90.00	6500	=108.00	11500	=128.00	16500	=149.50	21500	=174.50	26500	=199.50
1600	=90.40	6600	=108.40	11600	=128.40	16600	=150.00	21600	=175.00	26600	=200.00
1700	=90.80	6700	=108.80	11700	=128.80	16700	=150.50	21700	=175.50	26700	=200.50
1800	=91.20	6800	=109.20	11800	=129.20	16800	=151.00	21800	=176.00	26800	=201.00
1900	=91.60	6900	=109.60	11900	=129.60	16900	=151.50	21900	=176.50	26800	=201.50
2000	=92.00	7000	=110.00	12000	=130.00	17000	=152.00	22000	=177.00	27000	=202.00
2100	=92.40	7100	=110.40	12100	=130.40	17100	=152.50	22100	=177.50	27100	=202.50
2200	=92.80	7200	=110.80	12200	=130.80	17200	=153.00	22200	=178.00	27200	=203.00
2300	=93.20	7300	=111.20	12300	=131.20	17300	=153.50	22300	=178.50	27300	=203.50
2400	=93.60	7400	=111.60	12400	=131.60	17400	=154.00	22400	=179.00	27400	=204.00
2500	=94.00	7500	=112.00	12500	=132.00	17500	=154.50	22500	=179.50	27500	=204.50
2600	=94.40	7600	=112.40	12600	=132.40	17600	=155.00	22600	=180.00	27600	=205.00
2700	=94.80	7700	=112.80	12700	=132.80	17700	=155.50	22700	=180.50	27700	=205.50
2800	=95.20	7800	=113.20	12800	=133.20	17800	=156.00	22800	=181.00	27800	=206.00
2900	=95.60	7900	=113.60	12900	=133.60	17900	=156.50	22900	=181.50	27900	=206.50
3000	=96.00	8000	=114.00	13000	=134.00	18000	=157.00	23000	=182.00	28000	=207.00
3100	=96.40	8100	=114.40	13100	=134.40	18100	=157.50	23100	=182.50	28100	=207.50
3200	=94.80	8200	=114.80	13200	=134.80	18200	=158.00	23200	=183.00	28200	=208.00
3300	=95.20	8300	=115.20	13300	=135.20	18300	=158.50	23300	=183.50	28300	=208.50
3400	=95.60	8400	=115.60	13400	=135.60	18400	=159.00	23400	=184.00	28400	=209.00
3500	=96.00	8500	=116.00	13500	=136.00	18500	=159.50	23500	=184.50	28500	=209.50
3600	=96.40	8600	=116.40	13600	=136.40	18600	=160.00	23600	=185.00	28600	=210.00
3700	=96.80	8700	=116.80	13700	=136.80	18700	=160.50	23700	=185.50	28700	=210.50
3800	=97.20	8800	=117.20	13800	=137.20	18800	=161.00	23800	=186.00	28800	=211.00
3900	=97.60	8900	=117.60	13900	=137.60	18900	=161.50	23900	=186.50	28900	=211.50
4000	=98.00	9000	=118.00	14000	=138.00	19000	=162.00	24000	=187.00	29000	=212.00
4100	=98.40	9100	=118.40	14100	=138.40	19100	=162.50	24100	=187.50	29100	=212.50
4200	=98.80	9200	=118.80	14200	=138.80	19200	=163.00	24200	=188.00	29200	=213.00
4300	=99.20	9300	=119.20	14300	=139.20	19300	=163.50	24300	=188.50	29300	=213.50
4400	=99.60	9400	=119.60	14400	=139.60	19400	=164.00	24400	=189.00	29400	=214.00
4500	=100.00	9500	=120.00	14500	=140.00	19500	=164.50	24500	=189.50	29500	=214.50
4600	=100.40	9600	=120.40	14600	=140.40	19600	=165.00	24600	=190.00	29600	=215.00
4700	=100.80	9700	=120.80	14700	=140.80	19700	=165.50	24700	=190.50	29700	=215.50
4800	=101.20	9800	=121.20	14800	=141.20	19800	=166.00	24800	=191.00	29800	=216.00
4900	=101.60	9900	=121.60	14900	=141.60	19900	=166.50	24900	=191.50	29900	=216.50
										30000	=217.00

Water Rate Table

Page 2 of 2

Hisega Meadows Water Inc.
P.O. Box 9486
Rapid City, SD 57709

Phone No.
605-342-2264

THE MINIMUM CHARGE OF \$85.00 IS PAYABLE EVERYMONTH REGARDLESS OF WATER USE. ALL GALLONS LESS THAN 15,000 ARE AT THE RATE OF \$.40 PER HUNDRED GALLONS USED. ALL GALLONS MORE THAN 15,000 ARE AT THE RATE OF \$.50 PER HUNDRED GALLONS USED UP TO 45,000 GALLONS. SEND ONE SELF BILLING CARD FOR EVERY MONTH OF SERVICE

| Gallons Cost |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 30100=217.50 | 35100=242.50 | 40100=267.50 | 45100=292.60 | 50100=322.60 | 55100=352.60 |
| 30200=218.00 | 35200=243.00 | 40200=268.00 | 45200=293.20 | 50200=323.20 | 55200=353.20 |
| 30300=218.50 | 35300=243.50 | 40300=268.50 | 45300=293.80 | 50300=323.80 | 55300=353.80 |
| 30400=219.00 | 35400=244.00 | 40400=269.00 | 45400=294.40 | 50400=324.40 | 55400=354.40 |
| 30500=219.50 | 35500=244.50 | 40500=269.50 | 45500=295.00 | 50500=325.00 | 55500=355.00 |
| 30600=220.00 | 35600=245.00 | 40600=270.00 | 45600=295.60 | 50600=325.60 | 55600=355.60 |
| 30700=220.50 | 35700=245.50 | 40700=270.50 | 45700=296.20 | 50700=326.20 | 55700=356.20 |
| 30800=221.00 | 35800=246.00 | 40800=271.00 | 45800=296.80 | 50800=326.80 | 55800=356.80 |
| 30900=221.50 | 35900=246.50 | 40900=271.50 | 45900=297.40 | 50900=327.40 | 55900=357.40 |
| 31000=222.00 | 36000=247.00 | 41000=272.00 | 46000=298.00 | 51000=328.00 | 56000=358.00 |
| 31100=222.50 | 36100=247.50 | 41100=272.50 | 46100=298.60 | 51100=328.60 | 56100=358.60 |
| 31200=223.00 | 36200=248.00 | 41200=273.00 | 46200=299.20 | 51200=329.20 | 56200=359.20 |
| 31300=223.50 | 36300=248.50 | 41300=273.50 | 46300=299.80 | 51300=329.80 | 56300=359.80 |
| 31400=224.00 | 36400=249.00 | 41400=274.00 | 46400=300.40 | 51400=330.40 | 56400=360.40 |
| 31500=224.50 | 36500=249.50 | 41500=274.50 | 46500=301.00 | 51500=331.00 | 56500=361.00 |
| 31600=225.00 | 36600=250.00 | 41600=275.00 | 46600=301.60 | 51600=331.60 | 56600=361.60 |
| 31700=225.50 | 36700=250.50 | 41700=275.50 | 46700=302.20 | 51700=332.20 | 56700=362.20 |
| 31800=226.00 | 36800=251.00 | 41800=276.00 | 46800=302.80 | 51800=332.80 | 56800=362.80 |
| 31900=226.50 | 36900=251.50 | 41900=276.50 | 46900=303.40 | 51900=333.40 | 56900=363.40 |
| 32000=227.00 | 37000=252.00 | 42000=277.00 | 47000=304.00 | 52000=334.00 | 57000=364.00 |
| 32100=227.50 | 37100=252.50 | 42100=277.50 | 47100=304.60 | 52100=334.60 | 57100=364.60 |
| 32200=228.00 | 37200=253.00 | 42200=278.00 | 47200=305.20 | 52200=335.20 | 57200=365.20 |
| 32300=228.50 | 37300=253.50 | 42300=278.50 | 47300=305.80 | 52300=335.80 | 57300=365.80 |
| 32400=229.00 | 37400=254.00 | 42400=279.00 | 47400=306.40 | 52400=336.40 | 57400=366.40 |
| 32500=229.50 | 37500=254.50 | 42500=279.50 | 47500=307.00 | 52500=337.00 | 57500=367.00 |
| 32600=230.00 | 37600=255.00 | 42600=280.00 | 47600=307.60 | 52600=337.60 | 57600=367.60 |
| 32700=230.50 | 37700=255.50 | 42700=280.50 | 47700=308.20 | 52700=338.20 | 57700=368.20 |
| 32800=231.00 | 37800=256.00 | 42800=281.00 | 47800=308.80 | 52800=338.80 | 57800=368.80 |
| 32900=231.50 | 37900=256.50 | 42900=281.50 | 47900=309.40 | 52900=339.40 | 57900=369.40 |
| 33000=232.00 | 38000=257.00 | 43000=282.00 | 48000=310.00 | 53000=340.00 | 58000=370.00 |
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| 35000=242.00 | 40000=267.00 | 45000=292.00 | 50000=322.00 | 55000=352.00 | 60000=382.00 |



LEGEND

- NEW GATE VALVE
- NEW CURB STOP
- EXISTING WATER MAIN
- EXISTING WATER SERVICE
- PROPOSED WATER MAIN
- PROPOSED WATER MAIN ALTERNATE 2
- PROPOSED WATER SERVICE

- ALL SERVICE LINES TO BE CONNECTED TO NEW 6" WATERLINE WITH TAPPING SADDLE, CORPORATION STOP, AND CURB STOP.
- REMOVE EXISTING CURB STOPS.
- CONNECT NEW SERVICE TO EXISTING SERVICE LINE.

0 75' 150' 300'
SCALE: 1" = 150'

D. C. Scott
SURVEYORS, INC.
3163 ANDERSON ROAD
RAPID CITY, SD 57703
(605) 385-2400



ADVANCED ENGINEERING & SURVEYING, INC.

341 WEST MAIN STREET
RAPID CITY, SOUTH DAKOTA 57902
PHONE: 605-714-8033 FAX: 605-714-8037
EMAIL: aeb@advengr.com



Designed By:	Drawn By:
RB	GH
Design Date:	
Job No:	
AES-12-012	
Surveyed By:	
D.C. SCOTT 2013	
Revisions:	

**HISEGA MEADOWS WATER SYSTEM
IMPROVEMENTS
PENNINGTON COUNTY, SOUTH DAKOTA**

EAMAP.DWG

Sheet Title:
HISEGA MEADOWS WATER PHASE 2
Sheet:
1

Public Hearing
Drinking Water Facilities Funding Application
Hisega Meadows Water, Inc.
June 26th, 2014

At 6:30 PM, a public hearing was opened at the Johnson Siding Fire Department meeting room. Introductions of board members and guests was made by the Company President Larry Deibert. The purpose of the hearing was to comply with the public notice requirements of the South Dakota State Department of Natural Resources relevant to a Water Facilities Funding Application. Bill Lass, Senior Planner of the Black Hills Counsel of Local Governments, was introduced. Bill started with an explanation of his role in the process and referred project particulars to Ron Bengs, Engineer with Advanced Engineering. The primary purpose of the application is to provide the funds to upgrade the water system, replacing outdated and undersized water lines. Ron Bengs, Engineer with Advanced Engineering (project engineer), he gave explanations of the alternatives evaluated in upgrading and improving the water system and used a visual aid to show the layout of the planned locations of improvements and why the final plans presented were the best alternatives. Bill discussed the proposed financing for this phase of the project, a request in the amount of \$ 546,000 for a period of 20 years at a proposed interest rate of 3%. He further discussed that company revenue would be pledged to insure repayment of the loan. The company recently initiated new and higher water usage rates to take into account the debt service that would be required to repay the debt.

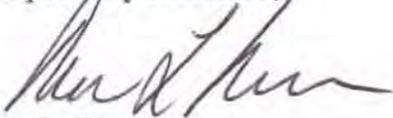
On a motion by board member Craig Fischer and a second by Ron Brown, the board unanimously gave the board president, Larry Deibert, the authorization to sign the following documents:

1. "Resolution Authorizing An Application for Financial Assistance, Authorizing The Execution and Submittal of the Application, and designating an authorized representative to certify and sign payment requests."
2. "Cover Page (page 2 of "Drinking Waters Facilities Funding Application)."
3. "7.3.8 Certification Of Drinking Water Needs Catagories."
4. "7.3.9 Preaward Compliance Review"
5. "7.3.10 Certification Regarding Debarment, suspension and other Responsibility Matters."

A final request was made for public comments/input and questions. Questions were asked and answered regarding the scope of this phase of the improvements. One question was if installation of water hydrants was part of the phase 2 project; the answer was no, but the installation of the 6" water mains could allow water hydrants in the future.

Being no further discussion, the hearing was adjourned at approximately 7:30 PM.

Respectfully submitted,



Ron L. Brown
Secretary and Board Member
Hisega Meadows Water, Inc.

SIGN-IN SHEET
HISEGA MEADOWS WATER, INC.
6/25/14 PUBLIC HEARING

<u>Name</u>	<u>Address</u>	<u>Representing</u>
1. Bill Lass	Rapid City	Black Hills Council of Govts.
2. Ron Howard	RCSD	HMWC
3. Jerry Deibert	Rapid City	HMWI
4. Gary Fischer	R C	HMWI
5. Keith A. Law	R.C.	HMWI
6. Lon Law	RC	HMWI
7. Mike Blumer	R.C.	HMWI
8. Scot Licht	R.C.	HMWI
9. Norm Tschetter	R.C.	HMWI
10. Ron Bengs	RC	Advanced Engineering
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Affidavit of Publication

STATE OF SOUTH DAKOTA

County of Pennington SS:

Robert Evans being first duly sworn, upon his/her oath says: That he/she is now and was at all time hereinafter mentioned, an employee of the RAPID CITY JOURNAL, a corporation of Rapid City, South Dakota, the owner and publisher of the RAPID CITY JOURNAL, a legal and daily newspaper printed and published in Rapid City, in said County of Pennington, and has full and personal knowledge of all the facts herein stated as follows: that said newspaper is and at all of the times herein mentioned has been a legal and daily newspaper with a bonafide paid circulation of at least Two Hundred copies daily, and has been printed and published in the English language, at and within an office maintained by the owner and publisher thereof, at Rapid City, in said Pennington County, and has been admitted to the United States mail under the second class mailing privilege for at least one year prior to the publication herein mentioned; that the advertisement, a printed copy of which, taken from said Rapid City Journal, the paper in which the same was published, is attached to this sheet and made a part of this affidavit, was published in said paper once each day for one successive day, the first publication there of being on the eleventh day of June that the fees charged for the publication there of are thirty four dollars and seventy two cents.

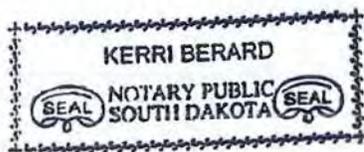
Robert Evans

Subscribed and sworn to before me this eleventh day of June 2014.

Kerri Berard

KERRI BERARD
NOTARY PUBLIC
MY COMM. EXP. AUGUST 21, 2019

My commission expires



June 11 L20869540
NOTICE OF PUBLIC HEARING FOR THE HISEGA MEADOWS WATER INC.'S WATER SYSTEM IMPROVEMENTS - PHASE 2 PROJECT
 Hisega Meadows Water, Inc. is seeking \$546,000 of funding from the Board of Water and Natural Resources for implementation of the Water System Improvements Project - Phase 2, including the following: replacement of water mains and service lines, and related water system improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Drinking Water State Revolving Fund (SRF) Program. The Drinking Water SRF loan terms are 3.0% for 20 years, and the Board of Water and Natural Resources may forgive all or a portion of loan principal. The amount, source of funds, and terms will be determined by the Board of Water and Natural Resources when the application is presented at a scheduled board meeting. The purpose of the public hearing is to discuss the proposed project, the proposed financing, and the source of repayment for the loan. The public is invited to attend and comment on the project. The public hearing will be held at the meeting room (west door) of the Johnson Siding Volunteer Fire Department building, 12250 West Highway 44 (west of Rapid City, SD) on Wednesday, June 25 at 6:30 P.M.
 (Published once at the total approximate cost of \$34.72).

IN THE _____ COURT
COUNTY OF PENNINGTON

=====

=====

**Publisher's and Attorney's
Affidavit**

=====

Filed in the office of _____ on
the _____ day of _____
20 _____

=====

=====

Attorney for _____



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, OMAHA DISTRICT
1616 CAPITOL AVENUE
OMAHA NE 68102-4901

June 12, 2014

Planning, Programs, and Project Management Division

Mr. William Lass, Senior Planner
Black Hills Council of Local Governments
730 E. Watertown Street, Suite 102
Rapid City, South Dakota 57701

Dear Mr. Lass:

The U.S. Army Corps of Engineers, Omaha District (Corps) has reviewed your letter dated May 27, 2014 (received May 29, 2014) regarding the Environmental Assessment Black Hills Council of Local Governments is conducting for Hisega Meadows Water, Inc. on phase two of their Water System Improvements Project located near Rapid City, South Dakota in Pennington County. We offer the following comments for your consideration:

Your plans should be coordinated with the state water quality office in which the project is located to ensure compliance with federal and state water quality standards and regulations mandated by the Clean Water Act and administered by the U.S. Environmental Protection Agency. Please coordinate with the South Dakota Department of Environment & Natural Resources concerning state water quality programs.

If you have not already done so, it is recommended you consult with the U.S. Fish and Wildlife Service and the South Dakota Department of Game, Fish and Parks regarding fish and wildlife resources. In addition, the South Dakota State Historic Preservation Office should be contacted for information and recommendations on potential cultural resources in the project area.

If any proposed water line construction crosses the floodplains of small drainageways and streams, flood-related problems should not occur if the lines are buried far enough below the beds of drainageways and streams to prevent exposure due to streambed erosion during periods of high flood flows. Any aboveground construction subject to flood damage, such as pump houses, should either be placed above, or flood proofed to, a level above the 100-year flood elevation.

Furthermore, your plans should be coordinated with the local floodplain administrators in which the project is located to ensure compliance with National Flood Insurance Program. Please coordinate with the South Dakota Division of Emergency Management located at:

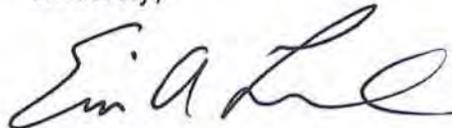
South Dakota Division of Emergency Management
Attention: Mr. Marc Macy
118 W. Capitol Avenue
Pierre, South Dakota 57501
Telephone: 605-773-3231
Fax: 605-773-3580
Email: marc.macy@state.sd.us

Any proposed placement of dredged or fill material into waters of the United States (including jurisdictional wetlands) requires Department of the Army authorization under Section 404 of the Clean Water Act. You can visit the Omaha District's Regulatory website for permit applications and related information. Please review the information on the provided website (<http://www.nwo.usace.army.mil/Missions/RegulatoryProgram.aspx>) to determine if this project requires a 404 permit. For a detailed review of permit requirements, preliminary and final project plans should be sent to:

U.S. Army Corps of Engineers
Pierre Regulatory Office
Attention: Mr. Steve Naylor, CENWO-OD-R-SD
28563 Powerhouse Road, Room 120
Pierre, South Dakota 57501

If you have any questions, please contact Ms. Amanda Ciurej of my staff at (402) 995-2897 or amanda.k.ciurej@usace.army.mil and reference PD# 6446 in the subject line.

Sincerely,



Eric A. Laux
Chief, Environmental Resources and Missouri River
Recovery Program Plan Formulation Section



RECEIVED

MAY 29 2014

U.S. FISH & WILDLIFE SERVICE

May 27, 2014

U.S. Dept. of the Interior
Fish and Wildlife Service
420 S. Garfield Ave.
Pierre, SD 57501-5408

This constitutes a report of the Department of The Interior prepared in accordance with the Fish and Wildlife Coordination Act (16 U.S.C. 661 et seq.). We have reviewed and have NO OBJECTION to this proposed project.

6/3/14
Date

Scott Larson
Field Supervisor

Dear Sir or Madam,

I am requesting your official written comment relative to an Environmental Assessment our agency is conducting for the Hisega Meadows Water, Inc. (HMW). HMW is proposing to use Federal Drinking Water State Revolving Loan Funds (DWSRF) to fund Phase 2 of their Water System Improvements Project – hence the need for this Environmental Assessment.

Background and Location:

HMW is a non-profit organization that owns and operates a central water system supplying water to approximately 193 properties total (although not all properties are affected by this currently-proposed project). HMW is proposing to implement Phase 2 of a Water System Improvements Project. The major construction components being proposed are identified below. In addition to these construction components, the project will also include related items such as: engineering, administration, legal, contingencies, incidental-related construction and appurtenances, etc. The project location is several miles west of Rapid City, SD along both sides of Highway 44 (see location map) in Pennington County, SD. The project is generally located within portions of the following legally-described property: NE1/4 of Section 9, T1N, R6E, BHM, Pennington County, SD.

Major Construction Components Proposed:

Hisega Road Water Main: Replacement of existing 2", 3" and 4" water main segments along Hisega Road with approximately 950 lineal feet of 6" main from the intersection with Wheaton Rd. northwards along the west side of Hisega Road, then crossing to the east side of Hisega Road, and continuing northwards on to the north side of Highway 44. All main will be installed in previously disturbed road right-of-way or utility easement.

Alternate 2: Replacement of existing 2" and 4" water main with about 1,000 lineal feet of 6" main between the north side of Highway 44 and Big Piney Road. This main will be placed in previously-disturbed utility easement.

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pit to accommodate the new main), and a longer-leg going southeast along the previously-disturbed Big Piney Road utility easement.

Big Piney Connections and Service Lines: Also included in the project will be the replacement of 11 service lines for properties that will be served by the new water main to be installed along Big Piney Road. As part of this work, existing curb stops on private property will be removed with installation of new curb stops in the public right-of-way or utility easement. New service line will be installed from the main to the location of the old curb stop. All service line replacement will be taking place in prior disturbed service-line corridors.

Project Need:

There is great need for this project. The segments of water main to be replaced are old, under-sized and include segments of transite pipe. The new service lines and curb stops are needed in order to replace aging existing service lines and to properly re-locate curb stops from private property into the public right-of-way or utility easements.

Attachments:

Attached to this letter are a number of maps to aid in your review. Specifically, two location maps and an engineering layout have been attached.

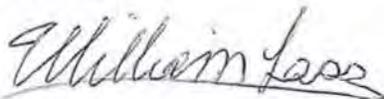
Project Impacts:

No significant impacts upon the environment are envisioned as part of this project. All affected land has been previously disturbed. The subject property primarily consists of developed residential and commercial properties in a semi-rural setting in relatively close proximity to Rapid City.

Comment Period:

I am respectfully requesting your written response to this letter within 30 days. Even if you have no concerns or comments, it is still required that we receive your written response so that the project sponsor is able to apply for the Federal funding needed for this project. If you have questions or need further information, please contact me at 605-721-6145.

Sincerely,



William Lass, Senior Planner

Encl.



DEPARTMENT OF GAME, FISH, AND PARKS

Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

May 29, 2014

Mr. William Lass
Black Hills Council of Local Governments
730 East Watertown St.
Suite 102
Rapid City, SD 57701

**RE: Hisega Meadows Water, Inc.
Rapid City, South Dakota**

Dear Mr. Lass:

The South Dakota Department of Game, Fish and Parks, Wildlife Division, has reviewed the above project involving the implementation of Phase 2 of a water system improvements project including replacements of water mains and service lines and upgrades to the reservoir well.

At this time, the project described will have no impacts on fish and wildlife resources. However, if the project design changes or if new information becomes available, please submit the changes for review.

If you have any other questions, please contact me at 605.773.6208.

Sincerely,

Leslie Murphy
Leslie Murphy
Senior Biologist



June 4, 2014

Mr. William Lass
Senior Planner
Black Hills Council of Local Governments
730 East Watertown Street, Suite 102
Rapid City, South Dakota 57701

RE: Environmental Assessment – Hisega Meadows Water, Inc.

Dear Mr. Lass:

Thank you for the opportunity to provide comments on the above project. The project will have no effect on prime or important farmland.

The Natural Resources Conservation Service (NRCS) do not have any easements or contracts in the project location. For any other easements outside of the NRCS, you should check with the local courthouse.

If you have any questions, please contact Barb Hall, GIS Specialist, at (605) 352-1256.

Sincerely,

DEANNA M. PETERSON
State Soil Scientist



May 27, 2014

Dan Jennissen, County Floodplain Coordinator
315 Saint Joseph Street
Suite 118
Rapid City, SD 57701

Dear Mr. Jennissen,

I am requesting your official written comment relative to an Environmental Assessment our agency is conducting for the Hisega Meadows Water, Inc. (HMW). HMW is proposing to use Federal Drinking Water State Revolving Loan Funds (DWSRF) to fund Phase 2 of their Water System Improvements Project – hence the need for this Environmental Assessment. Specifically, I am requesting your comments relative to any floodplain issues relative to this project.

Background and Location:

HMW is a non-profit organization that owns and operates a central water system supplying water to approximately 193 properties total (although not all properties are affected by this currently-proposed project). HMW is proposing to implement Phase 2 of a Water System Improvements Project. The major construction components being proposed are identified below. In addition to these construction components, the project will also include related items such as: engineering, administration, legal, contingencies, incidental-related construction and appurtenances, etc. The project location is several miles west of Rapid City, SD along both sides of Highway 44 (see location map) in Pennington County, SD. The project is generally located within portions of the following legally-described property: NE1/4 of Section 9, T1N, R6E, BHM, Pennington County, SD.

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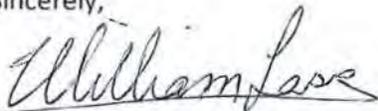
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Comment Period:

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Sincerely,



William Lass, Senior Planner

Encl.



May 27, 2014

U.S. Army Corps of Engineers,
Omaha District
Planning Division
Attn: CENWO-PM-AE
1616 Capitol Ave.
Omaha, NE 68102-4901

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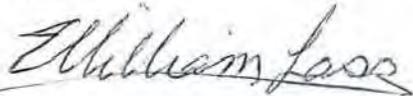
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Sincerely,



William Lass, Senior Planner

Encl.



May 27, 2014

U.S. Dept. of the Interior
Fish and Wildlife Service
420 S. Garfield Ave.
Pierre, SD 57501-5408

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Alternate 2: Replacement of existing 2" and 4" water main with about 1,000 lineal feet of 6" main between the north side of Highway 44 and Big Piney Road. This main will be placed in previously-disturbed utility easement.

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pit to accommodate the new main), and a longer-leg going southeast along the previously-disturbed Big Piney Road utility easement.

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Attachments:

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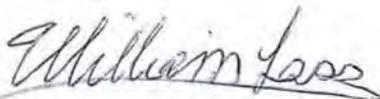
Project Impacts:

No significant impacts upon the environment are envisioned as part of this project. All affected land has been previously disturbed. The subject property primarily consists of developed residential and commercial properties in a semi-rural setting in relatively close proximity to Rapid City.

Comment Period:

I am respectfully requesting your written response to this letter within 30 days. Even if you have no concerns or comments, it is still required that we receive your written response so that the project sponsor is able to apply for the Federal funding needed for this project. If you have questions or need further information, please contact me at 605-721-6145.

Sincerely,



William Lass, Senior Planner

Encl.



May 27, 2014

SD Dept. of Game, Fish & Parks
Division of Wildlife
523 E. Capitol Ave.
Pierre, SD 57501-3182

Dear Sir or Madam,

I am requesting your official written comment relative to an Environmental Assessment our agency is conducting for the Hisega Meadows Water, Inc. (HMW). HMW is proposing to use Federal Drinking Water State Revolving Loan Funds (DWSRF) to fund Phase 2 of their Water System Improvements Project – hence the need for this Environmental Assessment.

Background and Location:

HMW is a non-profit organization that owns and operates a central water system supplying water to approximately 193 properties total (although not all properties are affected by this currently-proposed project). HMW is proposing to implement Phase 2 of a Water System Improvements Project. The major construction components being proposed are identified below. In addition to these construction components, the project will also include related items such as: engineering, administration, legal, contingencies, incidental-related construction and appurtenances, etc. The project location is several miles west of Rapid City, SD along both sides of Highway 44 (see location map) in Pennington County, SD. The project is generally located within portions of the following legally-described property: NE1/4 of Section 9, T1N, R6E, BHM, Pennington County, SD.

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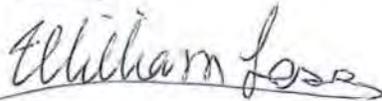
Project Impacts:

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Sincerely,

A handwritten signature in black ink that reads "William Lass". The signature is written in a cursive style with a horizontal line underneath the name.

William Lass, Senior Planner

Encl.



May 27, 2014

U.S. Dept. of Agriculture
Natural Resources Conservation Service
200 Fourth St. SW
Huron, SD 57350-2475

Dear Sir or Madam,

I am requesting your official written comment relative to an Environmental Assessment our agency is conducting for the Hisega Meadows Water, Inc. (HMW). HMW is proposing to use Federal Drinking Water State Revolving Loan Funds (DWSRF) to fund Phase 2 of their Water System Improvements Project – hence the need for this Environmental Assessment.

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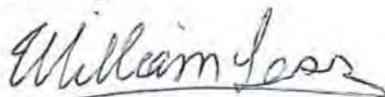
Project Impacts:

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Sincerely,



William Lass, Senior Planner

Encl.



May 27, 2014

SD Office of Emergency Management
Attn: Floodplain Coordinator
118 W. Capitol Ave.
Pierre, SD 57501-5070

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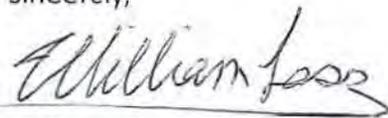
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William Lass, Senior Planner

Encl.

6.12.3 CULTURAL RESOURCES EFFECTS ASSESSMENT SUMMARY

Applicant Hisega Meadows Water, Inc.
Address PO Box 948, Rapid City, SD 57709

Project Contact Larry Deibert, Board President
Telephone Number 605-343-3942

Legal Location of Project (also refer to attached maps) -

Various locations located in NE1/4 of Section 9, T1N, R6E, BHM, Pennington County, SD.

City N/A **County** Pennington **Project No.** _____

Project Description:

Major Construction Components Proposed:

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For projects that involve new construction on vacant land please include information as to what previously occupied the site and whether that site has any known historic or archaeological significance.

All land to be affected by the project has been previously disturbed and there is no known historic or archaeological significance. Prior disturbance is due to the presence of existing utilities running along all corridors where proposed water main is to be located (refer to attached photos for full understanding).

Please describe below or attach information supporting the determination of effect.

As noted above, all land to be affected by the project has been previously disturbed. Further, preliminary consultation with the SD SHPO (refer to attached e-mail) has revealed that no records search or Cultural Resources Inventory report is required.

A map showing the project location is required. Drawings or photographs may also be helpful. (See attached maps and photos).

Please indicate the effect the project will have on cultural resources based on the review performed:

X No Historic Properties Affected: There are no historic properties present or the undertaking will not affect any properties eligible for or listed in the National Register of Historic Preservation.

No Adverse Effect: This property is listed in or eligible for the National Register of Historic Places. This project will have no adverse effect upon the historic significance of the property because the proposed undertaking meets the Secretary of the Interior's Standards for the Treatment of Historic Properties.

Adverse Effect: This property is listed in or eligible for eligible for the National Register of Historic Places. This project will have an adverse effect upon the historic significance of the property. (Attach proposed mitigation measures that may minimize the adverse effect.)

Prepared by: Bill Lass, Senior Planner Date 6/12/14

DETERMINATION OF EFFECTS

I have reviewed the project description and the information provided concerning historical and cultural effects of this project. Based on that review, the Department of Environment and Natural Resources concurs with the applicant's determination of the effects that the construction of this project will have on historical or cultural resources. Additionally, if historical or cultural resources are discovered during project construction, the contractor is required to cease construction and notify the State Historical Preservation Officer.

Approved by: _____ Date _____
SD Department of Environment and Natural Resources

William Lass

From: Rubingh, Amy [Amy.Rubingh@state.sd.us]
Sent: Friday, May 30, 2014 7:55 AM
To: William Lass
Subject: FW: Section 106 Review

Hi Bill,

Paige forwarded your message on to me since I am doing the reviews for DENR now. And you are correct as long as the disturbance is explained and documented (preferably via pictures of the area) the records search and/or archaeological survey does not need to be conducted.

Let me know if you have any other questions.

Thanks,

Amy Rubingh

Review and Compliance Archaeologist

South Dakota State Historical Society

900 Governors Drive

Pierre SD 57501-2217

(605) 773-8370

(605) 773-6041 (fax)

amy.rubingh@state.sd.us

[visit our website](#)



From: Olson, Paige
Sent: Tuesday, May 27, 2014 9:39 AM
To: Rubingh, Amy
Subject: FW: Section 106 Review

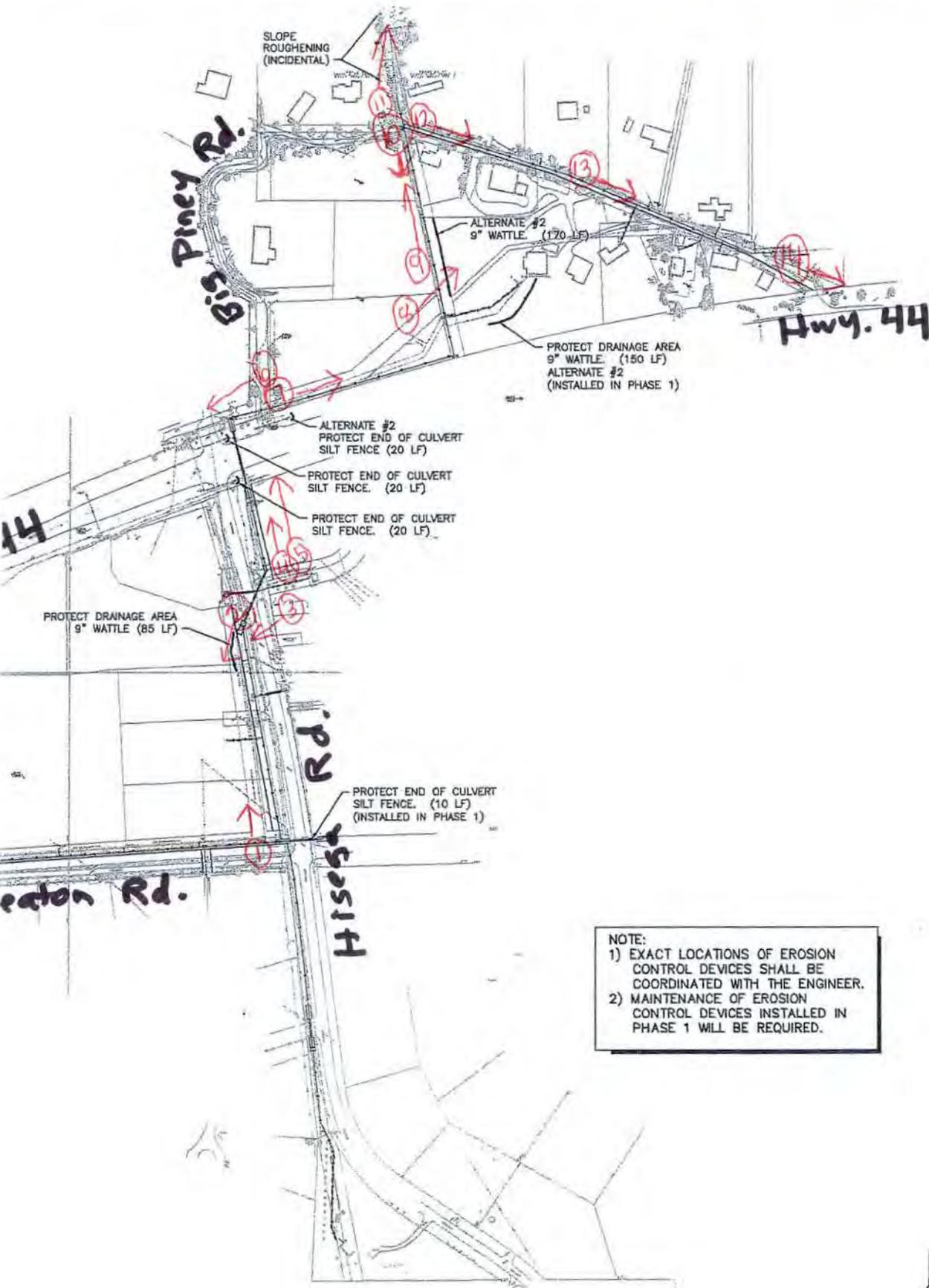
EPA/DENR question from Bill Lass.

From: William Lass [<mailto:wlass@tie.net>]
Sent: Tuesday, May 20, 2014 2:58 PM
To: Olson, Paige
Subject: Section 106 Review

Hello Paige,

I am working with the Hisega Meadows Water System, which is a few miles west of Rapid City, on a proposed SRF loan for phase 2 of their water system upgrades. The work will primarily entail replacement of existing main and existing service lines. All work will take place in previously disturbed right-of-way, previously disturbed easement, or previously disturbed corridors where private service lines are located. Am I correct in assuming that no records search and no

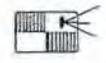
Photograph Legend



NOTE:
 1) EXACT LOCATIONS OF EROSION CONTROL DEVICES SHALL BE COORDINATED WITH THE ENGINEER.
 2) MAINTENANCE OF EROSION CONTROL DEVICES INSTALLED IN PHASE 1 WILL BE REQUIRED.



D.C. SCOTT
 SURVEYORS, INC.
 3153 ANDERSON ROAD
 RAPID CITY, SD 57703
 (605) 385 2400



ADVANCED ENGINEERING & SURVEYING, INC.
 3421 WEST MAIN STREET
 RAPID CITY, SOUTH DAKOTA 57702
 PHONE: 605-718-8625 FAX: 605-718-8827
 EMAIL: aescor@adveng.com



Designed By:	RB	Drawn By:	CH
Design Date:	3/7/14		
Job No:	AES-12-012		
Surveyed By:	D.C. SCOTT 2013		
Revisions:			

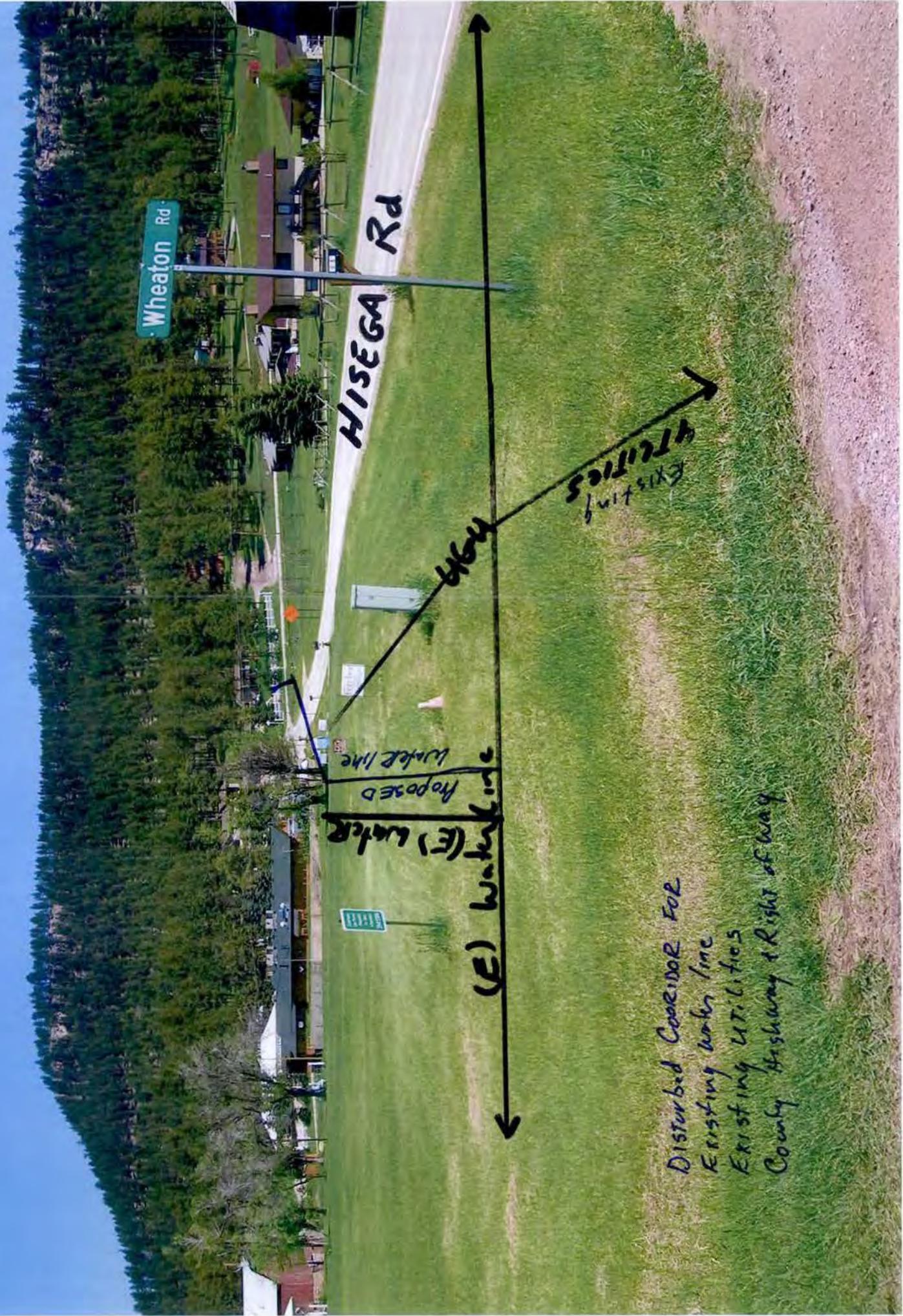
**HISEGA MEADOWS WATER SYSTEM
 IMPROVEMENTS
 PENNINGTON COUNTY, SOUTH DAKOTA**

HISEGA_C02.DWG

Sheet Title:
EROSION CONTROL PLAN

Sheet: **2.2** Phase: **PHASE 2**

Photo 1



Wheaton Rd

HISEGA Rd

Proposed water line
(E) water

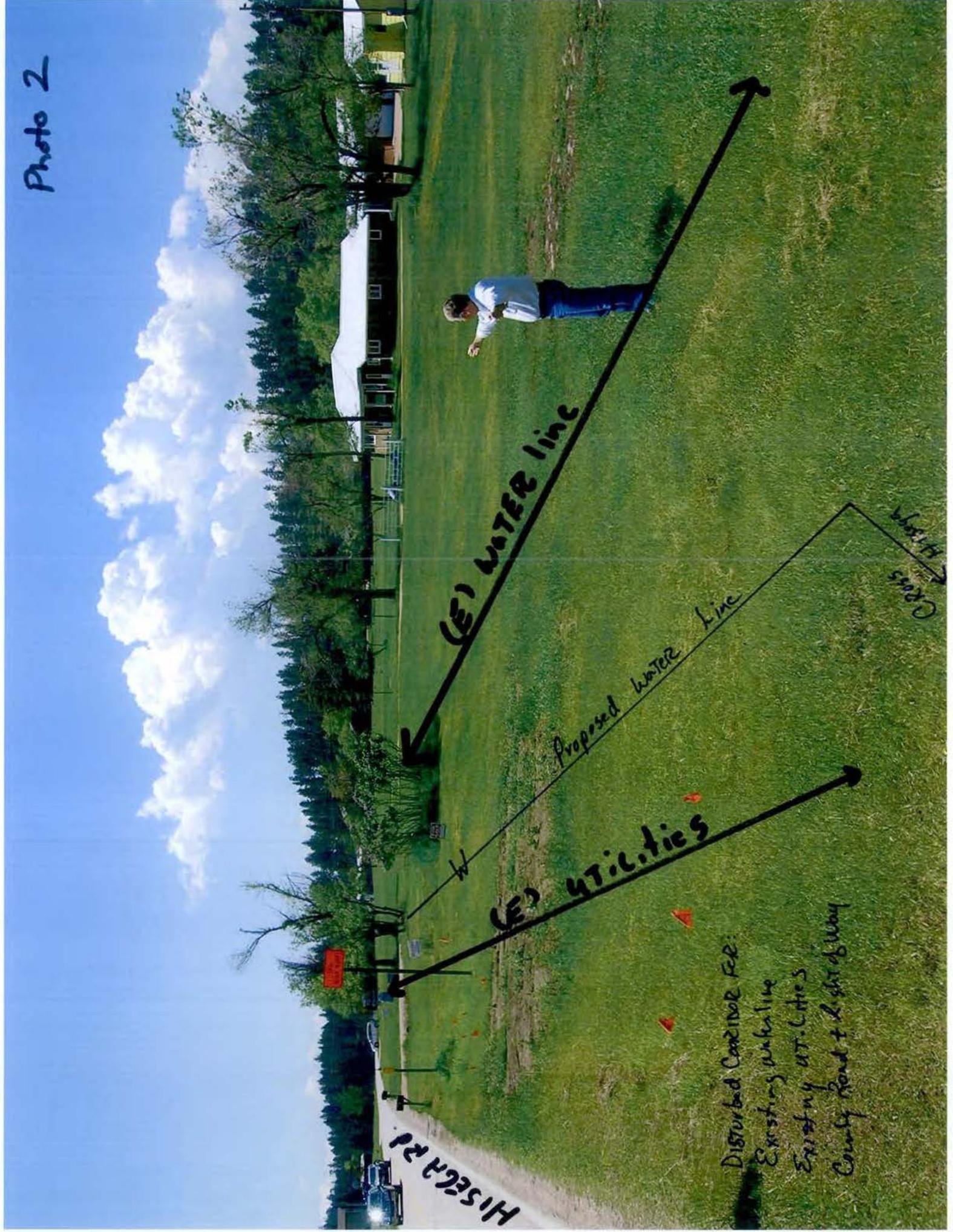
High

Existing Utilities

(E) water line

Disturbed Corridor FOR
Existing water line
EXISTING UTILITIES
County Highway & Right of way

Photo 2



HISLACK RD

(E) WATER LINE

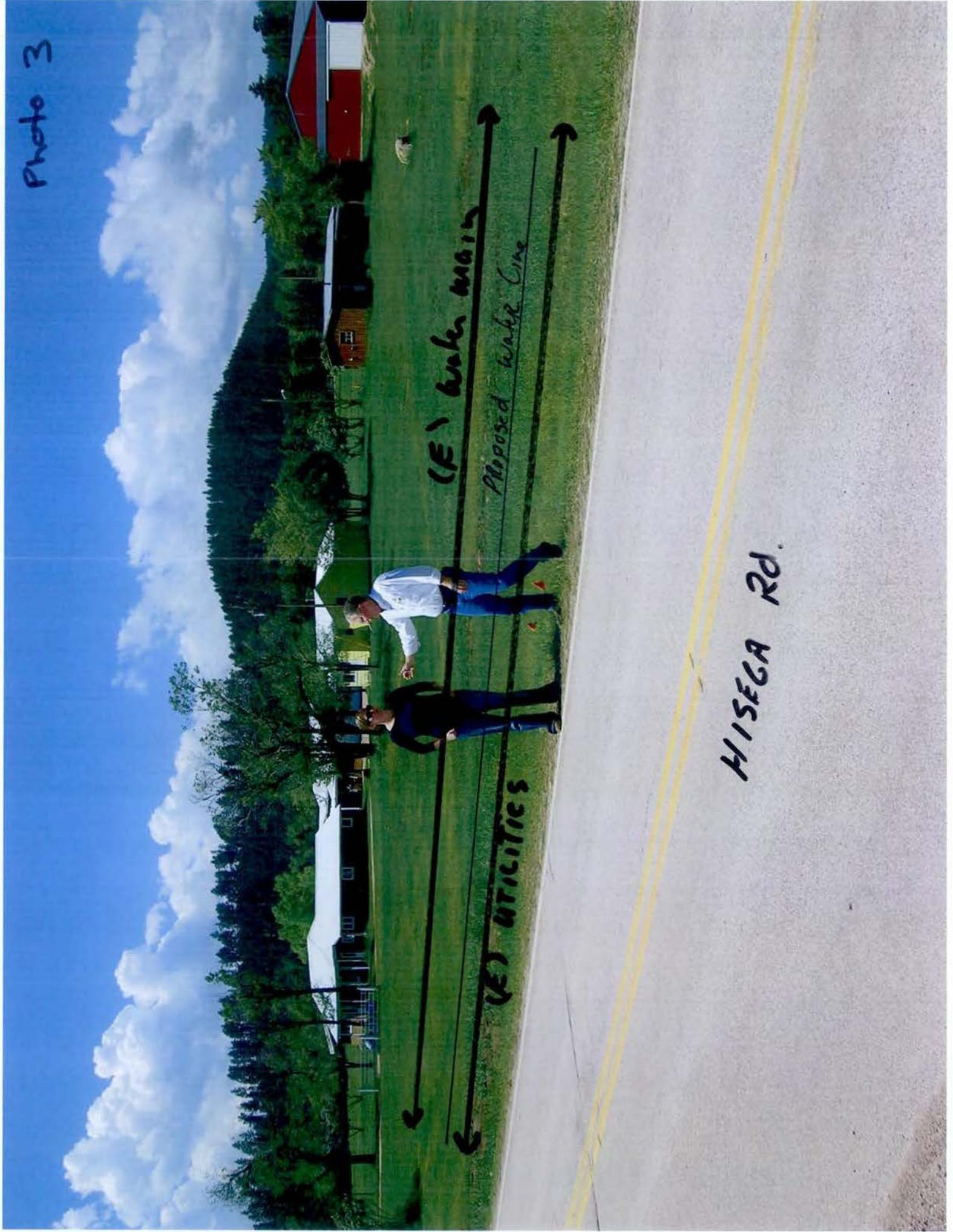
(E) UTILITY LINES

Proposed Water Line

Cross Streets

- Disturbed Corridor Fee:
- Existing water line
- Existing UT. Lines
- County Road + Right of Way

Photo 3



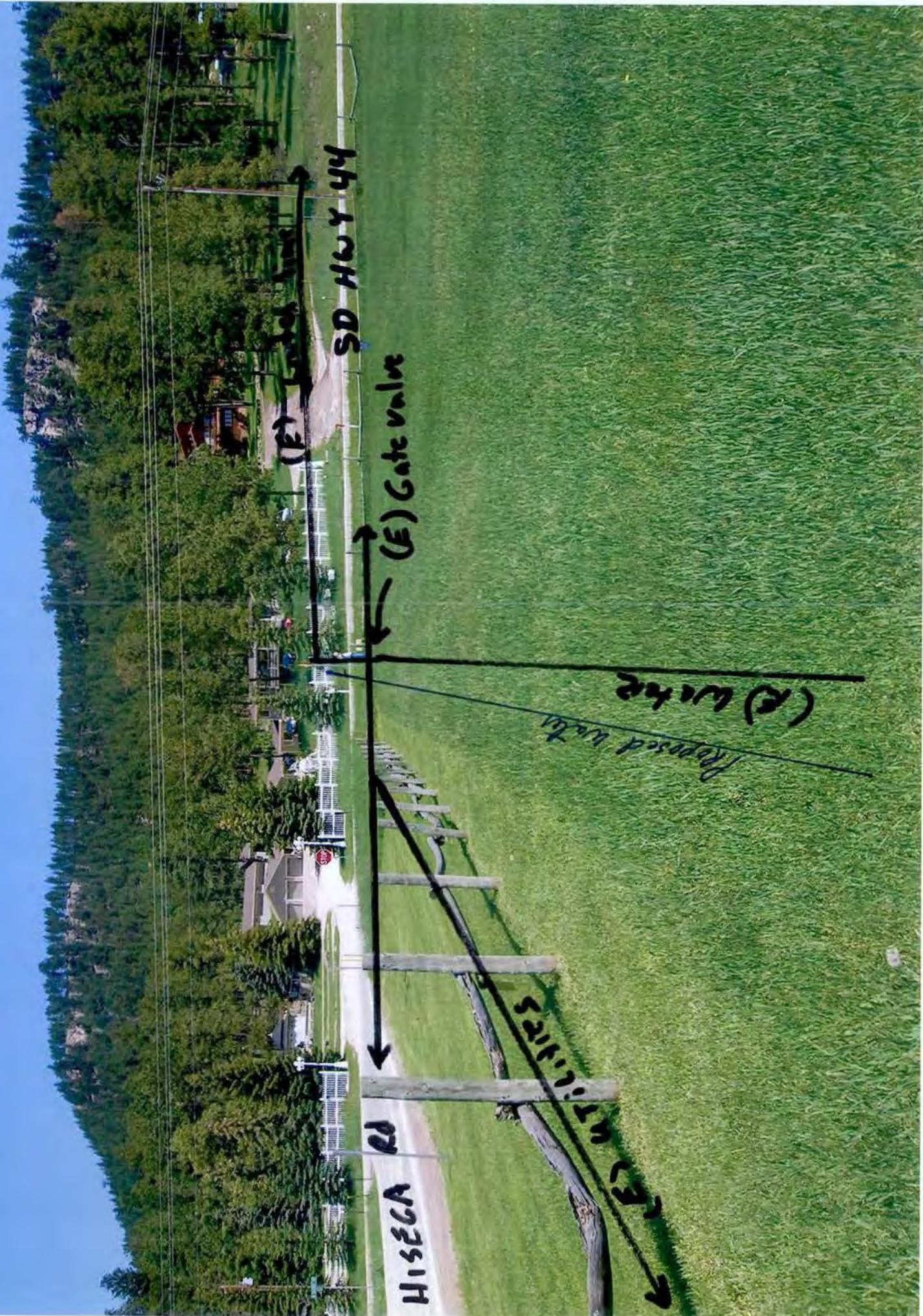
(E) water main

Proposed water line

(E) UTILITIES

HISEGA RD.

Photo 4



SD HWY 44

(E) Gate valve

HISEGA Rd

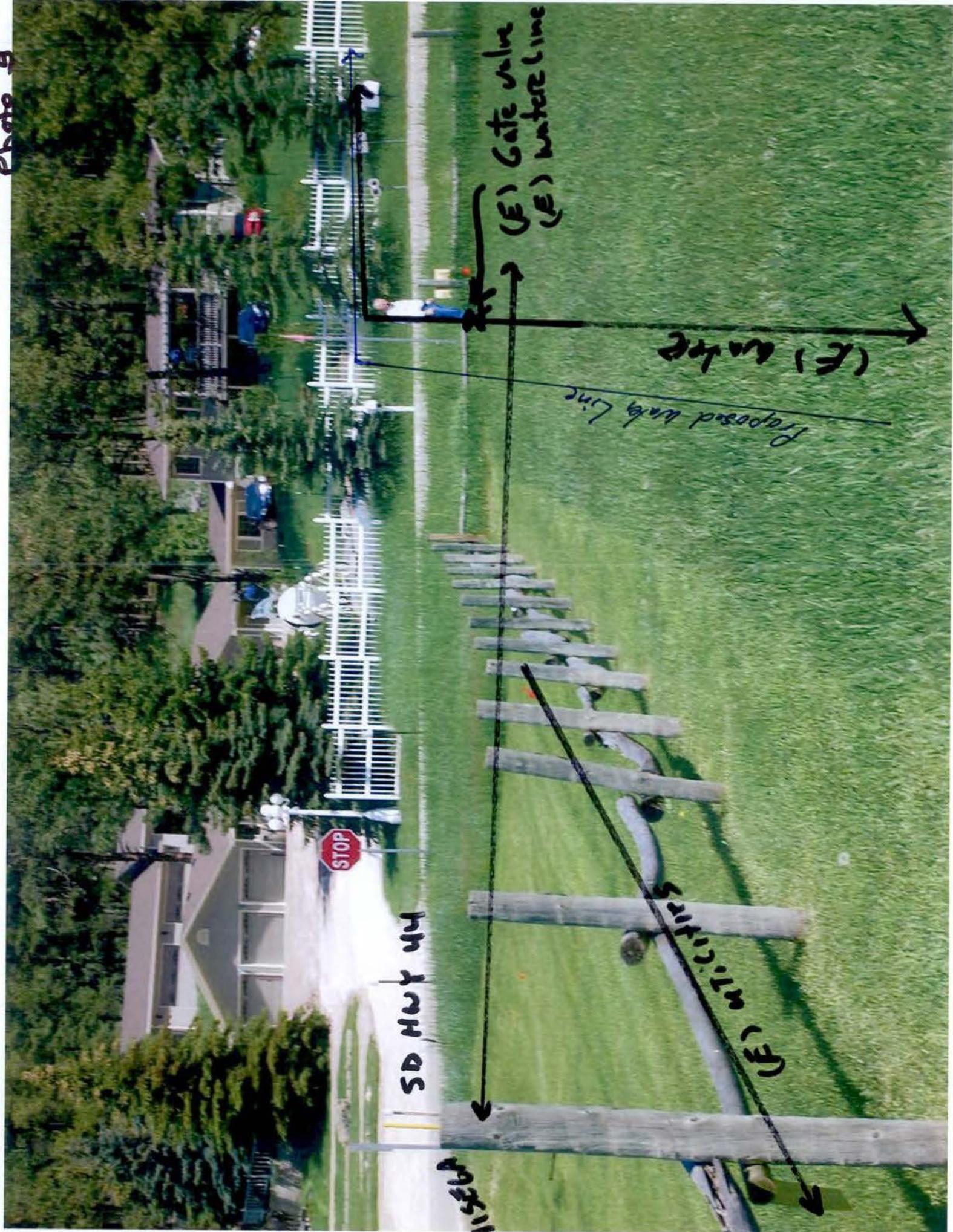
(E) Utilities

Proposed water

(E) Water

(E) Gate valve

Photo 5



SD HWY 44

HILSB

(F) water

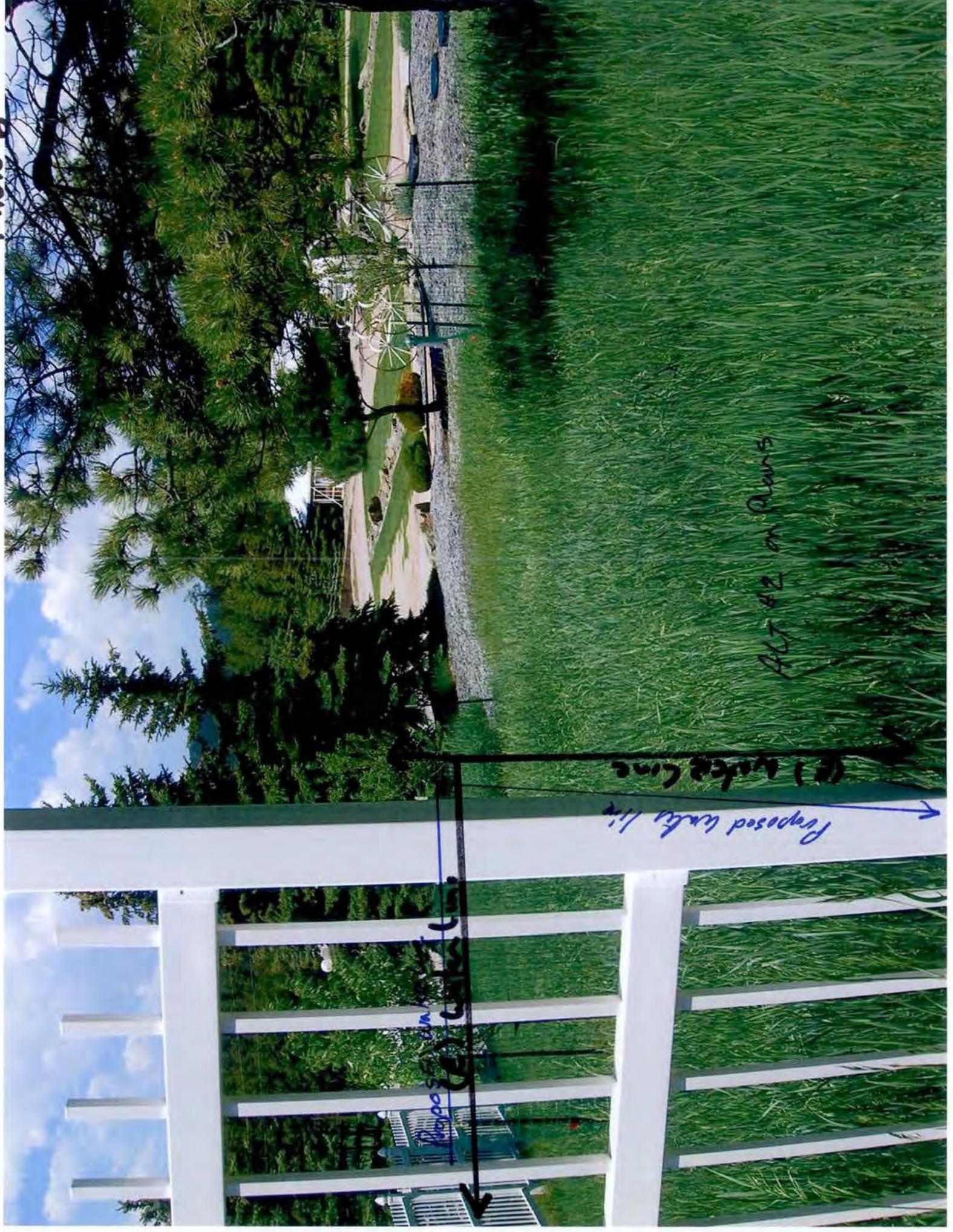
(F) Gate valve
(F) water line

Proposed Water Line

(F) ARTICLES

STOP

Photo 6



Proposed water line

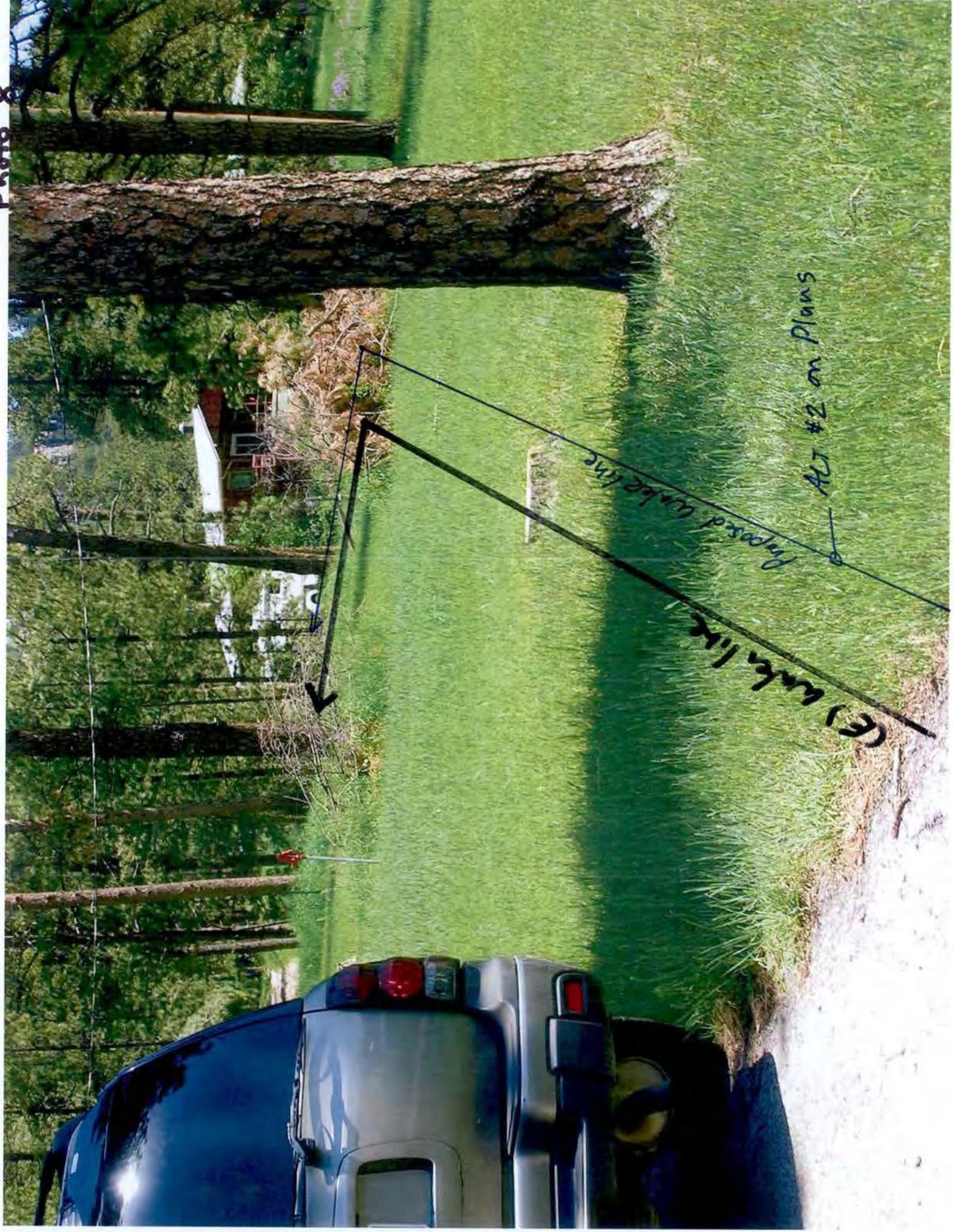
ACT #12 on Plans

Proposed water line

Photo 7



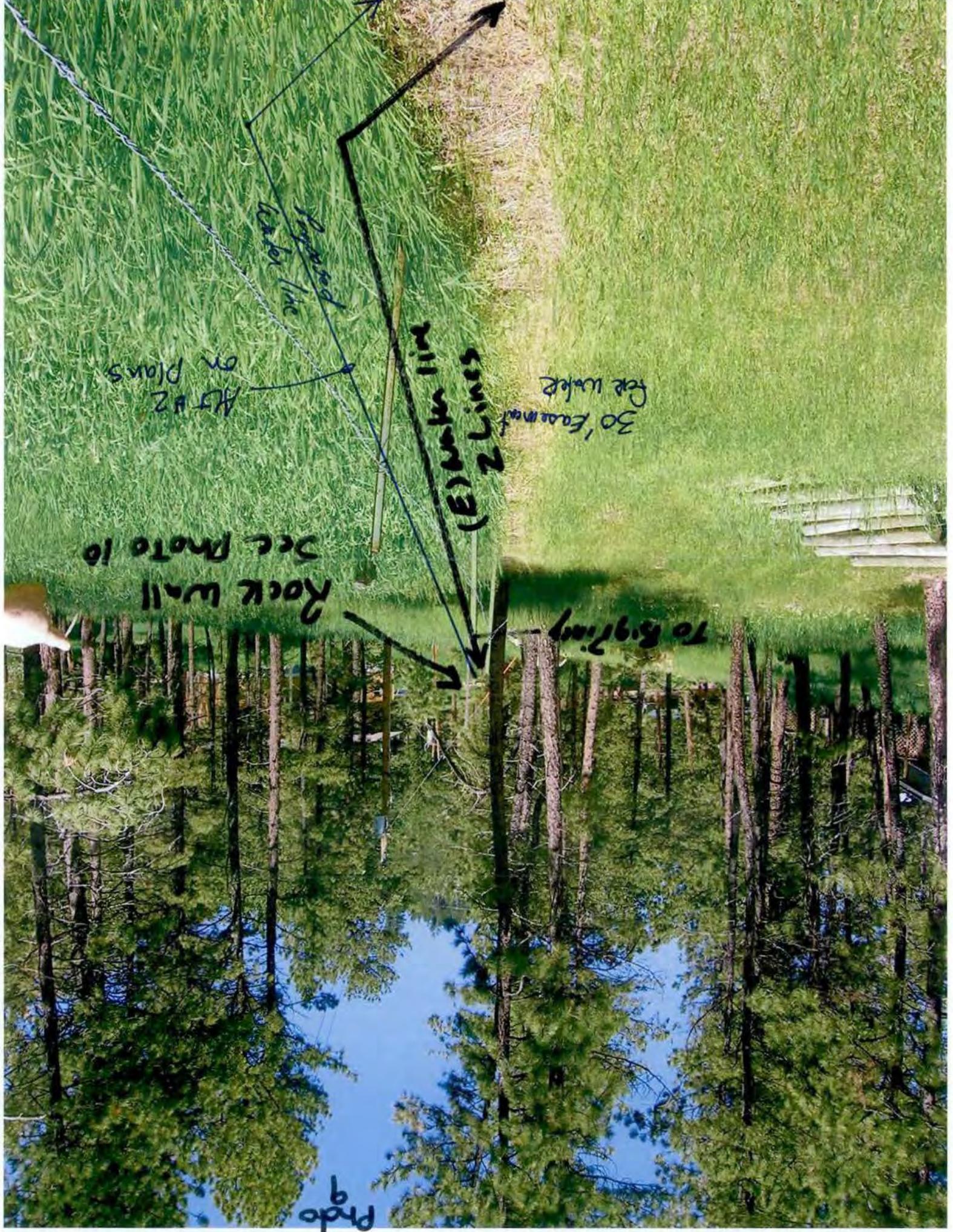
Photo 8



Proposed work line

(E) work line

ACT #2 on Plans



Proposed
Center line

ALT #2
on Plans

50' (2 Lines)
min setback

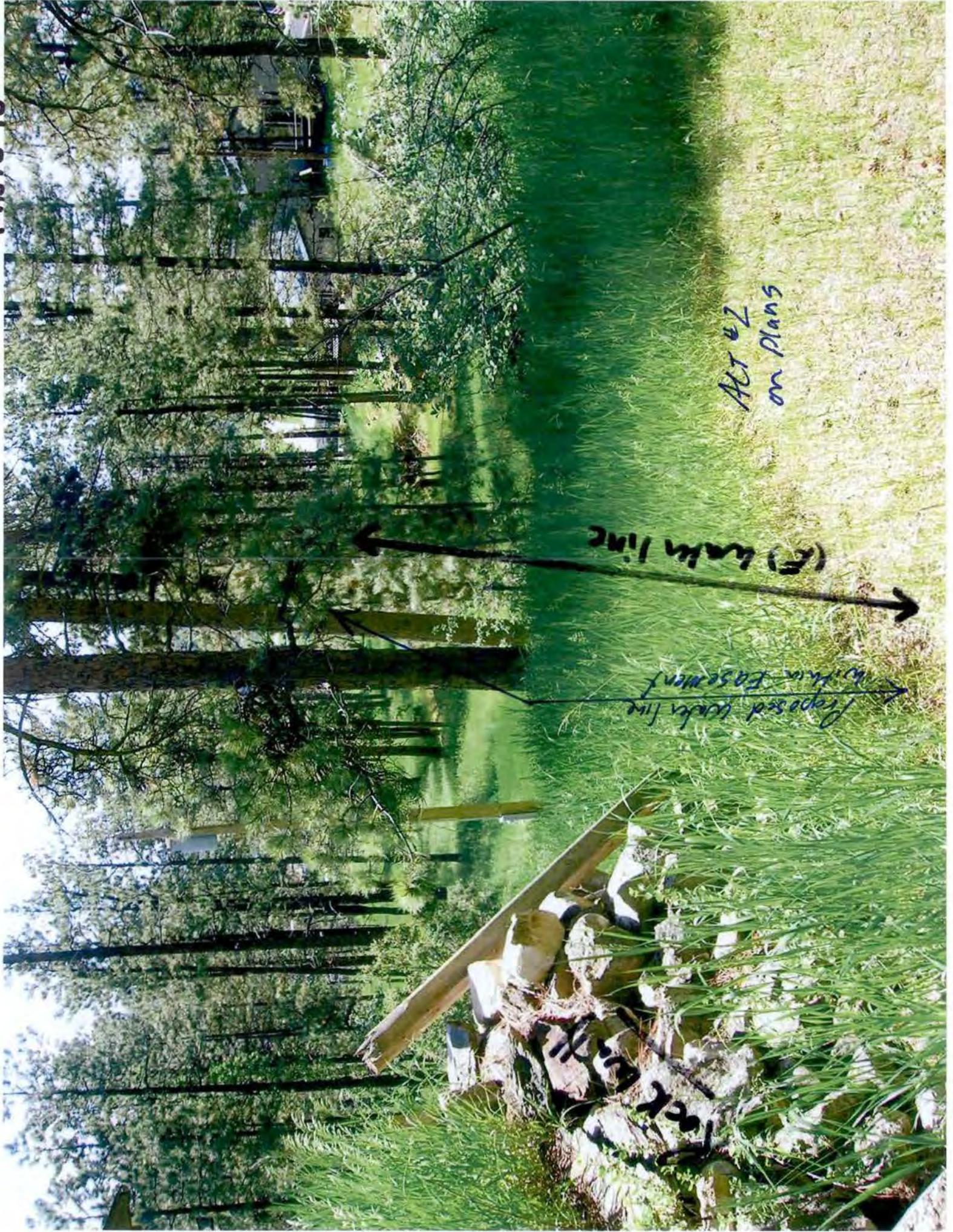
30' Easement
for water

Rock wall
See Photo 10

To Biggins

Photo 9

Photo 10



ACT #2
on Plans

(F) Water line

Proposed water line
Water Easement

TERT LIX



Proposed Big Pinery water line

(E) water line Big Pinery

(E) boundary

Proposed water line

Access Road

Underground Reservoir

Rock

White Deer in ditch Road

Photo 11

Photo 12

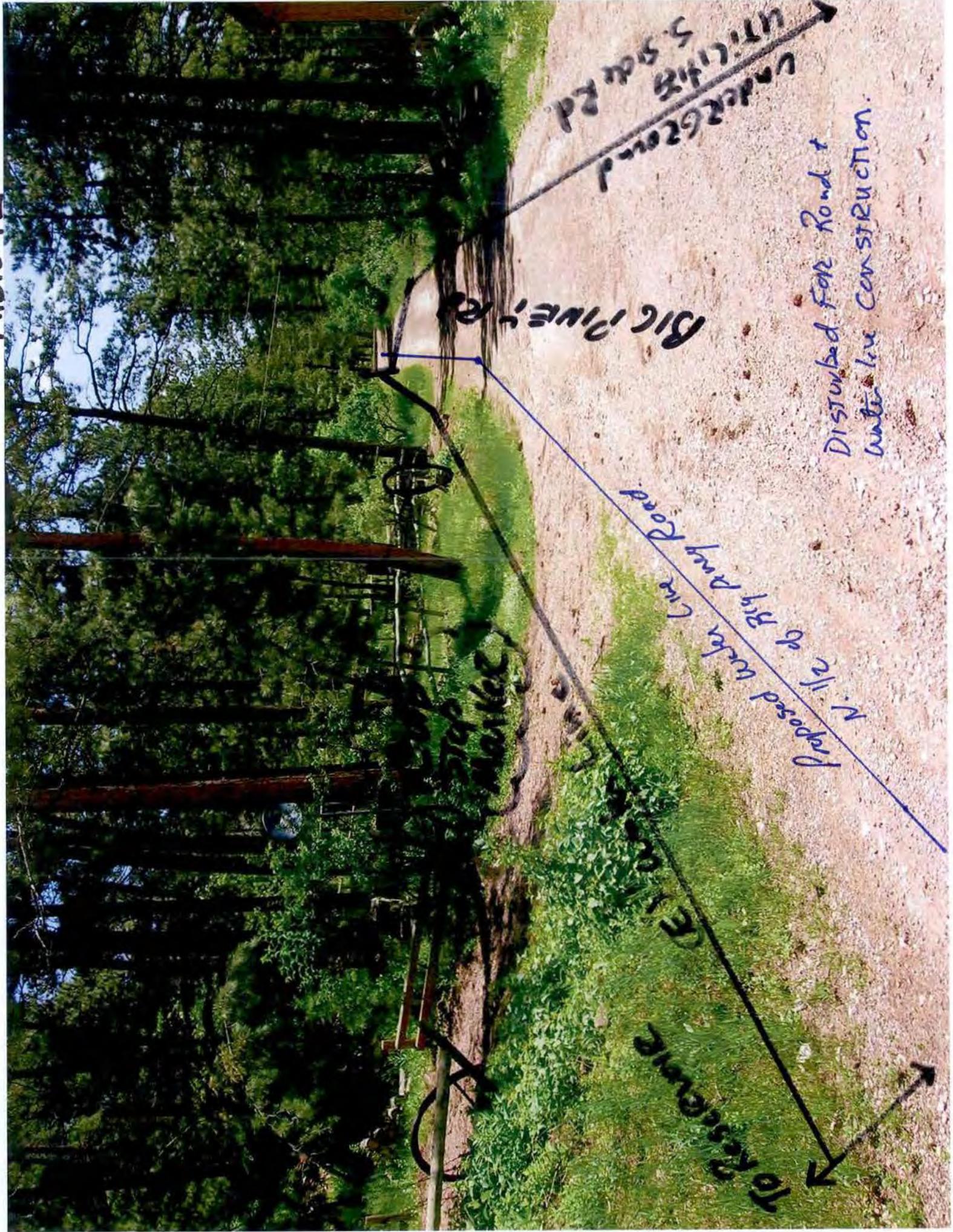
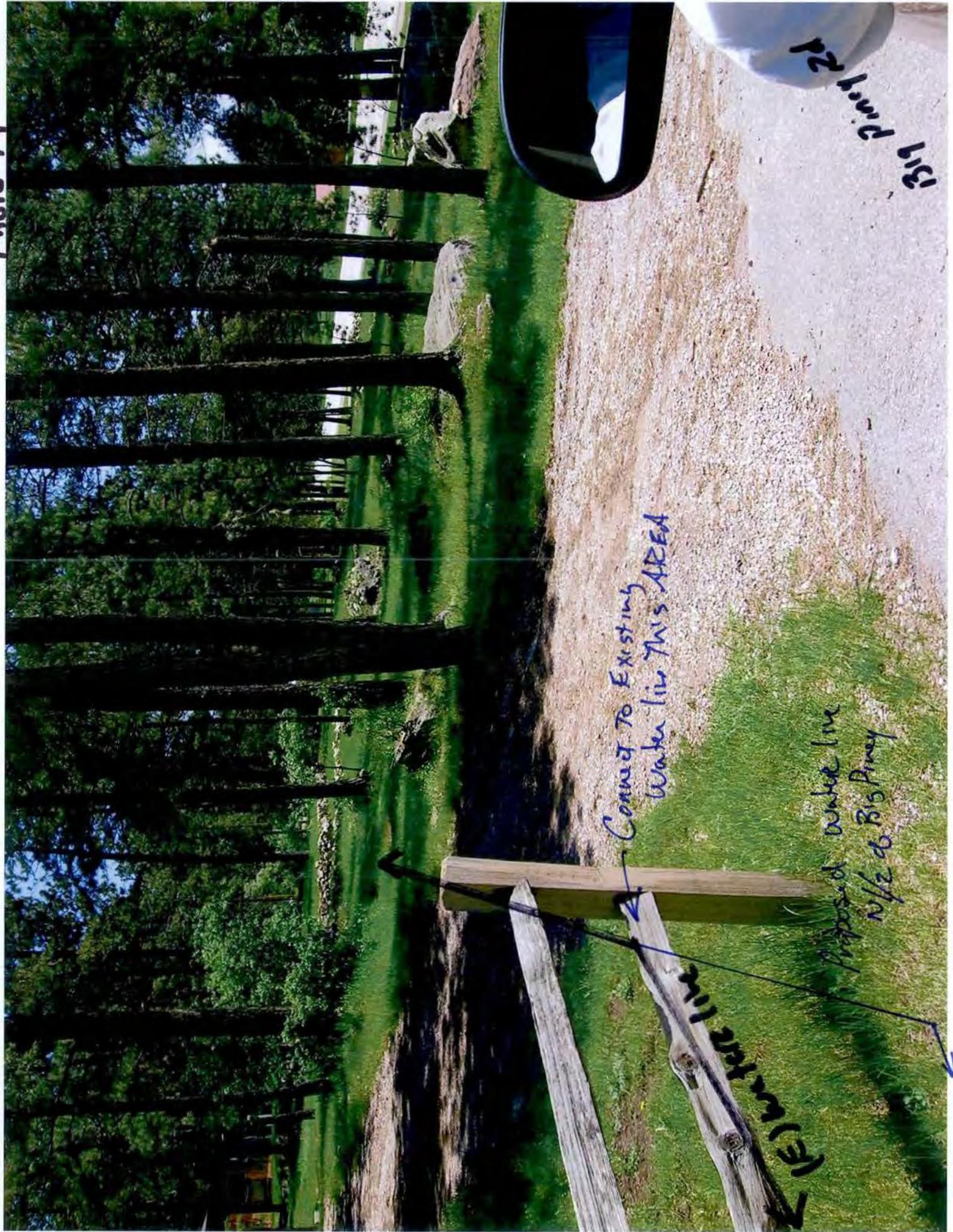


Photo 13





Connect to Existing
Water line THIS AREA

Proposed water line
N/E of Bis Pines

(E) water line

Bis Pines 21

WRAP REVIEW SHEET
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF EAGLE BUTTE

Project Title:	Water System Improvements – Distribution System
Funding Requested:	\$725,000
Other Proposed Funding:	None
Total Project Cost:	\$725,000
Project Description:	Construction of new water lines and the replacement of asbestos cement water mains.
Alternatives Evaluated:	<p>The “No Action” alternative was evaluated and rejected. The existing lines are aging with water loss and pressure issues.</p> <p>The second alternative is to replace the remaining asbestos cement water mains. This alternative was chosen.</p> <p>A new water line will be constructed on the north side of the city to loop the system and provide water service to residences and businesses that are not currently served by the city. A water line will also be constructed on the west side of the city to provide a loop in the distribution system.</p>
Implementation Schedule:	The city anticipates bidding the project in the winter of 2014 with a project completion by the end of the 2015 construction season.
Service Population:	1,318
Current Domestic Rate:	\$36.35 per 5,000 gallons/usage
Proposed Domestic Rate at Project Completion:	\$38.20 per 5,000 gallons/usage
Interest Rate:	0.0%
Term:	30 years
Security:	Water Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Eagle Butte would need to enact a surcharge of \$1.85. When added to the current rate of \$36.35/5,000 gallons, residents would pay \$38.20/5,000 gallons

25% Funding Subsidy: \$181,250 subsidy with a loan of \$543,750.

Coverage at 25% Subsidy: Based on a 25 percent subsidy and a loan of \$543,750, Eagle Butte would need to enact a surcharge of \$1.39, thereby paying a rate of \$37.74/5,000 gallons.

50% Funding Subsidy: \$362,500 subsidy with a loan of \$362,500

Coverage at 50% Subsidy: Based on a 50 percent subsidy and a loan of \$362,500, Eagle Butte would need to enact a surcharge of \$0.93, thereby paying a rate of \$37.28/5,000 gallons.

75% Funding Subsidy: \$543,750 subsidy with a loan of \$181,250

Coverage at 75% Subsidy: Based on a 75 percent subsidy and a loan of \$181,250, Eagle Butte would need to enact a surcharge of \$0.47, thereby paying a rate of \$36.82/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

FINANCIAL REVIEW COMPLETED BY: ELAYNE LANDE

Drinking Water Facilities Funding Application

Consolidated Water Facilities Construction Program (CWFCP) Drinking Water State Revolving Fund Program (DWSRF)

Applicant City of Eagle Butte, South Dakota Address 209 Main St., PO Box 150 Eagle Butte, SD 57625	<h4 style="margin: 0;">Proposed Funding Package</h4> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">CWFCP / DWSRF</td> <td style="width: 20%; text-align: right;">\$725,000</td> </tr> <tr> <td>Local Cash</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Other</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Other</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Other</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$725,000</td> </tr> </table>	CWFCP / DWSRF	\$725,000	Local Cash		Other		Other		Other		TOTAL	\$725,000
CWFCP / DWSRF	\$725,000												
Local Cash													
Other													
Other													
Other													
TOTAL	\$725,000												
Subapplicant DUNS Number 02791523													

Project Title: City of Eagle Butte Water System Distribution Improvements

Description:

The City of Eagle Butte proposes to receive additional funding to construct water distribution system improvements to improve reliability and operational efficiency to the existing water system. The project is being undertaken to improve aging systems through the construction of approximately 7,050 feet of new 6-inch PVC main to extend water service to a new area, approximately 2,080 feet of 8-inch PVC to replace aged asbestos-cement water main, and all necessary appurtenances related to the water main system. The current water rate for residential customers of the City of Eagle Butte is \$30.00 per month plus \$6.35 per 1,000 gallons above 4,000 gallons per month. The City of Eagle Butte maintains reserve funds for debt service for replacement (depreciation reserve), and for capital improvements. The project will also correspond with another Community Access Grant on Main Street. The Community Access project did not include full depth asphalt removal however, so those costs have been associated with this project.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Verzella LaPlante, Mayor

Name & Title of Authorized Signatory (Typed)

Verzella LaPlante
Signature

06/30/2014

Date

Professional Consultants

Application Prepared By: Central South Dakota Enhancement District

Contact Person: Emeline Post

Mailing Address: PO Box 220

City, State, and Zip: Pierre, SD 57501

Telephone Number: (605)773-2781

Fax: (605) 773-2784

Email address: emeline@csded.org

Consulting Engineering Firm: DeWild Grant Reckert and Associates Company

Contact Person: Trent Bruce

Mailing Address: 2909 East 57th Street, Suite 101

City, State, and Zip: Sioux Falls, SD 57108

Telephone Number: 605-339-4157

Fax: 605-339-4175

Email address: tbruce@dgrnet.com

Legal Counsel's Firm: Bennett, Main and Gubbrud P.C.

Legal Counsel: Dwight Gubbrud

Mailing Address: 618 State Street

City, State, and Zip: Belle Fourche, SD 57717

Telephone Number: (605) 892-2011

Fax:

Email address: bellelaw@bellelaw.com

This section applies only to political subdivisions

Bond Counsel's Firm: Meierhenry Argent, LLP

Bond Counsel: Todd Meierhenry

Mailing Address: 315 S Phillips Ave

City, State, and Zip: Sioux Falls, SD 57104

Telephone Number: (605) 336-3075

Fax: (605) 336-2593

Email address: todd@meierhenrylaw.com

BUDGET SHEET Water Distribution

Cost Classification	A CWFCP / DWSRF	B	C	D	E	Total Funds
1. Administrative Expenses						
A. Personal Services						
B. Travel						
C. Legal including Bond Counsel	\$22,000.00					\$22,000.00
D. Other publishing, audits, admin. assistance, etc.	\$5,000.00					\$5,000.00
2. Land, Structure, Right-of-Way						
3. Engineering						
A. Bidding and Design Fees	\$14,000.00					\$14,000.00
B. Project Inspection Fees	\$83,000.00					\$83,000.00
C. Other Geotechnical	\$31,000.00					\$31,000.00
4. Construction and Project Improvement	\$480,000.00					\$480,000.00
5. Equipment						
6. Contractual Services						
7. Other						
8. Other						
9. Subtotal (Lines 1-8)	\$635,000.00					\$635,000.00
10. Contingencies	\$90,000.00					\$90,000.00
11. Total (Lines 9 and 10)	\$725,000.00					\$725,000.00
12. Total %	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Columns A - E: Identify each funding source and enter the amounts budgeted by cost category.

Comments: Figures have been rounded and figured to coincide with an existing drinking water loan.

Method of Financing

Source Header	Secured Funds	Unsecured Funds (Date Anticipated)
Local Cash (Identify Source)		
Other (Explain) CWFCP/DWSRF _____		\$725,000.00 Sept 2014
Other (Explain) _____		
TOTAL		\$725,000.00

Comments:

This will be additional funding to be utilized for the Water Distribution project that includes loan and loan forgiveness already secured by DENR ID C462148-02.

7.3.1 Repayment Information

Interest rate and term you are applying for: _____⁰ %, _____³⁰ years.

What security is being pledged toward the repayment of this loan?

(Political Subdivisions Only)

- 1. General Obligation bond (requires bond election)
- 2. Water Revenue bond
- 3. Project Surcharge Revenue bond
- 4. Sales Tax Revenue bond

7.3.2 Documents That Must Be Submitted With The Application

Financial Documents

1. Most recent audit or unaudited financial statement to include specific accounting of pledged funds.
2. Current year's budget.

Planning and Legal Documents

1. Governing user charge ordinance or resolution and its effective date.
2. Resolution of authorized signatory for submission of the Drinking Water SRF application and signing of payment requests. This resolution must also include the maximum loan amount requested, interest rate and term being applied for, description of proposed project, and security pledged towards repayment of the loan.
3. Facilities Plan (8.3.18).
4. Capacity Assessment Worksheets (section 8.3.16).

Items 5-7 apply to Nonprofit Entities only

5. By-laws
6. Articles of Incorporation
7. Certificate of Good Standing from Secretary of State

7.3.3 General Information

The month and day your fiscal year begins: January 1st

Population Served

2010 Census, 1349 2013 Population Estimate, US Census

Current 1,318 2000 619 1990 489

Top Five Employers Within 30 Miles	Number of Employees	Type of Business
<u>Cheyenne River Sioux Tribe*</u>	<u>600</u>	<u>Government</u>
<u>Cheyenne-Eagle Butte School System*</u>	<u>200</u>	<u>Education</u>
<u>IHS Hospital-Eagle Butte*</u>	<u>145</u>	<u>Health Care</u>
<u>Lakota Thrifty Mart*</u>	<u>77</u>	<u>Retail</u>
<u>Dupree School System</u>	<u>64</u>	<u>Education</u>

Please indicate employers within boundary of issuing entity with an asterisk (*).

7.3.4 Drinking Water Utility Information

Current Water Utility Debt

Year	2013	2013					
Purpose	Water Meter system	Water Distribution					
Security Pledged	Water Surcharge	Water Surcharge					
Amount	\$118,600.00	\$248,800.00					
Maturity Date (mo/yr)	01/2023	01/2033					
Debt Holder	BWNR	BWNR					
Debt Coverage Requirement	110%	110%					
Avg. Annual Required Payment	\$11,860.00	\$8,293.32					
Outstanding Balance	\$111,293.00	\$24,200.00					

Use additional sheets if more room is required to list all current water utility debt.

Drinking Water Utility Cash Flow

Fiscal Year	Prior Year 2012	Prior Year 2013	Current Year 2014 Budget	Future Year # 2017
OPERATING CASH FLOW				
Water Sales	\$738,151	\$653,783.73	\$644,138.46	\$590,730.00
Surcharge Fee		\$15,291.20	\$30,861.54	\$54,270.00
Other (Explain) <u>Tapping fee/materials sold</u>		\$52,927.07	\$65,000.00	\$65,000.00
<u>Customer Deposits Received/Late fees</u>	\$6,725	\$4,492.00		\$5,000.00
OPERATING PAYMENTS				
Personal Services	(\$115,278)	(\$147,759.00)	(\$155,000.00)	(\$159,650.00)
Chemical, Material & Supplies	(\$482,112)	(\$414,765.73)	(\$436,000.00)	(\$400,000.00)
Electric & Other Utilities		(\$10,099.91)	(\$10,000.00)	(\$10,100.00)
Other (Explain) <u>Repairs & Maintenance</u>		(\$7,035.10)	(\$14,000.00)	(\$17,000.00)
<u>Rental/Services and Fees</u>		(\$58,141.37)	(\$7,000.00)	(\$7,000.00)
NET CASH FROM OPERATIONS	\$147,486	\$88,692.89	\$118,000.00	\$121,250.00
NONOPERATING CASH FLOW				
Interest Income		\$5,011.23	\$0.00	\$5,000.00
Other Revenue (Explain) <u>Grant</u>	\$8,000.00			
Transfers In (Explain) _____				
Fixed Asset Sale (Explain) _____				
Transfers Out (Explain) _____				
Fixed Asset Purchases (Explain) _____				
Debt Payment (Principal Only)				(\$44,320.00)
Debt Payment (Interest Only)				
Other Expenses (Explain) <u>Engineering</u>	(\$57,961.00)			
NET CASH FROM NONOPERATING	(\$49,961)	\$5,011.23	\$0.00	(\$39,320.00)
Net Increase (Decrease) in Cash	\$97,525	\$93,704.12	\$118,000.00	\$81,930.00
Beginning Cash Balance	\$289,071	\$386,596.00	\$480,300.12	\$500,000.00
Ending Cash Balance	\$386,596	\$480,300.12	\$598,300.12	\$581,930.00
RESTRICTED BALANCE	\$0	\$0.00	\$0.00	\$0.00
UNRESTRICTED BALANCE	\$386,596	\$480,300.12	\$598,300.12	\$561,250.00

Future Year: First full year after project completion.

Does not include the construction costs and draw downs for the loan that were ongoing in 2013+ that were

Restricted Funds Breakdown:

<u>Amount</u>	<u>Anticipated Expense</u>	<u>Method Used to Encumber</u>
\$0.00		

Water Fees:

Attach current and proposed rate ordinances or resolutions and rate schedules.

Municipal or Sanitary District - monthly rates at 5,000 gallons (670 cubic feet)

Other Community Water System - monthly rates at 7,000 gallons (935 cubic feet)

Check one: Incorporated Municipality or Sanitary District

or

Other Community Water System

Monthly:	<u>Current Rate</u>	<u>Proposed Rate</u>	<u># of Accounts</u> <small>/unit</small>	<u>Average use</u> <u>gallons/cubic feet</u>
Domestic	\$36.35	* \$38.20	778	6,242
Business	\$36.35	* \$38.20	307	13,583
Other: 'Cycle 3'	\$36.35	* \$38.20	117	10,867

'Cycle 3' is a classification of BIA and other commercial/non-residential users.

Are fees based on usage or flat rate? Usage

When is proposed fee scheduled to take effect? *

When did the current fee take effect? June 1, 2012

What was the fee prior to the current rate? \$36.35 (January 1, 2012)

Attach current and proposed rate ordinances or resolutions and rate schedules.

<u>Five Largest Customers</u>	<u>Type of Business</u>	<u>% of System Revenues</u>
<u>Cheyenne Housing Auth.-Elderly Manner</u>	<u>Nursing Home</u>	<u>1%</u>
<u>Cheyenne River Motel</u>	<u>Motel</u>	<u>1%</u>
<u>Walter Minor Law Enforcement</u>	<u>Law Enforcement</u>	<u>1%</u>
<u>BIA School</u>	<u>Education</u>	<u>0%</u> <1%
<u>Black Hills Dialysis, LLC</u>	<u>Health Care</u>	<u>0%</u> <1%

*As the scope of the project may shift dependent on obtaining funding, the proposed fee is not scheduled to take effect on a specific date.

7.3.5 Property Tax Information N/A

(Complete only if General Obligation bond is pledged to repay your loan.)

Three year valuation trend:

Year	_____	_____	_____
Assessed Valuation	_____	_____	_____
Full & True Valuation	_____	_____	_____

Three year levies and collection trend:

Year	_____	_____	_____
Amount Levied	_____	_____	_____
Collected	_____	_____	_____
Penalties/Interest	_____	_____	_____
Late Payments	_____	_____	_____

Five Largest Taxpayers	Description	Assessed Valuation
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Comments:

List all current debt secured by General Obligation bond: N/A

Year				
Purpose				
Security Pledged				
Amount				
Maturity Date (mo/yr)				
Debt Holder				
Debt Coverage Requirement				
Avg. Annual Required Payment				
Outstanding Balance				

Use additional sheets if more room is required to list all current G.O. debt.

Comments:

List all current debt secured by sales tax: N/A

Year Issued

Purpose

Amount

Maturity Date
(mo/yr)

Debt Holder

Debt Coverage
Requirement

Avg. Annual
Required
Payment

Outstanding
Balance

Use additional sheets if more room is required to list all current sales tax debt.

Comments:

7.3.7 Facilities Plan Checklist.

Before submitting the application, please take a few moments to complete the following checklist. Addressing these items prior to submitting the application will expedite the review process

Checklist of SRF Facilities Plan Requirements	
Have the following items been addressed?	
◆ Submission of a Facilities Plan to the department that addresses those items found in section 8.3.18.	× _____
◆ A public hearing held discussing the project and the use of an SRF loan to finance the project. (See section 8.3.15)	× _____
◆ Minutes of the public hearing prepared and submitted to the department for inclusion into the final Facilities Plan.	× _____
◆ The affidavit of publication of the public hearing received and submitted to the department for inclusion into the final Facilities Plan. (See section 8.3.15)	see attached × _____
◆ The four review agencies contacted and responses received for inclusion into the final Facilities Plan. (See section 8.3.18)	× _____
◆ The Cultural Resources Effects Assessment Summary and supporting documentation, such as an archaeological survey or Historic Register database search. (See section 8.3.20)	Would have been previously completed _____

7.3.8 Certification of Drinking Water Needs Categories

Identify the loan amount associated with the needs category or categories described below. If the loan addresses needs in more than one category, please break down the total amount into estimated amounts for each category.

Definition	Loan Amount
<u>Transmission/Distribution</u>	\$725,000.00
<u>Treatment</u>	
<u>Storage</u>	
<u>Source</u>	
<u>System Purchase</u>	
<u>Restructuring</u>	
<u>1452(k) Loan Activities</u>	
1. To acquire land or a conservation easement for source water protection.	
2. To implement voluntary, incentive-based source water quality protection measures.	
TOTAL	\$725,000.00

Verzella LaPlante, Mayor

Name of Applicant

Verzella LaPlante

Signature of Authorized Representative

06/30/2014

6-30-14

Date

7.3.9 Preaward Compliance Review

FORM Approved By OMB: No. 2030-0020 Expires 12-31-2011

United States Environmental Protection Agency Washington, DC 20460 Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance Note : Read instructions on other side before completing form.		
I. Applicant/Recipient (Name, Address, State, Zip Code). City of Eagle Butte, SD, 209 Main Street, PO Box 150, Eagle Butte, SD 57625	DUNS No. 02791523	
II. Is the applicant currently receiving EPA assistance? No		
III. List all civil rights lawsuits and administrative complaints pending against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.) No		
IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that allege discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective action taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7. See instructions on reverse side.) No		
V. List all civil rights compliance reviews of the applicant/recipient conducted by any agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3)). No		
VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below. Yes a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b). b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. § 7.70) applies.		
VII.* Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its programs or activities? (40 C.F.R. § 5.140 and § 7.95) Yes a. Do the methods of notice accommodate those with impaired vision or hearing? No b. Is the notice posted in a prominent place in the applicant's offices or facilities or, for education programs and activities, in appropriate periodicals and other written communication? Yes c. Does the notice identify a designated civil rights coordinator? Yes		
VIII.* Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or handicap of the population it serves? (40 C.F.R. § 7.85(a)) Yes		
IX.* Does the applicant/recipient have a policy/procedure for providing access to services for persons with limited English proficiency? (40 C.F.R. Part 7, E.O. 13166) No		
X.* If the applicant/recipient is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator. N/A		
XI* If the applicant/recipient is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or Internet address for, or a copy of, the procedures. N/A		
For the Applicant/Recipient I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized Official 	B. Title of Authorized Official Mayor	C. Date 6/30/2014
For the U.S. Environmental Protection Agency I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.		
A. Signature of Authorized EPA Official See ** note on reverse side.	B. Title of Authorized EPA Official	C. Date

7.3.10 Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 U.S.C. §1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Verzella LaPlante, Mayor

Name & Title of Authorized Representative



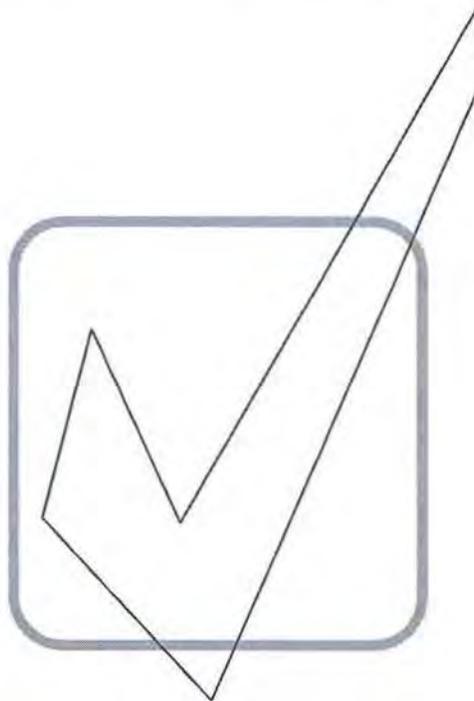
Signature of Authorized Representative

Jun 30, 2014

Date

___ I am unable to certify to the above statements. Attached is my explanation

**8.3.16 Capacity Assessment Worksheets
for
Public Water Systems**



**Department of
Environment and Natural Resources**

Revised January 2007

Introduction

Because you are in the process of applying for a Drinking Water State Revolving Fund (DWSRF) loan, it is necessary for you to complete the following worksheets. The Safe Drinking Water Act requires that a system applying for a DWSRF loan must demonstrate that it has financial, managerial, and technical capacity. What exactly does that mean?

- **Technical capacity** - the physical infrastructure of the water system, including but not limited to the source water adequacy, infrastructure adequacy, and technical knowledge. In other words, does your treatment system work the way it is supposed to? Are you providing the safest and cleanest water possible and required by law to your customers right now, and will you be able to in the future?
- **Managerial capacity** - the management structure of the water system, including but not limited to ownership accountability, staffing and organization, and effective linkages. In simpler terms, do you have a capable and trained staff? Do you have an effective management structure?
- **Financial capacity** - the financial resources of the water system, including but not limited to the revenue sufficiency, credit worthiness, and fiscal controls. Basically, does your system have a budget and enough revenue coming in to cover costs, repairs, and replacements?

If it is determined that your system does NOT have the required capacity, you may still qualify for a DWSRF loan if it is going to be used to ensure that your system will have the necessary capacity. If you have questions while completing the following worksheets, please call our office at (605) 773-3754, and we will be happy to help.

After DENR receives these worksheets, we will study them and other information located in our files to make a determination whether or not your public water system has the technical, financial, and managerial capacity to be eligible to apply for a DWSRF loan. A final report will be available upon completion of the analysis.

Applicant: City of Eagle Butte, South Dakota

Prepared by: Emeline Post, Planner CSDED
Jon Ganje, Public Works Director Eagle Butte
Sheila Ganje, Finance Officer Eagle Butte

Phone #: 773-2781 (CSDED); 852-2716 (Finance Officer)

Date: 6/30/2014

The Technical Portion of your System

Your Water Supply

Please check the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. **If a section or question does not apply to your system, please check NA for not applicable.**

Water Supply and Existing Demands	Yes	No	Unknown	NA
Do you know how much water you pump on an average day? Amount: <u>265,000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how much water you pump on a peak day? Amount: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you know the maximum amount of water you can pump from your source? Amount: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is your source capacity higher than your peak day demand? Percentage higher or lower: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you meet peak demand without pumping at peak capacity for extended periods? Longest time pumping at peak demand: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you been able to provide adequate volumes of water during drought cycles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you had to restrict usage at any time for any reason? Please specify: <u>Yes, wholesale provider outage.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have an emergency or supplemental water supply? Please specify: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have an Emergency Response Plan that will allow you to meet system demand during a drought or shortage, such as the loss of the largest source? If yes, please attach.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Demand	Yes	No	Unknown	NA
Do you know whether your system demands will be growing, declining, or remain stable over the next ten years? Please check: <input checked="" type="checkbox"/> growing , <input type="checkbox"/> declining , or <input type="checkbox"/> stable .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your source have additional water available for appropriation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have a water right? Water right permit number(s): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If you have large commercial, industrial, or irrigation users, do you know their long-term plans and understand their needs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Purchased Water	Yes	No	Unknown	NA
If you purchase water from another system or a wholesaler, do you know their long-term plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a contract to purchase water? If yes, with whom? _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you currently staying within your contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are you knowledgeable about other demands being placed on the same water source that you are using?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Alternative Sources	Yes	No	Unknown	NA
Are alternative water sources possibly available to you?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you knowledgeable of the characteristics and costs of using alternative sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Source	Yes	No	Unknown	NA
Do you know the depth of your well? <i>Depth</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you know the geologic name of the aquifer system from which your water is drawn? <i>If yes, geologic name:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are all abandoned water sources properly managed and disconnected to prevent accidental contamination or problems with current water system facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment - Microbiological Contamination

Is your system using surface water or ground water under the influence of surface water? yes no

(If you checked "no", skip to the next section - Ground Water Systems - unless your water system requires treatment other than just disinfection.)

Surface Water Systems

Filtration Plant Condition	Yes	No	Unknown	NA
Is your filter plant in good physical condition (free from spalling concrete, peeling paint)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If constructed more than 20 years ago, have treatment processes been upgraded to meet current standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are repair parts available?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have redundancy (back-ups/automatic switch-overs) for all major mechanical units? <i>If no, list units you do NOT have redundancy for:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can your plant achieve a filtered water turbidity of 0.3 NTU?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have on-line continuous turbidimeters on each filter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you adopted a turbidity goal lower than the standard? <i>If yes, list goal:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have the capability to add coagulant before the filter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ground Water Systems

Ground Water Under the Influence of Surface Water	Yes	No	Unknown	NA
Is your water free from variations in turbidity and temperature after storm events?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Well Construction and Protection				

Do you know when your well was constructed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
List year: _____				
Is your well(s) constructed according to current South Dakota regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you have a source water protection plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is your wellhead finished with a pitless adapter that will prevent contamination from surface water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Disinfection

Do you disinfect? yes no (If "no", skip to the Infrastructure - Pumping section)

Disinfection	Yes	No	Unknown	NA
Do you regularly inspect and maintain your disinfection / chlorination equipment? Type of Equipment: _____ How often? _____ Disinfectant used: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have back-up equipment? Type: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have adequate contact time following disinfection and before the first user in the distribution system (30 minutes for ground water systems)? Contact time: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you detect a chlorine residual at taps at the ends of the distribution system? Free Chlorine Residual: _____ Total Chlorine Residual: _____ (if using chloramines)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Disinfection By-Products

Treatment for the Control of Disinfection By-Products	Yes	No	Unknown	NA
If you treat surface water, are you already practicing or could you adopt "enhanced coagulation" in your current plant?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If you treat surface water, could you still meet current contact-time requirements if disinfection were not allowed before sedimentation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Treatment - Security

Treatment Security	Yes	No	Unknown	NA
Has the system implemented procedures to improve security of its facilities? (i.e. limiting access to sensitive sites, protecting computer and control equipment etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are chemicals used for treatment properly stored and secure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the water system track chemical usage? (i.e. a sudden	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

increase in usage may signal potential contamination or tampering.

Infrastructure - Pumping All pumping is done by Tri-County Water

Condition of Pumping Equipment	Yes	No	Unknown	NA
Do you routinely inspect for signs of pump or pump motor problems? <i>How often:</i> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Once diagnosed, are problems corrected in a timely enough manner to avoid crisis financing, costly repairs, and unscheduled downtime?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you hire a qualified pump contractor to perform an inspection of all pumping equipment, identify potential problems, and perform maintenance, on an annual basis?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Standby/Emergency Power Equipment	Yes	No	Unknown	NA
Is there sufficient standby/emergency power capacity to supply 100% of the average daily demand of the system (excluding fire demand)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are any existing standby/emergency power equipment, controls and switches tested or exercised routinely under load conditions, for at least 30 minutes at a time?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the local electric utility been made aware of the standby/emergency power provisions made by the water system, so that they can reinforce and safeguard the electrical facilities serving the water operations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Infrastructure - Storage

Storage Capacity	Yes	No	Unknown	NA
Does the system have sufficient gravity-flow (non-pumped) or emergency generator-supported pumping capability to ensure adequate distribution storage to provide safe and adequate service for up to 24 hours without power? <i>If no, how long:</i> _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there reserve capacity in the tank for fire protection support? <i>Amount:</i> _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Measures	Yes	No	Unknown	NA
Are any openings, such as vent pipes, screened to protect against the entrance of small animals, birds, and small insects?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are access hatches locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank and the immediate surrounding area fenced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Systems	Yes	No	Unknown	NA
Is there a high and low water level signal system to control the pumps?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Is there a drain valve or hydrant to allow for draining of the tank?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tank Maintenance				
Is the tank inspected at least every three years by a qualified tank contractor for evidence of corrosion or pitting, leakage, and structural weakness?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the tank contractor capable of analyzing the coating of paint on the interior and exterior surfaces of the tank to determine if it contains lead or other hazardous materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Infrastructure - Distribution

System Maintenance	Yes	No	Unknown	NA
Do you have an accurate map of your distribution system that indicates main sizes and valve locations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the operator routinely flush, test, and maintain the hydrants in the system? <i>How often:</i> Systematically throughout city over approx. 5 yr period	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the locations of valves in the mains and curb stops on the service lines precisely known?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system keep a log of distribution system breaks to identify weak areas in the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are histories, locations, size, and type of mains and service lines detailed on records in a secure area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all valves exercised and lubricated periodically?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the system free of severe "water hammer" problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are meter pits, pressure regulating valves, altitude valves, blow-offs, and other appurtenances maintained on a regular basis?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unaccounted-for Water				
Is unaccounted-for water in the water system monitored and analyzed each month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the unaccounted-for water less than 15 percent of the total water delivered to the mains? <i>List percentage of unaccounted for water: < 10 %</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality in Distribution System				
Are the normal operating pressures in the distribution system between 25 psi and 125 psi? <i>Normal operating pressure: 32 - 55 psi</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a routine leak detection and repair program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all sources of supply and customers metered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the meters calibrated and tested routinely to ensure their accuracy and reliability?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have an active cross-connection control program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are any inspections for cross-connections performed? Time of construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program for installing and testing backflow prevention devices where potential contamination is present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to eliminate "dead-ends" in the mains, where feasible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Standards	Yes	No	Unknown	NA
Are the majority of your mains 6 inches in diameter or larger? List percentage: >90%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a program to gradually replace sub-standard sized mains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there suitable rights-of-way and easements provided to the water system for expansion, maintenance, and replacement of mains and services?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there sufficient earth cover (six feet) to protect the mains from frost damage or heavy loads, if driven over?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are materials of mains designed and selected to resist corrosion, electrolysis, and deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distribution System Problems	Yes	No	Unknown	NA
Do you receive any complaints regarding water quality (taste, odor, color, etc.)? List number of complaints/year: Rarely, in Spring Most common complaint: Coloring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Can you maintain adequate pressure in the distribution system under all conditions of flow?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Management Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Operation & Maintenance

Operations Staff	Yes	No	Unknown	NA
Does the person operating your system have current water treatment plant and water distribution operator certification credentials from DENR? <i>If yes, list classification(s):</i> <u>Coloring</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Water Distribution, Class II Wastewater Collection Class I Stabilization pond</u>				
Does your operator receive additional training on an ongoing basis to keep current on new developments in the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Future Operational Demands	Yes	No	Unknown	NA
Does your water system obtain any regular or occasional technical assistance from outside sources, such as DENR, your engineer, other utilities or organizations specifically dedicated to providing technical assistance? <i>If yes, who</i> <u>SD Association of Rural Water, DENR, EPA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Management & Administration

Who's in Charge?	Yes	No	Unknown	NA
Is there a clear plan of organization and control among the people responsible for management and operation of the system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system have written personnel policies and job descriptions signed by the employees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the limits of the operator's authority clearly known?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone involved in operations know who is responsible for each area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for scheduling work?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	Yes	No	Unknown	NA
Does the system have procedures for handling new and terminated employees (i.e. collecting keys, changing locks and computer passwords)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rules and Standards	Yes	No	Unknown	NA
Do you have explicit rules and standards for system modifications?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have rules governing new hook-ups?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a water main extension policy?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have standard construction specifications to be followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	Unknown	NA
Do you have measures to assure cross-connection control and backflow prevention?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have policies or rules describing customer rights and responsibilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulatory Compliance Program				
Do you fully understand monitoring requirements and have a scheduling mechanism to assure compliance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know how to obtain clarification or explanation of requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a mechanism to obtain the most recent information on regulatory requirements?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you maintain adequate records to document compliance? <i>If yes, for how long?</i> forever	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any violations of the primary drinking water standards in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system have any monitoring or reporting violations in the last year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you know what to do in the event of a violation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergencies				
Do you have an Emergency Response Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there a contingency for making emergency interconnections to neighboring systems, and do you know they will work if needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does everyone involved in operations know what they are to do in the event of contamination from a toxic hazardous waste spill in your source water or a main break or a tank failure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a clear chain-of-command protocol for emergency action?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is someone responsible for emergency operations, for communications with state regulators, for customer relations, for media relations? <i>If yes, who (title):</i> Finance Officer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety				
Do you have a safety program defining measures to be taken if someone is injured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the entire staff been properly trained in the location and use of safety equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does everyone understand the risks and safety measures involved in handling water treatment chemicals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Do you have written operating procedures for both routine and emergency system operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are you fully aware of Occupational Safety and Health Administration (OSHA) confined space (such as trenches/manholes) regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system work with customers to promote their awareness of security?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the system have a communication plan to alert customers of a natural or intentional threat to public health?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Maintenance	Yes	No	Unknown	NA
Do you have a planned maintenance management system -- a system for scheduling routine preventive maintenance (line flushing, pumps, meters, storage tanks, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a system for assuring adequate inventory of essential spare parts and back-up equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have relationships with contractors and equipment vendors to assure prompt priority service?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have records and data management systems for system operating and maintenance data, for regulatory compliance data, and for system management and administration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Management Capability	Yes	No	Unknown	NA
Are you getting the outside services and technical assistance you need? Do you have adequate legal counsel, insurance, engineering advice, technical/operations assistance, rate case preparation, and financial advice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Financial Portion of your System

Please mark the appropriate box: *Yes*, *No*, or *Unknown* for each section. Please try to determine the answer to every question. ***If a section does not apply to your system, please write NA for not applicable.***

Financial Planning Mechanisms	Yes	No	Unknown	NA
Does your system develop and follow an annual budget that is approved by the governing body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the governing body review a monthly summary of revenues and expenses of the utility system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have within the annual budget separate reserve accounts for equipment replacement, capital improvement, depreciation or security upgrades?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>If so, list</i> <i>accounts:</i> Capital Improvements				
Does the system have reserve funds available in the event of an emergency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a capital budget or capital improvement plan that projects future capital investment needs some distance (at least five years) into the future?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have a process for scheduling and committing to capital projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your planning process take account of all the potential capital needs suggested by your answers to the technical questions in these worksheets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your long-term planning incorporate analysis of alternative strategies that might offer cost saving to customers, such as consolidation with other nearby systems or sharing of operations and management expenses with other nearby systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rates/Billing - Are they Adequate?	Yes	No	Unknown	NA
Do you regularly review your rates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>How often?</i> Annually				
Do you have a plan in place for periodic increases in rates?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the rate structure based on metered watered use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>List rates per 1000 gallons:</i> \$30 minimum+\$6.35/1000 gal after 4000 (i.e. \$22 minimum plus \$2.50/1000 gallons)				
Does the rate per 1000 gallons change as consumption increases? <i>If so, please describe:</i> Additional \$6.35/1000 gal after 4000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the rate structure assure proportionality among users?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you have procedures for billing and collection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is your billing collection rate greater than 95%?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have collection procedures specifically for delinquent accounts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financial Planning Mechanisms - Are they Adequate?	Yes	No	Unknown	NA
Does your system have audited financial statements prepared by a certified public accountant (CPA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water system income exceed operating expenses (including debt service)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your water utility support other enterprise funds or the general fund?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does your system require revenues from other enterprise funds or the general fund for normal operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you employ standardized accounting and tracking systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you track budget performance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you keep records to substantiate depreciation of fixed assets and accounting for reserve funds?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are financial management recordkeeping systems organized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised over expenditures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are controls exercised to keep from exceeding your budget?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there purchasing procedures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did your system's governing body review this assessment before returning it to the South Dakota Department of Environment and Natural Resources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Financial Spreadsheet

Applicant: City of Eagle Butte

Completed by: Emeline Post & Sheila Ganje

Date: 6/30/2014

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
Enter Year:	2013	2014 budget	2015	2016	2017
1. Beginning Cash on Hand	\$386,596	\$480,300	\$598,300	\$632,810	\$500,000
2. Cash Receipts:					
a. Unmetered Water Revenue					
b. Metered Water Revenue	\$653,784	\$644,138	\$620,700	\$600,000	\$590,730
c. Other Water Revenue surcharge	\$15,291	\$30,862	\$54,270	\$54,270	\$54,270
d. Total Water Revenues (2a through 2c)	\$669,075	\$675,000	\$674,970	\$654,270	\$645,000
e. Connection Fees	\$4,492				\$5,000
f. Interest and Dividend Income	\$5,011				
g. Other Income	\$52,927	\$65,000	\$60,000		
h. Total Cash Revenues (2d through 2g)	\$731,505	\$740,000	\$734,970	\$654,270	\$650,000
i. Transfers in/Additional Rev Needed					
j. Loans, Grants or other Cash Please specify	\$630,083	*see below	\$1,000,000	\$825,000	
DWSFR loan and loan forgiveness					
3. Total Cash Receipts (2h through 2j)	\$1,361,588	\$740,000	\$1,734,970	\$1,479,270	\$650,000
4. Total Cash Available (1+3)	\$1,748,184	\$1,220,300	\$2,333,270	\$2,112,080	\$1,150,000
5. Operating Expenses					
a. Salaries and wages	\$98,342	\$93,000	\$93,930	\$94,870	\$95,790
b. Employee Pensions and Benefits	\$49,417	\$62,000	\$62,620	\$63,250	\$63,860
c. Purchased Water					
d. Purchased Power	\$10,100	\$10,000	\$10,050	\$10,050	\$10,100
e. Fuel for Power Production					
f. Chemicals					
g. Materials and Supplies	\$414,766	\$436,000	\$400,000	\$420,000	\$400,000
h. Engineering Services				\$4,050	
i. Contractual Services - Other	\$7,035	\$14,000	\$15,000	\$16,000	\$17,000
j. Equip. Rent/Real Property	\$58,141	\$7,000	\$7,000	\$57,000	\$7,000
k. Transportation Expenses					
l. Laboratory					
m. Insurance					
n. Regulatory Commission Expenses					
o. Advertising					
p. Miscellaneous					
q. Total Cash O&M Expenses (5a through 5p)	\$637,801	\$622,000	\$588,600	\$665,220	\$593,750
r. Replacement Expenditures	\$630,083		\$1,000,000	\$825,000	
s. Total OM&R Expenditures (5q+5r)	\$1,267,884	\$622,000	\$1,588,600	\$1,490,220	\$593,750
t. Loan Principal/Capital Lease Payments			\$11,860	\$11,860	\$44,320
u. Loan Interest Payments			\$0	\$0	\$0
v. Transfers Out					
w. Capital Purchases (specify):					
x. Other					
6. Total Cash Paid Out (5s through 5x)	\$1,267,884	\$622,000	\$1,600,460	\$1,502,080	\$638,070
7. Ending Cash Position (4 - 6)	\$480,300	\$598,300	\$732,810	\$610,000	\$511,930

Financial Spreadsheet

Applicant: City of Eagle Butte
Completed by: Emeline Post & Sheila Ganje
Date: 6/30/2014

4 Year Projections	Last Year Actual	Current Year Budget Year 1 Projected	Year 2 Projected	Year 3 Projected	Year 4 Projected
8. Number of Customer Accounts	1,006	1,202	1,202	1,202	1,202
9. Avg Annual User Charge Account (2d/8)	\$665	\$562	\$562	\$544	\$537
10. Coverage Ratio (2h-5s)/(5t+5u)	0.0	0.0	(72.0)	(70.5)	1.3
11. Operating Ratio (2d/5s)	0.5	1.1	0.4	0.4	1.1
12. Additions to Reserve Funds for the Year:					
a. Debt Service Reserve					
b. Bond Retirement Reserve				\$40,000	
c. Capital Improvement Reserve					
d. Replacement Reserve			\$50,000	\$50,000	
e. Other			\$50,000	\$20,000	
13. Total Reserves (12a through 12e)			\$100,000	\$110,000	
14. Year End Operating Cash (7 - 13)	\$480,300	\$598,300	\$632,810	\$500,000	\$511,930

*There are no loan and loan forgiveness funds budgeted for 2014, but will be drawn on.

RESOLUTION NO. 2014-06

RESOLUTION AUTHORIZING AN APPLICATION FOR FINANCIAL ASSISTANCE, AUTHORIZING THE EXECUTION AND SUBMITTAL OF THE APPLICATION, AND DESIGNATING AN AUTHORIZED REPRESENTATIVE TO CERTIFY AND SIGN PAYMENT REQUESTS.

WHEREAS, the City of Eagle Butte has determined it is necessary to proceed with improvements to its Water System, including but not limited to the replacement and extension of water mains and necessary appurtenances throughout the city;

WHEREAS, the City has determined that financial assistance will be necessary to undertake the Project and an application for financial assistance to the South Dakota Board of Water and Natural Resources (the "Board") will be prepared; and

WHEREAS, it is necessary to designate an authorized representative to execute and submit the Application on behalf of the City and to certify and sign payment requests in the event financial assistance is awarded for the Project.

NOW THEREFORE BE IT RESOLVED by the City as follows:

1. The City hereby approves the submission of an Application for financial assistance in an amount not to exceed \$725,000 to the South Dakota Board of Water and Natural Resources for the Project.

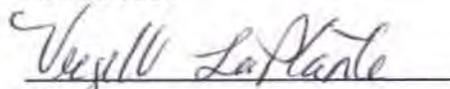
2. The mayor and/or city finance officer is hereby authorized to execute the Application and submit it to the South Dakota Board of Water and Natural Resources, and to execute and deliver such other documents and perform all acts necessary to effectuate the Application for financial assistance.

3. The mayor and/or city finance officer is hereby designated as the authorized representative of the City to do all things on its behalf to certify and sign payment requests in the event financial assistance is awarded for the Project.

Adopted at the City of Eagle Butte City Council meeting, Eagle Butte South Dakota, this 25th day of June, 2014.

This resolution is effective upon passage.

APPROVED:



Mayor
City of Eagle Butte

(Seal)

Attest:



Sheila Gange, Finance Officer



PROCEEDINGS OF THE CITY COUNCIL

Eagle Butte, South Dakota

June 25, 2014

CALL TO ORDER

Pursuant to due call and notice thereof, a special meeting of the City Council of the City of Eagle Butte was held at the City Hall in Eagle Butte, South Dakota on Wednesday, June 25, 2014. Mayor LaPlante called the meeting to order at 6:00 P.M.

ROLL CALL

The following members were present: Mayor Verzella LaPlante and the following alderpersons: J. Shepherd, Mark Steffen, Tyson LaPlante, Tigger Joens and Dale Lesmeister. The following members were absent: James Traversie. Staff members present included Sheila J. Ganje, Finance Officer; Norman R. Schuler, Police Chief; R.J. Joens, Liquor Store Manager; and B. Jon Ganje, W/WW Superintendent. Others present: Trent Bruce-DeWild Grant Reckert Engineering, Marlene Knutson and Emeline Post-Central SD Enhancement District Ross DuBray, Editor-WRE, Kent Mouck-Heartland Waste Management Inc., Catherine Siegel and Nick Stockton-CRST, Dennis Neigel-Eagle Butte Community Club and Harley Morgan.

NEXT MEETING DATE

Council shall convene in regular session on July 7th, 2014 at 6:00 p.m.

ADOPTION OF AGENDA

Council reviewed the agenda as prepared by the Finance Officer and as given notice as per SDCL. Motion was made Steffen, second by Shepherd, all in favor and carried to adopt the agenda.

MEETING MINUTES

Motion was made Shepherd, second by Steffen, all in favor and carried to approve the June Regular (06/04/2014) Meeting Minutes as prepared by Sheila J. Ganje, Finance Officer.

FINANCE: Finance Officer Ganje reported on the following topics.

2012 Audit: The 2012 Audit has been completed by Donna Denker and Associates. Ms. Denker was present at the May Regular Meeting of City Council to provide a verbal report as well as review the written audit information. Denker noted that in 2012 there were no changes in accounting practices and there "is nothing to be concerned about at all". Denker reported that the most significant issue is the possession the stocks. Denker concluded by stating that there were "strong internal controls". The SD Department of Legislative Audit has since reviewed the 2012 Audit Report and suggested a couple minor changes in the report. The 2012 Audit Report will be issued by the SDDLA to the WRE for publication in the near future.

2013 Annual Report: Council did act to approve the 2013 Annual Report and issuance of said report as final to the SD Department of Legislative Audit. The final draft shall be issued by KTLLP to the WRE for publication of the 2013 Annual Report in the official newspaper.

2013 Audit: The SD Department of Legislative Audit has received a letter of approval for the completion of the 2013 Audit by Donna Denker & Associates. The Finance Officer did deliver the 2014-current files to KTLLP for audit purposes. The 2013 Audit has been initiated.

The Principal Financial Stock: The Finance Officer reported a copy of the executive resolution was issued with the letter of instruction for the purpose of the sale of said stock. The sale of these stocks has been completed as of June 6th, 2014 whereby a check was issued for the sale of these stocks in the amount of \$118,326.68.

2014 KTLLP Engagement Letter: Motion was made Shepherd, second by Steffen, all in favor and carried to approve the 2014 KTLLP Engagement Letter to be executed by the Finance Officer as presented this evening by the Finance Officer.

March 2014 Compilation Report: Council noted the addition of the Finance Officer signatures on any and all journals recording actions by the accountants. Motion was made Shepherd, second by Steffen, all in favor and carried to approve the March 2014 Compilation Report.

Quarter 2 Budgetary Reports: The Finance Officer reported that Quarter 2 Budgetary Reports will be submitted at the July 2014 Regular Meeting of City Council.

PERSONNEL

New Hire: The Finance Officer reported a new hire as hired by the Liquor Store Manager: Derick Straighthead as part-time liquor clerk at a rate of pay of \$8.00 per hour. The following individuals have been hired to work as seasonal employees at \$8.00 per hour: Kimmie LeCompte and Markus Knight. Markus Knight's employment has been terminated. The City will hire up to three additional individuals during the two weeks prior to Hometown Days.

Probationary Period Conclusions: The Finance Officer noted the conclusion of the probationary period as of July 2014 for the following employees: Jeannie Walters (W/S) and Callie Anderson (Liquor). The July Regular Meeting Agenda shall include discussion of any intended actions as a result of probationary period completion by these employees.

Training: Golf Course Supper Club employees did receive TAM training on June 3rd from R.J. Joens at the Lakeside Golf Course Club House. The City has yet to receive certification information as was to be issued by Mr. Joens.

The 2014 Elected Officials Workshop will be held on Wednesday, July 23, 2014. The following individuals have expressed interest in attending this training and will finalize commitment by the end of this week: Verzella LaPlante, Dale Lesmeister, Mark Steffen, Tyson LaPlante, Tigger Joens and Sheila J. Ganje. The fee for said training is \$50 per person for which the City shall provide for all training cost associated with the training.

Leave: Chief Schuler will be on sick leave from June 23rd – July 4th due to surgery. The Finance Officer noted that James Traversie has been hospitalized for some time due to an accident and that she had planned to send flowers once he was out of intensive care. James Traversie is out of intensive care but the Finance Officer will issue a get well card with a check in the amount of \$75 (the cost of flowers) instead given the circumstances.

Additional Pay: Motion was made Steffen, second by Joens, all in favor and carried to approve the request by the FO/Personnel Director as approved by the supervisor and recommended by the L&O Committee to pay Officer Lemke at his regular rate of pay for any hours in excess of his average hours per pay period (105) not to exceed 30 hours during Chief Schuler's unplanned absence given the short notice and inability to schedule to accommodate the absence. The additional pay is a one-time issuance based upon circumstances.

Police Department Schedule: Chief Schuler issued two schedules for police personnel for which one shall cover the period of Schuler's projected absence and the second shall be upon Officer Schuler's return until the end of July.

LEGALS/EXECUTIVE SESSIONS

Building Permit: Motion was made Shepherd, second by Joens, all in favor and carried to approve the building permit as submitted by First Baptist Church of Eagle Butte/Reverend Joseph Benjamin Farrar for the completion of roofing.

Public Hearing: A notice of public hearing was published in the WRE ten days in advance of the hearing as follows:

**NOTICE OF PUBLIC HEARING(S)
for the
CITY OF EAGLE BUTTE WATER, WASTEWATER, AND STORM SEWER IMPROVEMENTS
PROJECTS**

The City of Eagle Butte is seeking up to \$725,000 of additional funding from the Board of Water and Natural Resources in order to undertake water distribution system improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Drinking Water State Revolving Fund (DWSRF) Program. The expected Drinking Water SRF loan terms are 0% for 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. In addition, the City of Eagle Butte is seeking up to \$2,600,000 from the Board of Water and Natural Resources for wastewater distribution and treatment system improvements, and up to \$310,000 for Storm Sewer System Improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Clean Water State Revolving Fund (CWSRF) Program. The expected Clean Water SRF loan terms are 3.25% for up to 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. The amount and source of all funds will be determined by the Board of Water and Natural Resources when the applications are presented at a scheduled board meeting. The purpose of the public hearing is to discuss the proposed project, the proposed financing, and the source of repayment for the loan. The public is invited to attend and comment on the project.

The City of Eagle Butte may also submit an application to the State of South Dakota for a Community Development Block Grant in order to assist with the financing of sewer and storm system improvement projects. The City expects to apply for up to \$515,000 from the CDBG Community Projects Account to be used for the proposed projects which will cost approximately \$2,900,000. The purpose of the hearing is to receive comments regarding the application from members of the community and to assess the community development needs of the community, prioritize them, and identify the activities to be undertaken to meet the needs. The meeting is open to the public and interested persons are encouraged to attend. Disabled individuals wishing assistance should contact the City Finance Officer for information and/or special assistance-the request should be made 24 hours in advance of the meeting.

The public hearing will be held at City Hall, in Eagle Butte, SD, on June 25, 2014 at 6 p.m. MST

It was noted that there were seventeen individuals present for the public hearing.

This being the time and place for the public hearing for the proposed water and sewer projects were discussed. The project involves the rehabilitation/repair of construction of a water distribution improvements in various locations throughout the city including Sycamore Street, Highway 212 and Bringman Street, Main Street, etc. The project is being undertaken to replace asbestos cement lines and conditions due to the age, plus improve operations due to looping, etc. The city went to bids earlier in the year, but no bid was received. It has been determined that an additional \$725,000 of funds from SDDENR is needed along with the existing \$1,100,000 already available from SDDENR. The alternative to the project is to do nothing. If all of the \$725,000 is received at 0% for 30 years, the surcharge will be approximately \$2.20/user/month. Depending on the final financial package this may be in addition to the existing water rates.

The sanitary and storm sewer improvements were reviewed and involves work at the lagoon system including installation of an aeration system, dredging of the pond(s), control structures and other necessary appurtenances, collection system repair/replacement and extension with necessary appurtenances due to the condition of the system including storm sewer installation as needed to preventing flooding and ponding of water. The areas for improvements are located throughout the city, including Sycamore Street, Highway 212 and Bringman Street, Shupick Park, Prairie Road, Willow Street/Pioneer Ave, Main Street, etc. The alternative to the project is to do nothing. The project is expected to cost \$2,910,000 and if all is received as a 30 year note at 3.2% from SDDENR it will result in a \$13.88 surcharge/user/month, plus the existing rate. Various loan amounts were discussed and what it would do to the surcharge. However rates will be reviewed based upon the final financing package received.

The revenue source for repayment of loans to SDDENR will be surcharges for both the water and wastewater/storm sewer project in order that the debt not go against the city's legal debt limit.

The Community Development Block Grant program was reviewed as it related to applying for \$515,000 for the wastewater/storm sewer project. A Community Development and Housing Needs Plan was developed and adopted with projects being identified and why needed, prioritized and implementation strategies for each discussed. Projects in priority order include: water, wastewater/storm sewer, street and lighting improvements, liquor store improvements, and recreation improvements. The plan is available at city hall for viewing.

Motion was made by Steffen second by Shepherd, all in favor and carried to approve the following resolutions:

RESOLUTION NO. 2014-06

RESOLUTION AUTHORIZING AN APPLICATION FOR FINANCIAL ASSISTANCE, AUTHORIZING THE EXECUTION AND SUBMITTAL OF THE APPLICATION, AND DESIGNATING AN AUTHORIZED REPRESENTATIVE TO CERTIFY AND SIGN PAYMENT REQUESTS.

WHEREAS, the City of Eagle Butte has determined it is necessary to proceed with improvements to its Water System, including but not limited to the replacement and extension of water mains and necessary appurtenances throughout the city;

WHEREAS, the City has determined that financial assistance will be necessary to undertake the Project and an application for financial assistance to the South Dakota Board of Water and Natural Resources (the "Board") will be prepared; and

WHEREAS, it is necessary to designate an authorized representative to execute and submit the Application on behalf of the City and to certify and sign payment requests in the event financial assistance is awarded for the Project.

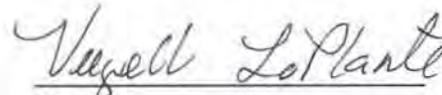
NOW THEREFORE BE IT RESOLVED by the City as follows:

1. The City hereby approves the submission of an Application for financial assistance in an amount not to exceed \$725,000 to the South Dakota Board of Water and Natural Resources for the Project.
2. The mayor and/or city finance officer is hereby authorized to execute the Application and submit it to the South Dakota Board of Water and Natural Resources, and to execute and deliver such other documents and perform all acts necessary to effectuate the Application for financial assistance.
3. The mayor and/or city finance officer is hereby designated as the authorized representative of the City to do all things on its behalf to certify and sign payment requests in the event financial assistance is awarded for the Project.

Adopted at the City of Eagle Butte City Council meeting, Eagle Butte South Dakota, this 25th day of June, 2014.

This resolution is effective upon passage.

APPROVED:



Mayor
City of Eagle Butte

(Seal)

Attest:



Sheila Ganje, Finance Officer

RESOLUTION NO. 2014-07

RESOLUTION AUTHORIZING AN APPLICATION FOR FINANCIAL ASSISTANCE, AUTHORIZING THE EXECUTION AND SUBMITTAL OF THE APPLICATION, AND DESIGNATING AN AUTHORIZED REPRESENTATIVE TO CERTIFY AND SIGN PAYMENT REQUESTS.

WHEREAS, the City of Eagle Butte has determined it is necessary to proceed with improvements to its Waste Water and Storm Sewer Systems, including, but not limited to, replacing an existing lift station, plus install aeration system and undertaking other improvements related to the existing lagoon system; replace and extend collection system lines, as well as install storm sewers at various locations throughout the city, plus necessary appurtenances related to said project.

WHEREAS, the City has determined that financial assistance will be necessary to undertake the Project and an application for financial assistance to the South Dakota Board of Water and Natural Resources (the "Board") will be prepared; and

WHEREAS, it is necessary to designate an authorized representative to execute and submit the Application on behalf of the City and to certify and sign payment requests in the event financial assistance is awarded for the Project,

NOW THEREFORE BE IT RESOLVED by the City as follows:

1. The City hereby approves the submission of an Application for financial assistance in an amount not to exceed \$2,910,000 to the South Dakota Board of Water and Natural Resources for the Project.
2. The Mayor and or the City Finance officer of Eagle Butte is hereby authorized to execute the Application and submit said to the South Dakota Board of Water and Natural Resources, and to execute and deliver such other documents and perform all acts necessary to effectuate the Application for financial assistance.
3. The Mayor or City Finance officer of Eagle Butte is hereby designated as the authorized representative of the City to do all things on its behalf to certify and sign payment requests in the event financial assistance is awarded for the Project.

Adopted at the Eagle Butte City Council Meeting, Eagle Butte, South Dakota, this 25th day of June, 2014. This resolution is effective upon passage.

APPROVED:



Mayor
City of Eagle Butte

(Seal)

Attest:


Sheila Ganje, City Finance Officer

RESOLUTION #2014-08

WHEREAS, the City of Eagle Butte has identified the need for a sanitary sewer and storm sewer systems project;

WHEREAS, the City of Eagle Butte proposes to upgrade the lagoon system and replace and extend sanitary sewer lines and construct a lift station, plus make storm sewer improvements and related appurtenances to the systems at various locations throughout the city; and

WHEREAS, the City of Eagle Butte is eligible for Federal assistance for the proposed project, and

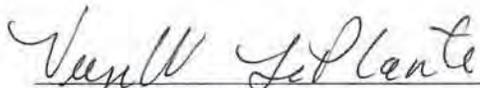
WHEREAS, the City of Eagle Butte has held the required public hearing on Wednesday, June 25, 2014, at 6:00 p.m., and

WHEREAS, with the submission of the CDBG application the City of Eagle Butte assures and certifies that all CDBG program requirements will be fulfilled,

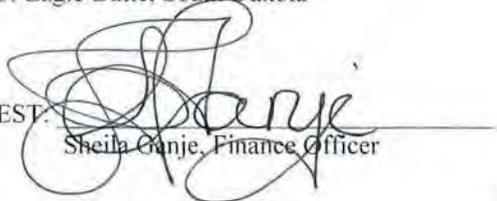
THEREFORE, BE IT RESOLVED that the City of Eagle Butte duly authorizes the Mayor of Eagle Butte to sign and submit the CDBG application requesting up to \$515,000 of funds.

This resolution is effective immediately upon passage.

Adopted this 25th day of, June, 2014.


Verzell LaPlante, Mayor
City of Eagle Butte, South Dakota

ATTEST:


Sheila Ganje, Finance Officer

RESOLUTION #2014-09

WHEREAS, the City of Eagle Butte expects to be the recipient of a Community Development Block Grant from the US Department of Housing and Urban Development as administered by the State of South Dakota to undertake a wastewater/storm sewer improvements project; and

WHEREAS, the City of Eagle Butte is required to designate a certifying officer for the purpose of signing required documents pertaining to this grant;

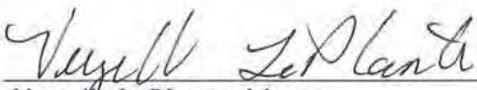
NOW, THEREFORE BE IT RESOLVED, that the Mayor or City Finance Officer of the City of Eagle Butte, be hereby designated as the city official for the purpose of signing the CDBG grant agreements, contracts, correspondence, pay requests, and other required documents; and

WHEREAS, the City of Eagle Butte is required to designate an environmental certifying officer for the purpose of signing required environmental documents pertaining to this grant;

NOW, THEREFORE, BE IT RESOLVED, that the City Finance Officer of the City of Eagle Butte, be hereby designated as the city's environmental certifying officer for the purpose of signing environmental correspondence and other required documents and forms.

This resolution is effective upon passage.

Dated this 25th day of June, 2014.

By: 
Verzell LaPlante, Mayor
City of Eagle Butte

Attest: 
Sheila Gauje, Finance Officer
City of Eagle Butte

Affidavit of Publication

STATE OF SOUTH DAKOTA,
COUNTY OF DEWEY, ss.

I, Franklin Gross, being first duly sworn, on oath says, that he is the bookkeeper of the WEST RIVER EAGLE, a weekly newspaper published in Eagle Butte, County of Dewey, and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies weekly, and has been published within said county for fifty-two successive weeks next prior to the publication of the notice herein mentioned; that the

NOTICE OF PUBLIC HEARING(S) for the City of Eagle Butte Water, Waste Water and Storm Sewer
City of Eagle Butte

a printed copy of which, taken from the paper in which same was published, is attached to this sheet, and is made a part of this Affidavit, was published in said newspaper at least once each week for one successive weeks, on the day of each week on which said newspaper was regularly published to-wit:

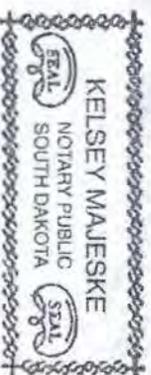
June 12th, 2014

That the full amount of the fees for the publication of the annexed notice is \$26.26

FLC

Subscribed and sworn to before me this ___30th___ day of ___June___, 2014

Kelsey Majeske
Kelsey Majeske, Notary Public
State of South Dakota
My commission expires September 17th, 2018



NOTICE OF PUBLIC HEARING(S) for the City of Eagle Butte Water, Waste Water, and Storm Sewer Improvements Projects

The City of Eagle Butte is seeking up to \$725,000 of additional funding from the Board of Water and Natural Resources in order to undertake water distribution system improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Drinking Water State Revolving Fund (DWSRF) Program. The expected Drinking Water SRF loan terms are 0% for 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. In addition, the City of Eagle Butte is seeking up to \$2,600,000 from the Board of Water and Natural Resources for wastewater distribution and treatment system improvements, and up to \$310,000 for Storm Sewer System Improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from

the Clean Water State Revolving Fund (CWSRF) Program. The expected Clean Water SRF loan terms are 3.25% for up to 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. The amount and source of all funds will be determined by the Board of Water and Natural Resources when the applications are presented at a scheduled board meeting. The purpose of the public hearing is to discuss the proposed project, the proposed financing, and the source of repayment for the loan. The public is invited to attend and comment on the project.

The City of Eagle Butte may also submit an application to the State of South Dakota for a Community Development Block Grant in order to assist with the financing of sewer and storm system improvement projects. The City expects to apply for up to \$515,000 from the CDBG

Community Projects Account to be used for the proposed projects which will cost approximately \$2,900,000. The purpose of the hearing is to receive comments regarding the application from members of the community and to assess the community development needs of the community, prioritize them, and identify the activities to be undertaken to meet the needs. The meeting is open to the public and interested persons are encouraged to attend. Disabled individuals wishing assistance should contact the City Finance Officer for information and/or special assistance-the request should be made 24 hours in advance of the meeting.

The public hearing will be held at City Hall, in Eagle Butte, SD, on June 25, 2014 at 6 p.m. MST

Published one time at the total approximate cost of \$26.26.

-061214

Your Right To Know

Regular meeting May 12 of the Eagle Butte School Dist. 20-1

Eagle Butte School District 20-1 Regular Meeting of the Board of Education
Upper Elementary Library, Eagle Butte, SD
Monday, May 12, 2014
The regular meeting of the Eagle Butte School District 20-1 was called to order on May 12, 2014 at 5:31 pm by Chairperson Charles Shupick. Members present: Donita Fischer, Tina Neigel, Kirby Peterson, Sammi Ducheneaux (in at 5:35pm), Members absent: Holly Annis and Wayne Ducheneaux. Administration present: Carol Veit and Keith Watt. Others in attendance: Cora Petersen, Donald and Kimberly McDaniel, Jill Brehmer-Marshall, and Phoebe Lemke. All listed motions were passed by a unanimous vote unless otherwise stated.

05-14 Motion by T. Neigel, second by D. Fischer to adopt the agenda with the freedom to move within. Vote: All present in favor.
06-14 Motion by T. Neigel, second by D. Fischer to approve the minutes from the regular meeting on April 14, 2014 with corrections of spelling (LeCompte) and meeting report given by J. Cook. M. Benoit.
06-14 Motion by T. Neigel, second by K. Peterson to approve the minutes from the special meetings on April 22, 28, and 30, 2014.
Public Comments - None
06-14 Motion by D. Fischer, second by S. Ducheneaux to accept the financial reports as submitted.
06-14 Motion by S. Ducheneaux, second by K. Peterson to approve the expenditure report as submitted. Payables for May: General Fund - \$115,805.83 / Capital Outlay Fund - \$1,737.46 / Special Education Fund - \$25,487.13. Total payables for May - \$153,030.42.
Executive Session
06-14 Motion by T. Neigel, second by S. Ducheneaux to enter executive session at 5:50pm for legal issues.
Board declared out of executive session at 6:03pm. Action taken on Boundary Changes tabled until phone call from attorney (call received at 6:19pm).
06-14 Motion by R. LeCompte, second by T. Neigel to approve the participation in SDIISA.
06-14 Motion by S. Ducheneaux, second by K. Peterson to approve the participation in SDIISA Ballots.
06-14 Motion by C. Shupick, second by C. Veaux to vote no on Amend. #1.
06-14 Motion by C. Shupick, second by K. Peterson to vote yes on Amend. #2.
06-14 Motion by C. Shupick, second by T. Neigel to vote yes on Amend. #3.
06-14 Motion by C. Shupick, second by K. Peterson to vote yes on Amend. #4.
06-14 Motion by C. Shupick, second by D. Fischer to vote no on proposed Amend. #5.
Advanced Ed/State Accreditation Report - Information only.
Attendance Policies - Discussion only.
Bleacher Discussion
08-14 Motion by R. LeCompte, second by C. High Elk that Dr. Bowker direct Larry Mendoza to pursue upgrading the

Resignation - Not needed.
Executive Session
07-14 Motion by T. Neigel, second by D. Fischer to enter executive session at 6:19pm for personnel issues.
Board declared out of executive session at 6:33pm. No action taken.
Awards Items - Information only.
20-1 Board recessed at 6:35pm.
C-EB Cooperative Board
The Cheyenne-Eagle Butte Cooperative Board meeting was called to order by Chairperson Sammi Ducheneaux at 7:03pm with the following members present: Charles Shupick, Kirby Peterson (in at 7:08pm), Rhea LeCompte, Jay Cook, Tina Neigel, Jay Cook, Donita Fischer, Cody High Elk, Marc Benoit, and Carla Veaux. Member absent: Robert Chasing Hawk, Holly Annis, Wayne Ducheneaux II, Michelle Fischer. Administration present: Dr. Kathy Bowker, Carol Veit and Keith Watt. Others in attendance: Larry Keller, Larry Mendoza, Timmie Williams. All listed motions were passed by a unanimous vote unless otherwise stated.

07-14 Motion by C. Shupick, second by T. Neigel to approve the minutes from the regular meeting on April 22, 2014 with the corrections of Jay Cook giving the meeting reports and motion.
05-14 Motion by T. Neigel to clarify that handbooks were to be emailed to the policy committee members.
07-14 Motion by C. Shupick, second by T. Neigel to approve the minutes from special meetings on April 16 and 17, 2014 with the correction of R. LeCompte name spelling in the adjournment motion. Vote: 9 in favor, 1 abstain (C. Veaux).
Meeting Reports - 95-561 report was given by M. Benoit, 20-1 report was given by C. Shupick.
Student Reports - None.
Public Comments - Concerns were voiced over the communication of events from the Jr. High Area.
SDIISA Participation
07-14 Motion by C. Shupick, second by C. Veaux to approve the participation in SDIISA.
SDIISA Ballots
07-14 Motion by C. Shupick, second by C. Veaux to vote no on Amend. #1.
07-14 Motion by C. Shupick, second by K. Peterson to vote yes on Amend. #2.
07-14 Motion by C. Shupick, second by T. Neigel to vote yes on Amend. #3.
07-14 Motion by C. Shupick, second by K. Peterson to vote yes on Amend. #4.
07-14 Motion by C. Shupick, second by D. Fischer to vote no on proposed Amend. #5.
Advanced Ed/State Accreditation Report - Information only.
Attendance Policies - Discussion only.
Bleacher Discussion
08-14 Motion by R. LeCompte, second by C. High Elk that Dr. Bowker direct Larry Mendoza to pursue upgrading the

football field and renovation of football field complex.
Handbook Format - Discussion only.
Student Hearing Process - Discussion only.
Executive Session - Not needed.
FUNDS AND FACILITIES
Awards Items - Public Forum for Indian Policy and Procedures, Impact Aid, Title VII, and JOM will be held May 21, 2014 at 5:00pm in the Upper Elem. PDR.
Adjournment
08-14 Motion by D. Fischer, second by C. Shupick for the Coop. Bd. to adjourn at 8:40pm.
20-1 Board recessed at 8:40pm.
08-14 Motion by S. Ducheneaux, second by D. Fischer for the 20-1 Bd. to adjourn at 8:41pm.
1st Keith Watt Business Manager
Eagle Butte School District 20-1
10/21/2014 Payable
Fund: 10 GENERAL FUND
AMSTERDAM PRINTING D a t e
Planners 1,369.59; APPLEBEES Jr. Class
WORKER'S COMP FUND W/C Renewal/14-
15 23,819.00; AT&T MOBILITY Monthly
Service 54,72; BJS INSTRUMENT REPAIR
Instrument Rpr. (6)/CF 370.00; BLACK
HILLS RAPTOR CENTER Raptor Prog.
Rw 425.00; BJS INSTRUMENT REPAIR
C-EB STUDENT ACTIVITY FUND III
ASST. Track Coach 1,425.00; C-EB
STUDENT ACTIVITY FUND Lakota
Lang. Speakers 550.00; C-EB STUDENT
ACTIVITY FUND Lakota Lang. Speakers
750.00; C-EB STUDENT ACTIVITY
FUND Handgame Sticks & Drum 300.00;
C-EB STUDENT ACTIVITY FUND
Lakota Speaker 125.00; C-EB STUDENT
ACTIVITY FUND Speakers/NA Week
500.00; C-EB STUDENT ACTIVITY FUND
Necklaces/School Wacipi 405.00; C-EB
STUDENT ACTIVITY FUND State BB
Mileage/Lodging 793.83; C-EB STUDENT
ACTIVITY FUND Golf Meats 355.00;
C-EB STUDENT ACTIVITY FUND Sr/
Jr Field Trip Expenses/Gear Up 217.01;
C-EB STUDENT ACTIVITY FUND Meats/
Wrestling 2,188.00.
P W - G O V E R N M E N T, I N C .
D Y D P L A N E B 9 2 . 9 9 ; C D W
G O V E R N M E N T, I N C . B r a c k e t s / K J 5 . 5 8 ;
C D W G O V E R N M E N T, I N C . P o w e r C o r d /
C V 7 4 . 0 0 ; C D W G O V E R N M E N T, I N C .
T o m e r / 3 6 O f f i c e s 2 , 5 9 0 . 1 4 ; G E N T R Y
B U S I N E S S P R O D U C T S C o p i e s / S t a m p s
9 6 . 5 0 ; C E N T R Y B U S I N E S S P R O D U C T S
M o n t h l y S e r v i c e / C o l o r T I I . 0 7 7 . 7 8 ; C E V
A g r i S e r v i c e / V o l g / C a r t P e r k i n s 3 , 9 0 0 . 0 0 ;
C O L E P A P E R S K i t c h e n S u p p l i e s 2 6 1 . 1 6 ;
C O L E P A P E R S P a p e r 2 , 3 9 4 . 0 0 ; C O L E
P A P E R S R p r . F l o o r S w e e p e r 1 2 4 . 5 0 ;
C O L L E G E H O R I Z O N S, I N C . T u i t i o n &
A i r f a r e / C o l l e g e A c c e s s 4 4 8 . 0 0 ; C O L L E G E
H O R I Z O N S, I N C . T u i t i o n & A i r f a r e /
C o l l e g e A c c e s s 4 4 8 . 0 0 ; C O L L E G E
A U T H O R I T Y M o n t h l y S e r v i c e 5 5 . 5 2 ;
D & R P R O P A N E P r o p a n e 2 , 0 2 2 . 1 4 ;
D A K O T A B U S S E R V I C E I N C . J r . C l a s s
S t u d e n t / G e a r U p 2 , 5 0 0 . 0 0 ; D A K O T A
S C R I P T S T u i t i o n & M e a l s 3 . 6 1 0 . 0 0 ;
D A Y S I N N O F M I T C H E L L L o d g i n g /

Golf 144.00; DEPOY, DARLA ISSD Mtg / Mileage 69.56; DSU DINING SERV/ISSD ARAMARK Jr. College Tour/Meals/Gear Up 168.00; DUCHENEUX, LISA TOUR Services 3,700.00; EAGLE BUTTE COOP Kitchen Supplies 2,986.98; EAGLE BUTTE WATER DEPARTMENT Monthly Service 71.70; EBSCO SUBSCRIPTIONS 1.18; Mag. Subs./UE 584.30; ENGEL MUSIC SUPPLY Piano Supplies/21st Century 90.82.
FAIRFIELD INN Jr. Class College
Tour/Gear Up 520.00; FISCIUS, CHRIS
Rgn. Music Mtg./Mileage 61.42; FRANK
GANJE HARDWARE Supplies/Maint.
196.47; G & R CONTROLS Service
Agreement 3,129.00; GRUNEWALDT,
JONCE Close Up Travel/HG 50.00; GTC
ADTO PARTS/Printing Supplies 176.99;
HARVEY'S LOCK SHOP Door Parts
152.94; HEIDLEBAUGH, WESLEY THE
Conf./Travel 312.92; HONEYWELL Qrly.
Service Agreement 5,985.59; JANITOR'S
CLOSET Kitchen Supplies 846.00; JOENS,
KENT THE Conf. Travel/KJ 285.84;
KARLS - PIERRESTOVES/Apt. 13 &
Reserve 859.92; KESSLER, HILL Act
Reg. Fees/Reimb. 60.84; KESSLER, HILL
Site Geor. Stipend/Gear Up 1,000.00;
KESSLER, HILL Spring Stipend/College
Access 250.00; KNIGHT, CONNIE CRST
TI Supplies 850.85; LAKOTA THRIFTY
MART PACS Supplies 814.76; LODGE AT
HEALWOOD, THE LAKOTA Lodging/
AB 218.84; LUMBER RANCH M a t e r i a l s
Supplies 41.10;
MARK'S Plumbing Supplies 518.39;
MATHESON TRI-GAS INC Welders 313/
Carl Perkins 6,472.74; MATHESON
TRI-GAS INC. Welding Supplies 641.22;
MCI WORLDCOM Monthly Service
84.38; MCLELLAN, PEGGY THE Conf.
Travel/PM 289.94; MIDAMERICA BOOKS
Library Titles/UE-PM 848.00; MCGRAU
GRAND ELECTRIC Monthly Service
6,239.27; NASSPNIHS Fees/HS-DF45.00;
NORTHWEST AREA SCHOOLS Spelling
Beef/Academic Fee 345.00;
OFFICE & TECHNOLOGY Certificates/
HL 204.88; OGLALA LAKOTA COLLEGE
Tuition/Prof. Dev. 706.00; PAYNE
HERITAGE AGENCY Bond Premium
300.00; PEACOCK, MARK Title Mtg./
Travel 151.19; POSITIVE PROMOTIONS
Tchr. Appreciation Supplies 1,903.09;
READ RIGHT SYSTEMS, INC. T u o r
Recertification 8,800.00; SERVALL
UNIFORM/LINEN CO. Monthly Service
1,362.05; SEVEN FIRES BUSINESS
SOLUTIONS Supplies/CV 193.00;
SEVEN FIRES BUSINESS SOLUTIONS
Supplies/CV 242.73; SMALL ENGINE
HOOSE LLC Mower Deck Rprs. 682.60;
SOFTWARE UNLIMITED, INC. Acct.
Software Maint. 1,075.00; SOUTHERN
DAKOTA TEACHER JOB FAIR/TCR, Fair
Reg./CV 175.00; SUPER 8 SIOUX FALLS
Tchr. Job Fair/Lodging-CV 67.69.
TCHS SICANJU LAKOTA CLUB
Handgame Tournament 100.00;
THE COMPANY T E R M S R e s . 5 0 . 0 0 ;
TROPHY DEPOT Archery Awards/5-6
75.83; TWILIGHT FIRST AID & SAFETY
SUPPLY Restock First Aid Kits 414.90;
TWILIGHT FIRST AID & SAFETY
SUPPLY Kitchen Supplies 48.00; UPS Rtn.

Dental Supplies 42.51; VEIT, CAROL SF Tchr. Fair/Travel 262.84; VEIT, CAROL BJSU Tchr. Fair/Travel 129.48; VEIT, CAROL ISSD Mtg./Travel 66.60;
WAL-MART COMMUNITY CRST
TI Supplies 2,631.14; WATT, KEITH
Accreditation Team Meal 55.00;
WATT, KEITH Golf Travel/IES 67.88;
WELLMARK BLUECREAM BUESHIELD
Health Ins./DW 1,152.11; WEST RIVER
EAGLE LEGALS/Minutes 429.21; WEYER
COBRINE Prof. Dev./Mileage 4 . 4 0 ;
WILLISON, DENISE Supplies/21st Cent.
84.52
Fund Total: 115,805.83
Fund: 21 CAPITAL OUTLAY
COLE PAPERS Custodial Supplies
442.20; COLE PAPERS Custodial Supplies
1,417.07; CURRENT ELECTRIC Electric
Work/Kitchen Lights 3,754.43; MID-
AMERICAN RESEARCH CHEMICAL GYM
Floor Refinishing Supplies 1,298.54; MID-
AMERICAN RESEARCH CHEMICAL GYM
Floor Refinishing 1,825.92
Fund Total: 11,737.46
Fund: 22 SPECIAL
EDUCATION FUND
AMERICAN INDIAN INSTITUTE
FOR INNOVATION Psych. Services
9,750.00; AZURE, JANE IEP Trng./
JA136.60; BEHAVIOR CARE SPECIALIST,
INC. Residential Tuition 9,765.00; BEST
WESTERN RAMKOTA INN Autism Travel
2,237.07; BURNING TREE LODGE SJJL JV
Residential Tuition 1,547.36; OUR HOME,
INC. Educational Tuition 414.19; RHOOD,
UTANITA Psych. Testing 3,630.00
Fund Total: 25,487.13
Checking Account Total: 153,030.42
Eagle Butte School District 20-1
Revenue Report by Fund
04/30/2014
Fund: 10 GENERAL FUND
Devaloren Tax Treasurer 13,491.22
Ad Valorem Taxes 504.34
DeWey County Treasurer -
Penalties & Interest on Taxes 0.12
State Bank of Eagle Butte -
MMSA Interest - April
DeWey County Treasurer -
County Apportionment 565.23
State of South Dakota -
State Aid - General 117,661.00
Fund Total: 132,223.96
Fund: 22 SPECIAL
EDUCATION FUND
DeWey County Treasurer -
Devaloren Tax Treasurer 7,727.18
Ziebach County Treasurer -
Ad Valorem Taxes 194.75
DeWey County Treasurer -
Penalties & Interest on Taxes 0.07
State Bank of Eagle Butte -
Interest on CD# 5240 436.09
State Bank of Eagle Butte -
Interest on CD# 5158 199.95
State of South Dakota -
State Aid - SpEd 20,166.00
Fund Total: 28,724.01
Fund: 27 AGENCY FUND
IMPACT AID
State Bank of Eagle Butte -
MMSA Interest - April 20.73
Fund Total: 20.73
Summary Totals
10 101 132,223.96
10 105 2.05
22 101 28,724.04
27 105 20.73
Total: 160,968.73
Published one time at the total
approximate cost of \$135.68. -061214

Eagle Butte School District 20-1					
Cash Flow Report 04/30/2014					
Account Number	Account Description	Cash Flow Beginning	Cash Flow Revenues	Cash Flow Expenses	Cash Flow Payables Change
10	GENERAL FUND	\$497,558.62	\$131,859.39	(\$433,484.73)	\$0.00
21	CAPITAL OUTLAY	(\$96,238.61)	\$0.00	(\$4,083.53)	\$0.00
22	SPECIAL EDUCATION FUND	\$376,260.26	\$28,724.04	(\$112,800.66)	\$0.00
27	AGENCY FUND IMPACT AID	\$4,304,901.65	\$29,730.73	\$0.00	\$0.00
Grand Total:		\$5,082,481.92	\$180,604.16	(\$550,368.92)	\$0.00

NOTICE OF PUBLIC HEARING(S) for the City of Eagle Butte Water, Waste Water, and Storm Sewer Improvements Projects

The City of Eagle Butte is seeking up to \$725,000 of additional funding from the Board of Water and Natural Resources in order to undertake water distribution system improvements. The funds could be either a grant from the state Consolidated Water Facilities Construction Program or a loan from the Drinking Water State Revolving Fund (DWSRF) Program. The expected Drinking Water SRF loan terms are 0% for 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. In addition, the City of Eagle Butte is seeking up to \$2,600,000 from the Board of Water and Natural Resources for wastewater distribution and treatment system improvements. Community Development Block Grant in order to assist with the financing of sewer and storm system improvement projects. The City expects to apply for up to \$515,000 from the CDBG

the Clean Water State Revolving Fund (CWSRF) Program. The expected Clean Water SRF loan terms are 3.25% for up to 30 years, and the Board of Water and Natural Resources may forgive all or a portion of the loan principal. The amount and source of all funds will be determined by the Board of Water and Natural Resources when the applications are presented at a scheduled board meeting. The purpose of the public hearing is to discuss the proposed project, the proposed financing, and the source of repayment for the loan. The public is invited to attend and comment on the project.
The City of Eagle Butte may also submit an application to the State of South Dakota for a Community Development Block Grant in order to assist with the financing of sewer and storm system improvement projects. The City expects to apply for up to \$515,000 from the CDBG

Human Services Program Specialist II
Pierre, SD

The SD Department of Human Services, Division of Developmental Disabilities, is looking for an individual to be responsible for developing and administering human services programs to include determining eligibility for services, approving level of care and funding requests, conducting reviews to ensure compliance with rules and regulations, and providing training and technical assistance. This position works directly with Community Support Providers and an Intermediate Care Facility to ensure the health, safety and welfare of program participants. Bachelor's degree preferred. Minimum salary \$1900.85 semimonthly. DOE. Closes 6/30/14. For more information and to apply, please go to <http://hrhs.sd.gov/work/apply> and reference job ID #3229. An Equal Opportunity Employer.

Special meeting May 20th of Eagle Butte School Board

EAGLE BUTTE SCHOOL DISTRICT 20-1
Special Meeting of the Board of Education
Upper Elementary (Rm. 203), Eagle Butte, SD
Tuesday, May 20, 2014 @ 5:30 PM
Meeting called to order by Charles Shupick at 5:34 p.m.
Roll Call:
Charles Shupick, President P
Donita Fischer, Vice President P
Holly Annis P
Wayne Ducheneaux, II A
Tina Neigel P
Kirby Peterson P
Sammi Ducheneaux P
Staff in Attendance:
Keith Watt, Business Manager P
Carol Veit, Superintendent P
Others: J. Brehmer, P. Lemke, K. McDaniel, R. Depoy, D. McDaniel.

E. Bogue
1. OFFICIAL BUSINESS
I. ADOPTION OF THE AGENDA (with freedom to move within the agenda).
Motion by D. Fischer, second by T. Neigel to adopt the agenda with freedom to move within. Vote: All present in favor.
2. Executive Session (Personnel/Legal/Student)
Motion by D. Fischer, second by H. Annis to enter executive session for legal.
In: 5:35 pm, Out: 6:03 pm. With the following action taken.
Motion by K. Peterson, second by S. Ducheneaux to approve of the School District boundary change between the Upper and Eagle Butte School District.
Vote: All present in favor.
3. Staffing - Computer Tech Position

Job Opening
for a Truck Driver/ Mill Operator

Applicant must have:

- CDL
- Agricultural Background is Preferred
- Be willing and able to pass a drug test upon hiring
- No Fear of Heights
- Be able to lift at least 50lbs
- Salary will depend on experience

Duties include delivering feed to ranches, operating the feed mill, maintenance and upkeep of trucks and mill, operating the point of sale (till), work with customers, and other various duties as assigned

Closing date for applications is 6/27/14
Start date 7/14/15

Applications can be picked up at the
Eagle Butte Co-op Feed Store
For more information contact
Boyd Stambach at 964-2225



City of Eagle Butte Utility Office

(605) 964-8784

Minimum Bill:

\$30.00 Water + \$22.00 Sewer = \$52.00

Beginning June 1, 2012

(for May 2012 consumption)

The rate charge for the City of Eagle Butte Water Department shall be as follows:

Gals.	Total	Gals.	Total
4,000	\$30.00	16,000	\$106.20
5,000	\$36.35	17,000	\$112.55
6,000	\$42.70	18,000	\$118.90
7,000	\$49.05	19,000	\$125.25
8,000	\$55.40	20,000	\$131.60
9,000	\$61.75	21,000	\$137.95
10,000	\$68.10	22,000	\$144.30
11,000	\$74.45	23,000	\$150.65
12,000	\$80.80	24,000	\$157.00
13,000	\$87.15	25,000	\$163.35
14,000	\$93.50	26,000	\$169.70
15,000	\$99.85	27,000	\$176.05

RATES PER UNIT:

1,000 - 4,000 gallons (minimum) ...\$30.00
over 4,000 gallons at \$6.35 per thousand

The rate charge for the City of Eagle Butte Sewer Department shall be as follows ... \$22.00 per unit



City of Eagle Butte Utility Office

(605) 964-8784

Minimum Bill:

\$30.00 Water + \$19.00 Sewer = \$49.00

Beginning January 1, 2012

(for December 2011 consumption)

The rate charge for the City of Eagle Butte Water Department shall be as follows:

Gals.	Total	Gals.	Total
4,000	\$30.00	16,000	\$106.20
5,000	\$36.35	17,000	\$112.55
6,000	\$42.70	18,000	\$118.90
7,000	\$49.05	19,000	\$125.25
8,000	\$55.40	20,000	\$131.60
9,000	\$61.75	21,000	\$137.95
10,000	\$68.10	22,000	\$144.30
11,000	\$74.45	23,000	\$150.65
12,000	\$80.80	24,000	\$157.00
13,000	\$87.15	25,000	\$163.35
14,000	\$93.50	26,000	\$169.70
15,000	\$99.85	27,000	\$176.05

RATES PER UNIT:

1,000 - 4,000 gallons (minimum) ...\$30.00
over 4,000 gallons at \$6.35 per thousand

The rate charge for the City of Eagle Butte Sewer Department shall be as follows ... \$19.00 per unit



June 4, 2014

Marlene Knutson
Central South Dakota Enhancement District
PO Box 220
3431 Airport Road, Suite 3
Pierre, SD 57501

**RE: 2015 Street and Utility Improvements
Eagle Butte, South Dakota
DGR Project No. 664320**

Dear Marlene:

The City of Eagle Butte is intending to request additional funding through the SD DENR to continue through with their proposed projects during the 2015 construction season. We have recently discussed several aspects of the project, to include potential funding sources and the appropriate processes to achieve the ultimate goal of completing each of the corresponding components.

As you were aware, the City was originally awarded funding through the SD DENR's Clean Water and Drinking Water funds, but after some deliberation, turned back the Clean Water funds and expanded their project scope. They then pursued funding through USDA Rural Development, which delayed the project, only to find out that they would not be awarded. As such, the City is requesting your assistance in submitting appropriate applications through the DENR to fund the project for 2015 construction. The following list is a scope of each component of the project and the associated estimated cost (the numbers correspond with the enclosed map):

1. Sycamore Street Water & Sanitary Sewer

This portion of the 2015 Utility Improvement & Street Resurfacing project includes approximately 1720 LF of 6" water main and 1360 LF of 8" gravity sanitary sewer main from North 212 to the south. Included within the project are 9 water service and sewer service connections into the existing properties. The utility improvements would provide the city residents with connections into the City's municipal water and sewer systems. Once the utilities are complete, Sycamore Street will be resurfaced with salvaged asphalt millings.

Total Cost: \$958,000

2. Highway 212 and Bringman Street Water & Sanitary Sewer

This portion of the 2015 Utility Improvements & Street Resurfacing project includes approximately 4300 LF of 6" water main, 1440 LF of 4" sanitary sewer force main and 1500 LF of 8" gravity sanitary sewer main. A lift station will be constructed to transfer sanitary sewer from the Bringman Street area into the Sycamore Street gravity sanitary sewer main. Included within the project are 22 water service and sewer service connections into the existing properties. The utility improvements would provide the city residents with connections into the City's municipal water and sewer systems. A total of 850 LF of horizontal boring underneath and adjacent to HWY 212 is necessary to complete the utility improvements. Once the utility improvements are complete, Bringman Street will be resurfaced with salvaged gravel surfacing.

Total Cost: \$1,426,000

3. Prairie Road Sewer

This portion of the 2015 Utility Improvements & Street Resurfacing project includes approximately 900 LF of 8" gravity sanitary sewer main. The proposed sanitary sewer will be an extension of the existing line to provide sewer service to four properties within the city limits along the north side of Prairie Road on the east end.

Total Cost: \$120,000

4. Brotsky Drainage

This portion of the 2015 Utility Improvements & Street Resurfacing project includes approximately 400 SF of concrete drain pan to allow discharged water from the city storm sewer system to travel across private property and minimize flooding and property damage.

Total Cost: \$10,000

5. Willow Street & Pioneer Avenue

This portion of the 2015 Utility Improvement & Street Resurfacing project includes removal of existing storm sewer inlets and piping, and installation of new storm sewer inlets and piping. The proposed inlets and piping will allow more water from storm runoff and will minimize the pooling of water at the adjacent property owners lot. The proposed improvements will also minimize the inflow of the sanitary sewer system during large rainfall events when water is unable to get into the storm sewer system and causes localized flooding.

Total Cost: \$41,000

6. Shupick Park Sanitary & Storm Sewer

This portion of the 2015 Utility Improvements & Street Resurfacing project includes approximately 570 LF of 48" RCP storm sewer northwest through Shupick Park, and replacing an eroded sanitary sewer manhole. The storm sewer extension will allow the city to utilize the park space efficiently, reduce safety concerns, and reduce park maintenance. To the north of the park adjacent to the waste water treatment facility, there are two corroded manholes that need to be rehabilitated, one manhole that needs to be replaced, and one manhole junction box that needs to be rehabilitated.

Total Cost: \$282,000

7. Shupick Park Water Main

This portion of the 2015 Utility Improvements & Street Resurfacing project includes approximately 1300 LF of 6" water main from the south to north, through the park. The water main extension will provide a loop in the system and irrigation lines to provide water for the adjacent baseball fields.

Total Cost: \$130,000

8. Main Street Water Main and Street Resurfacing

This portion of the 2015 Utility Improvement & Street Resurfacing project includes approximately 2360 LF of 6" & 8" water main along Main Street from Landmark Ave to Frontier Street. Included in this component of the project is approximately 11,760 SY of asphalt millings and new asphalt overlay. The water main improvements will replace an existing AC pipe and the existing services will be reconnected to the 35 businesses along Main Street.

Total Cost: \$1,416,000

Marlene Knutson
June 4, 2014
Page Three

9. Prairie Road Street Reconstruction

This portion of the 2015 Utility Improvement & Street Resurfacing project includes reconstruction of Prairie Road from Willow Street to Main Street. The existing road will be full depth asphalt milled and reconstructed with approximately 1060 ton of new asphalt pavement will be placed over 1090 tons of aggregate base course.

Total Cost: \$296,000

10. Liquor Store Site Improvements

This portion of the 2015 Utility Improvement & Street Resurfacing project includes site improvements to the existing Liquor store. Improvements include new concrete, curb and gutter, a fenced in loading ramp and dumpster pad, and hand railing along the proposed sidewalk ramp. This component is not eligible for any DENR funding.

Total Cost: \$72,000

11. Waste Water Treatment Facility Improvements

This project will involve removal of sludge in the primary holding cell, installation of inlet piping near the center of the inlet cove to improve natural mixing and distribution of wastewater, installation of floating aerators in the primary holding cell to provide supplemental air to aid in the treatment of wastewater, and larger transfer piping installation to facilitate transfer of wastewater between cells. The proposed improvements are expected to reduce the invasive odors emanating from the lagoons.

Total Cost: \$895,000

The enclosed map depicts a graphical representation of the project components outlined above, and the cost estimates, also enclosed, break out the projects by phase, and appropriate funding source. We trust this information will assist with the preparation of the funding applications and further facilitate the proposed improvements critical the health, welfare, and quality of life of the Eagle Butte residents.

Please feel free to contact us with questions or the need for additional information.

Sincerely,

DGR Engineering

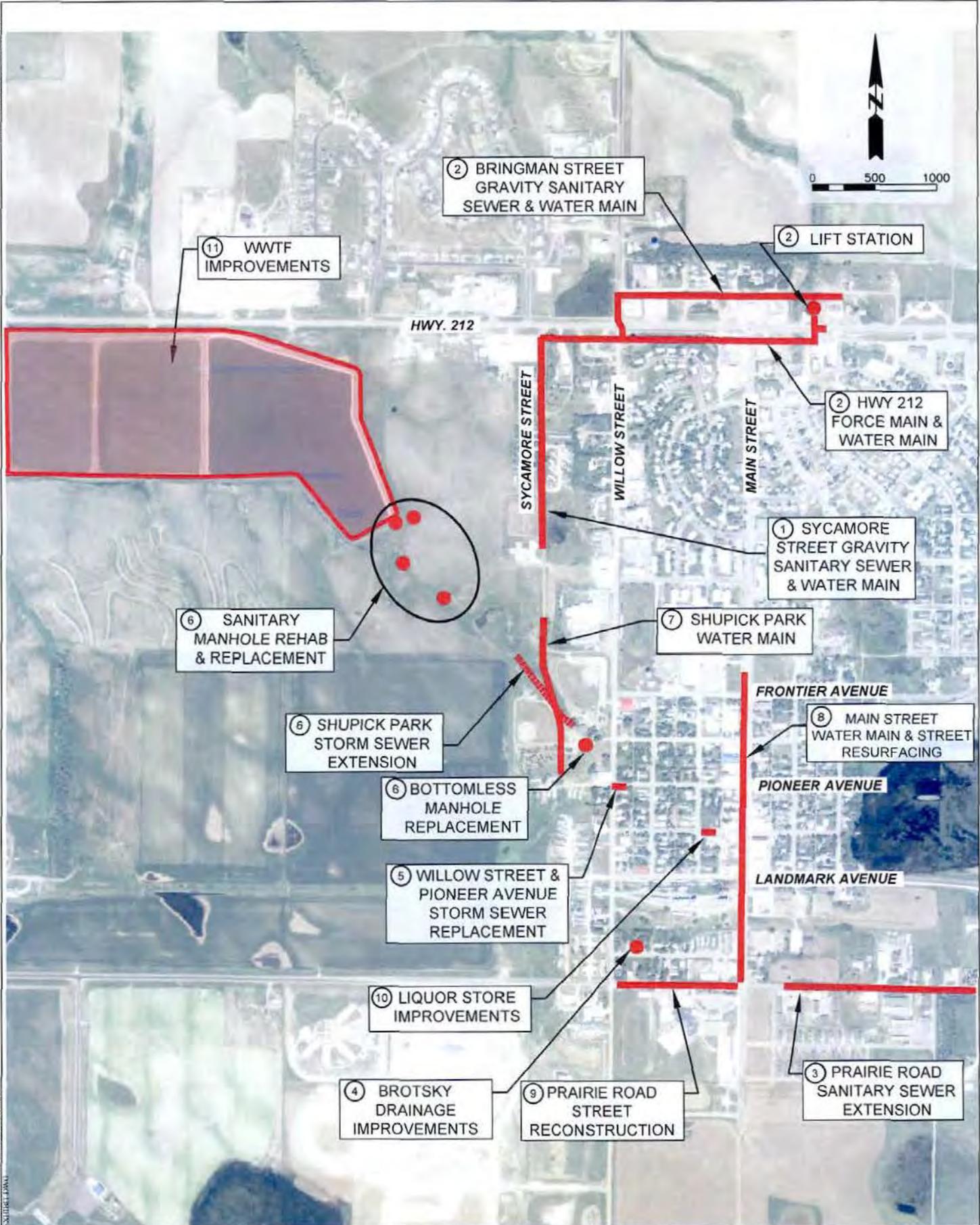


Trent Bruce

TEB/mlb

cc: Sheila Ganje, City of Eagle Butte
Jim Anderson, SDDENR

Enclosures



REV	DATE	DESCRIPTION



Project Manager: TEB
 Designer: JJM
 Project Number: 664320
 Phone: (605) 339-4157

2015 UTILITY IMPROVEMENTS
 EAGLE BUTTE, SD

2015 UTILITY IMPROVEMENTS
 PROJECT OVERVIEW

E
X
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B
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T

A

PRELIMINARY PROJECT COST ESTIMATE SUMMARY
2015 UTILITY IMPROVEMENTS AND STREET RESURFACING PROJECT

Eagle Butte, SD
 Prepared by DGR Engineering
 May 28, 2014

	Water DENR DW Eligible	Sanitary Sewer DENR CW Eligible	Storm Sewer DENR CW Eligible	Street Resurfacing Comm. Access Eligible	Ineligible Expenses Local Funding	TOTALS
Schedule 1:						
Phase 1A:	\$772,000	\$0	\$54,000	\$349,000	\$313,000	\$1,488,000
Phase 1B:	\$0	\$0	\$0	\$296,000	\$0	\$296,000
Total:	\$772,000	\$0	\$54,000	\$645,000	\$313,000	\$1,784,000
Schedule 2:						
Phase 2A:	\$1,049,000	\$1,666,000	\$252,000	\$0	\$0	\$2,967,000
Total:	\$1,049,000	\$1,666,000	\$252,000	\$0	\$0	\$2,967,000
Lagoons:						
Phase 3A:	\$0	\$895,000	\$0	\$0	\$0	\$895,000
Total:	\$0	\$895,000	\$0	\$0	\$0	\$895,000
Grand Totals:	\$1,821,000	\$2,561,000	\$306,000	\$645,000	\$313,000	\$5,646,000
% of Total	32%	45%	5%	11%	6%	

*Note: The Design Engineering for all Schedules/Phases has been addressed as part of previous funding packages. The City has an existing DW02 funding package with approximately \$1,100,000 of remaining funds available for DW eligible expenses.

ITEM NO	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT		Main Street					Prairie Road				
			QTY	TOTAL	Drinking Water (DW2) SRF Eligible		Community Access Grant		Storm Sewer		Ineligible (100% City)		Community Access Grant	
					QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL
WATER MAIN IMPROVEMENTS														
61	6" C900 DR18 PVC Water Main	\$ 25.00 L.FT	171	\$ 4,275.00	171	\$ 4,275.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
62	6" C900 DR18 PVC Water Main	\$ 30.00 L.FT	2,191	\$ 65,730.00	2,191	\$ 65,730.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
63	8" MJ Gate Valve with Box	\$ 1,600.00 EACH	9	\$ 14,400.00	9	\$ 14,400.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
64	8" MJ 90° Bend	\$ 400.00 EACH	10	\$ 4,000.00	10	\$ 4,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
65	8" MJ 90° Bend	\$ 500.00 EACH	2	\$ 1,000.00	2	\$ 1,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
66	8"v8" MJ Tee	\$ 650.00 EACH	4	\$ 2,600.00	4	\$ 2,600.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
67	8"v8" MJ Tee	\$ 700.00 EACH	2	\$ 1,400.00	2	\$ 1,400.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
68	8"v8" MJ Cross	\$ 1,000.00 EACH	1	\$ 1,000.00	1	\$ 1,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
69	8"v8" MJ Reducer	\$ 400.00 EACH	6	\$ 2,400.00	6	\$ 2,400.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
70	8" MJ Long Sleeve	\$ 350.00 EACH	6	\$ 2,100.00	6	\$ 2,100.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
71	Connect to Existing Water Main	\$ 1,000.00 EACH	6	\$ 6,000.00	6	\$ 6,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
72	Temporary Water Service	\$ 30,000.00 L.S.	1	\$ 30,000.00	1	\$ 30,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
73	Remove and Salvage Existing Fire Hydrant	\$ 500.00 EACH	4	\$ 2,000.00	4	\$ 2,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
74	Standard Fire Hydrant	\$ 3,000.00 EACH	4	\$ 12,000.00	4	\$ 12,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
75	Connect to Existing Water Service	\$ 1,000.00 EACH	35	\$ 35,000.00	35	\$ 35,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
76	Pipe Bolards	\$ 500.00 EACH	8	\$ 4,000.00	8	\$ 4,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	Construction Subtotal		\$ 1,397,164.60	\$ 594,108.00	\$ 594,108.00	\$ 268,830.40	\$ 40,344.00	\$ 263,907.60	\$ 229,284.00					
	Contingencies (10%)		\$ 114,836.40	\$ 59,602.00	\$ 59,602.00	\$ 26,169.60	\$ 4,056.40	\$ 2,092.40	\$ 22,716.00					
	Estimated Construction Total:		\$ 1,512,001.00	\$ 654,000.00	\$ 654,000.00	\$ 295,000.00	\$ 45,000.00	\$ 266,000.00	\$ 252,000.00					
	Engineering & Administration Fees (8%)		\$ 121,000.00	\$ 52,000.00	\$ 52,000.00	\$ 24,000.00	\$ 4,000.00	\$ 21,000.00	\$ 20,000.00					
	Geotechnical Services (2%)		\$ 30,000.00	\$ 13,000.00	\$ 13,000.00	\$ 6,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00					
	Admin/Legal (2%)		\$ 30,000.00	\$ 13,000.00	\$ 13,000.00	\$ 6,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00					
	Financing (5%)		\$ 75,000.00	\$ 33,000.00	\$ 33,000.00	\$ 15,000.00	\$ 2,000.00	\$ 10,000.00	\$ 12,000.00					
	Miscellaneous (1%)		\$ 15,000.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 1,000.00	\$ 3,000.00	\$ 2,000.00					
	ESTIMATED TOTAL PROJECT:		\$1,784,000.00	\$772,000.00	\$772,000.00	\$349,000.00	\$54,000.00	\$313,000.00	\$296,000.00					

PRELIMINARY PROJECT COST ESTIMATE
2015 UTILITY IMPROVEMENTS - EAGLE BUTTE, SD
Schedule II - Sycamore Street, Highway 212, & Bringman Street, Prairie Road & Shupick Park
 Prepared by DGR Engineering
 May 28, 2014

ITEM NO	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT		Water Main		Sanitary Sewer		Storm Sewer	
			QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL
GENERAL & STREET IMPROVEMENTS										
1	Mobilization	\$ 300,000.00 L.S.	1	\$ 300,000.00	0.35	\$ 105,000.00	0.56	\$ 168,000.00	0.09	\$ 27,000.00
2	Remove, Sawcut, & Dispose of Pavement	\$ 15.00 SQYD	970	\$ 14,550.00	275	\$ 4,125.00	695	\$ 10,425.00	-	\$ -
3	Remove, Salvage and Reset Fence & Posts	\$ 10.00 LFT	380	\$ 3,800.00	190	\$ 1,900.00	190	\$ 1,900.00	-	\$ -
4	Remove Pipe Culvert	\$ 10.00 LFT	228	\$ 2,280.00	114	\$ 1,140.00	114	\$ 1,140.00	-	\$ -
5	Remove Sanitary Manhole	\$ 500.00 EACH	2	\$ 1,000.00	-	\$ -	2	\$ 1,000.00	-	\$ -
6	Remove & Reset 48" RCP Flared End	\$ 2,000.00 EACH	1	\$ 2,000.00	-	\$ -	-	\$ -	1	\$ 2,000.00
7	Remove and Reset Sign	\$ 250.00 EACH	1	\$ 250.00	0.50	\$ 125.00	0.5	\$ 125.00	-	\$ -
8	Clearing	\$ 10,000.00 L.S.	1	\$ 10,000.00	0.4	\$ 4,000.00	0.3	\$ 3,000.00	0.3	\$ 3,000.00
9	Clear & Grub Tree	\$ 400.00 L.S.	8	\$ 3,200.00	2	\$ 800.00	2	\$ 800.00	4	\$ 1,600.00
10	Traffic Control	\$ 10,000.00 L.S.	1	\$ 10,000.00	0.35	\$ 3,500.00	0.56	\$ 5,600.00	0.09	\$ 900.00
11	Incidental Work (Grading)	\$ 5,000.00 L.S.	1	\$ 5,000.00	0.45	\$ 2,250.00	0.45	\$ 2,250.00	0.10	\$ 500.00
12	Incidental Work (Utilities)	\$ 35,000.00 L.S.	1	\$ 35,000.00	0.5	\$ 17,500.00	0.5	\$ 17,500.00	-	\$ -
13	Unclassified Excavation	\$ 10.00 CUYD	2,780	\$ 27,600.00	380	\$ 3,800.00	380	\$ 3,800.00	2,000	\$ 20,000.00
14	Unclassified Excavation - Digsouts	\$ 8.00 CUYD	100	\$ 800.00	50	\$ 400.00	50	\$ 400.00	-	\$ -
15	Water for Embankment	\$ 50.00 MGAL	16	\$ 800.00	8	\$ 400.00	8	\$ 400.00	-	\$ -
16	Water for Granular Material	\$ 50.00 MGAL	4	\$ 200.00	2	\$ 100.00	2	\$ 100.00	-	\$ -
17	Water for Vegetation	\$ 50.00 MGAL	460	\$ 23,000.00	165	\$ 8,250.00	165	\$ 8,250.00	130	\$ 6,500.00
18	9" Scarify & Recompact	\$ 2.00 SQYD	8,000	\$ 16,000.00	4,000	\$ 8,000.00	4,000	\$ 8,000.00	-	\$ -
19	Gravel Cushion	\$ 30.00 TON	36	\$ 1,080.00	18	\$ 540.00	18	\$ 540.00	-	\$ -
20	Gravel Surfacing, Salvaged & Placed	\$ 10.00 TON	380	\$ 3,800.00	125	\$ 1,250.00	125	\$ 1,250.00	130	\$ 1,300.00
21	Gravel Surfacing	\$ 30.00 TON	3,500	\$ 105,000.00	1,750	\$ 52,500.00	1,750	\$ 52,500.00	-	\$ -
22	Aggregate Base Course	\$ 30.00 TON	210	\$ 6,300.00	30	\$ 900.00	180	\$ 5,400.00	-	\$ -
23	City Furnished Asphalt Millings	\$ 5.00 SQYD	5,650	\$ 28,250.00	2,825	\$ 14,125.00	2,825	\$ 14,125.00	-	\$ -
24	Asphalt Concrete for Patching	\$ 150.00 TON	144	\$ 21,600.00	22	\$ 3,300.00	122	\$ 18,300.00	-	\$ -
25	Trench Stabilization Material	\$ 30.00 TON	400	\$ 12,000.00	175	\$ 5,250.00	225	\$ 6,750.00	-	\$ -
26	Class A Rip Rap	\$ 40.00 TON	40	\$ 1,600.00	-	\$ -	-	\$ -	40	\$ 1,600.00
27	Type B Drainage Fabric	\$ 5.00 SQYD	35	\$ 175.00	-	\$ -	-	\$ -	35	\$ 175.00
28	6" PCC Approach Pavement	\$ 80.00 SQYD	32	\$ 2,560.00	16	\$ 1,280.00	16	\$ 1,280.00	-	\$ -
29	8" Concrete Fillet	\$ 80.00 SQYD	15	\$ 1,200.00	7.5	\$ 600.00	7.5	\$ 600.00	-	\$ -
30	6" Concrete Valley Gutter	\$ 80.00 SQYD	16	\$ 1,280.00	8	\$ 640.00	8.0	\$ 640.00	-	\$ -
31	4" Concrete Sidewalk	\$ 6.00 SOFT	1,190	\$ 7,140.00	595	\$ 3,570.00	595	\$ 3,570.00	-	\$ -
32	12" CMP 16 Gauge, F&I	\$ 30.00 LFT	26	\$ 780.00	13	\$ 390.00	13	\$ 390.00	-	\$ -
33	18" CMP 16 Gauge, F&I	\$ 35.00 LFT	172	\$ 6,020.00	86.0	\$ 3,010.00	86	\$ 3,010.00	-	\$ -
34	24" CMP 16 Gauge, F&I	\$ 40.00 LFT	38	\$ 1,540.00	18.0	\$ 720.00	18	\$ 720.00	-	\$ -
35	12" CMP Flared End, F&I	\$ 250.00 EACH	2	\$ 500.00	1	\$ 250.00	1	\$ 250.00	-	\$ -
36	18" CMP Flared End, F&I	\$ 325.00 EACH	4	\$ 1,300.00	2	\$ 650.00	2	\$ 650.00	-	\$ -
37	24" CMP Flared End, F&I	\$ 400.00 EACH	1	\$ 400.00	0.5	\$ 200.00	0.5	\$ 200.00	-	\$ -
38	48" RCP Class II, F&I	\$ 200.00 LFT	568	\$ 113,600.00	-	\$ -	-	\$ -	568	\$ 113,600.00
39	Storm Sewer Catch Basin/ Drop Structure	\$ 5,000.00 EACH	1	\$ 5,000.00	-	\$ -	-	\$ -	1	\$ 5,000.00
40	Connect to Existing Storm Sewer	\$ 1,000.00 EACH	1	\$ 1,000.00	0.5	\$ 500.00	0.5	\$ 500.00	-	\$ -
41	Salvage & Replace Topsoil	\$ 5.00 CUYD	3,170	\$ 15,850.00	1,225	\$ 6,125.00	1,225	\$ 6,125.00	720	\$ 3,600.00
42	Permanent Seed, Fertilize & Mulch	\$ 3,500.00 ACRE	7.4	\$ 25,900.00	3.3	\$ 11,550.00	2.3	\$ 8,050.00	1.8	\$ 6,300.00
43	Temporary Low Flow Silt Fence	\$ 5.00 LFT	280	\$ 1,400.00	30	\$ 150.00	30	\$ 150.00	220	\$ 1,100.00
44	Inlet Protection	\$ 250.00 EACH	22	\$ 5,500.00	10	\$ 2,500.00	12	\$ 3,000.00	-	\$ -
45	Vehicle Tracking Control	\$ 250.00 EACH	3	\$ 750.00	1	\$ 250.00	2	\$ 500.00	-	\$ -
46	9" Erosion Control Wattle	\$ 10.00 LFT	100	\$ 1,000.00	50	\$ 500.00	50	\$ 500.00	-	\$ -
47	Verify & Locate Utility	\$ 500.00 EACH	20	\$ 10,000.00	10	\$ 5,000.00	10	\$ 5,000.00	-	\$ -
SEWER MAIN IMPROVEMENTS										
48	4" C900 DR18 PVC Force Main	\$ 35.00 LFT	2,195	\$ 76,825.00	-	\$ -	2,195	\$ 76,825.00	-	\$ -
49	8" SRD26 Sanitary Sewer Main	\$ 50.00 LFT	4,812	\$ 240,600.00	-	\$ -	4,812	\$ 240,600.00	-	\$ -
50	8" PVC Cleanout	\$ 250.00 EACH	2	\$ 500.00	-	\$ -	2	\$ 500.00	-	\$ -
51	4" MJ 90° Bend	\$ 200.00 EACH	2	\$ 400.00	-	\$ -	2	\$ 400.00	-	\$ -
52	4" PVC Cap	\$ 150.00 EACH	27	\$ 4,050.00	-	\$ -	27	\$ 4,050.00	-	\$ -
53	6" PVC Cap	\$ 200.00 EACH	15	\$ 3,000.00	-	\$ -	15	\$ 3,000.00	-	\$ -
54	8" PVC Cap	\$ 300.00 EACH	1	\$ 300.00	-	\$ -	1	\$ 300.00	-	\$ -
55	4" Sanitary Sewer Service	\$ 25.00 LFT	1,054	\$ 26,350.00	-	\$ -	1,054	\$ 26,350.00	-	\$ -
56	6" Sanitary Sewer Service	\$ 25.00 LFT	978	\$ 24,450.00	-	\$ -	978	\$ 24,450.00	-	\$ -
57	8"x4" Sewer Wye	\$ 300.00 EACH	27	\$ 8,100.00	-	\$ -	27	\$ 8,100.00	-	\$ -
58	8"x8" Sewer Wye	\$ 300.00 EACH	15	\$ 4,500.00	-	\$ -	15	\$ 4,500.00	-	\$ -
59	Connect to Existing Sanitary Sewer Service	\$ 1,000.00 EACH	37	\$ 37,000.00	-	\$ -	37	\$ 37,000.00	-	\$ -
60	Remove/Abandon Septic Tank	\$ 750.00 EACH	29	\$ 21,750.00	-	\$ -	29	\$ 21,750.00	-	\$ -
61	48" Lined Sanitary Manhole w/Frame & Lid	\$ 7,500.00 EACH	18	\$ 135,000.00	-	\$ -	18	\$ 135,000.00	-	\$ -
62	Manhole Rehabilitation	\$ 4,000.00 EACH	3	\$ 12,000.00	-	\$ -	3	\$ 12,000.00	-	\$ -
63	Sanitary Sewer Drop Section	\$ 1,500.00 EACH	1	\$ 1,500.00	-	\$ -	1	\$ 1,500.00	-	\$ -
64	Air Release Valve & Assembly	\$ 5,000.00 EACH	1	\$ 5,000.00	-	\$ -	1	\$ 5,000.00	-	\$ -
65	10" Casing Pipe	\$ 50.00 LFT	420	\$ 21,000.00	-	\$ -	420	\$ 21,000.00	-	\$ -

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT		Water Main		Sanitary Sewer		Storm Sewer	
			QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL
66	10" Boring	\$ 75.00 LFT	420	\$ 31,500.00	-	\$ -	420	\$ 31,500.00	-	\$ -
67	Bore Obstruction	\$ 500.00 EACH	1	\$ 500.00	-	\$ -	1	\$ 500.00	-	\$ -
68	4" C900 Joint Restrained Force Main	\$ 30.00 LFT	420	\$ 12,600.00	-	\$ -	420	\$ 12,600.00	-	\$ -
69	Connect to Existing Sanitary Sewer	\$ 1,000.00 EACH	6	\$ 6,000.00	-	\$ -	6	\$ 6,000.00	-	\$ -
70	Sanitary Sewer Bypass Pumping	\$ 5,000.00 L.S.	1	\$ 5,000.00	-	\$ -	1.0	\$ 5,000.00	-	\$ -
71	Sanitary Sewer Lift Station	\$ 160,000.00 L.S.	1	\$ 160,000.00	-	\$ -	1	\$ 160,000.00	-	\$ -
72	Electrical Control Panel & Generator	\$ 75,000.00 L.S.	1	\$ 75,000.00	-	\$ -	1	\$ 75,000.00	-	\$ -
73	16' Swing Gate w/Barbed Top	\$ 1,000.00 EACH	2	\$ 2,000.00	-	\$ -	2	\$ 2,000.00	-	\$ -
74	6' Chain Link Fence w/Barbed Top	\$ 30.00 LFT	68	\$ 2,040.00	-	\$ -	68	\$ 2,040.00	-	\$ -
WATER MAIN IMPROVEMENTS										
75	6" C900 DR18 PVC Water Main	\$ 30.00 LFT	9,170	\$ 275,100.00	9,170	\$ 275,100.00	-	\$ -	-	\$ -
76	12" C900 DR18 PVC Water Main	\$ 50.00 LFT	30	\$ 1,500.00	30	\$ 1,500.00	-	\$ -	-	\$ -
77	6" MJ Gate Valve w/ Box	\$ 1,000.00 EACH	20	\$ 20,000.00	20	\$ 20,000.00	-	\$ -	-	\$ -
78	6" MJ 11 1/4" Bend	\$ 400.00 EACH	2	\$ 800.00	2	\$ 800.00	-	\$ -	-	\$ -
79	6" MJ 45° Bend	\$ 400.00 EACH	2	\$ 800.00	2	\$ 800.00	-	\$ -	-	\$ -
80	6" MJ 90° Bend	\$ 400.00 EACH	6	\$ 2,400.00	6	\$ 2,400.00	-	\$ -	-	\$ -
81	6"x6" MJ Tee	\$ 500.00 EACH	24	\$ 12,000.00	24	\$ 12,000.00	-	\$ -	-	\$ -
82	6" MJ Long Sleeve	\$ 350.00 EACH	2	\$ 700.00	2	\$ 700.00	-	\$ -	-	\$ -
83	6" MJ Cap	\$ 200.00 EACH	5	\$ 1,000.00	5	\$ 1,000.00	-	\$ -	-	\$ -
84	12" MJ Cap	\$ 450.00 EACH	2	\$ 900.00	2	\$ 900.00	-	\$ -	-	\$ -
85	1" Water Service Corp Stop w/Saddle	\$ 220.00 EACH	19	\$ 4,180.00	19	\$ 4,180.00	-	\$ -	-	\$ -
86	2" Water Service Corp Stop w/Saddle	\$ 300.00 EACH	13	\$ 3,900.00	13	\$ 3,900.00	-	\$ -	-	\$ -
87	1" Curb Stop w/Box	\$ 185.00 EACH	19	\$ 3,515.00	19	\$ 3,515.00	-	\$ -	-	\$ -
88	2" Curb Stop w/Box	\$ 250.00 EACH	13	\$ 3,250.00	13	\$ 3,250.00	-	\$ -	-	\$ -
89	1" Water Service	\$ 13.00 LFT	750	\$ 9,750.00	750	\$ 9,750.00	-	\$ -	-	\$ -
90	2" Water Service	\$ 20.00 LFT	500	\$ 10,000.00	500	\$ 10,000.00	-	\$ -	-	\$ -
91	Connect to Existing Water Service	\$ 1,000.00 EACH	32	\$ 32,000.00	32	\$ 32,000.00	-	\$ -	-	\$ -
92	12" Casing Pipe	\$ 55.00 LFT	430	\$ 23,650.00	430	\$ 23,650.00	-	\$ -	-	\$ -
93	12" Boring	\$ 80.00 LFT	430	\$ 34,400.00	430	\$ 34,400.00	-	\$ -	-	\$ -
94	Bore Obstruction	\$ 500.00 LFT	1	\$ 500.00	1	\$ 500.00	-	\$ -	-	\$ -
95	6" C900 Joint Restrained Water Main	\$ 30.00 LFT	510	\$ 15,300.00	510	\$ 15,300.00	-	\$ -	-	\$ -
96	Connect to Existing Water Main	\$ 1,000.00 LFT	4	\$ 4,000.00	4	\$ 4,000.00	-	\$ -	-	\$ -
97	Temporary Water Service	\$ 15,000.00 L.S.	1	\$ 15,000.00	1	\$ 15,000.00	-	\$ -	-	\$ -
98	Remove & Salvage Existing Fire Hydrant	\$ 500.00 LFT	1	\$ 500.00	1	\$ 500.00	-	\$ -	-	\$ -
99	Standard Fire Hydrant	\$ 3,000.00 LFT	16	\$ 48,000.00	16	\$ 48,000.00	-	\$ -	-	\$ -
100	Salvage & Reset Existing Yard Hydrant	\$ 1,000.00 EACH	1	\$ 1,000.00	1	\$ 1,000.00	-	\$ -	-	\$ -
101	Pipe Bollards	\$ 200.00 EACH	33	\$ 6,600.00	33	\$ 6,600.00	-	\$ -	-	\$ -
Construction Subtotal				\$ 2,285,615.00		\$ 807,785.00		\$ 1,283,855.00		\$ 194,175.00
Contingencies (10%)				\$ 228,385.00		\$ 80,215.00		\$ 128,345.00		\$ 19,825.00
Estimated Construction Total:				\$ 2,514,000.00		\$ 888,000.00		\$ 1,412,000.00		\$ 214,000.00
Engineering & Administration Fees (8%)				\$ 201,000.00		\$ 71,000.00		\$ 113,000.00		\$ 17,000.00
Geotechnical Services (2%)				\$ 50,000.00		\$ 18,000.00		\$ 28,000.00		\$ 4,000.00
Admin/Legal (2%)				\$ 50,000.00		\$ 18,000.00		\$ 28,000.00		\$ 4,000.00
Financing (5%)				\$ 127,000.00		\$ 45,000.00		\$ 71,000.00		\$ 11,000.00
Miscellaneous (1%)				\$ 25,000.00		\$ 9,000.00		\$ 14,000.00		\$ 2,000.00
ESTIMATED TOTAL PROJECT:				\$2,967,000.00		\$1,049,000.00		\$1,666,000.00		\$252,000.00

PRELIMINARY PROJECT COST ESTIMATE
 SANITARY SEWER LAGOON IMPROVEMENTS PROJECT - EAGLE BUTTE, SD

Prepared by DGR Engineering
 May 28, 2014

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT	
			QTY	TOTAL
SANITARY SEWER LAGOON IMPROVEMENTS				
1	Mobilization	\$ 50,000.00 L.S.	1	\$ 75,000.00
2	12" DIP transfer pipe	\$ 125.00 LFT	230	\$ 28,750.00
3	12" Gate valve and box	\$ 3,600.00 EACH	4	\$ 14,400.00
4	12" DIP 90 deg. Bend	\$ 1,000.00 EACH	2	\$ 2,000.00
5	12" DIP 45 deg. Bend	\$ 1,000.00 EACH	10	\$ 10,000.00
6	Control structure	\$ 7,000.00 EACH	2	\$ 14,000.00
7	6" Concrete slab	\$ 60.00 SQFT	650	\$ 39,000.00
8	12" DIP inlet pipe	\$ 125.00 LFT	300	\$ 37,500.00
9	Connect to existing inlet pipe	\$ 12,000.00 L.S.	1	\$ 12,000.00
10	Inlet discharge concrete pad	\$ 7,000.00 L.S.	1	\$ 7,000.00
11	1/2 HP Diffused aeration system	\$ 4,000.00 EACH	3	\$ 12,000.00
12	1/2" Weighted PVC air hose	\$ 2.50 LFT	2,500	\$ 6,250.00
13	2 HP Floating aerators	\$ 4,750.00 EACH	6	\$ 28,500.00
14	Stainless steel anchor cable	\$ 3.50 LFT	650	\$ 2,275.00
15	Aerator power cable	\$ 15.00 LFT	4,300	\$ 68,800.00
16	Installation of diffusers and aerators	\$ 6,000.00 EACH	9	\$ 54,000.00
17	Electrical power	\$ 18.00 LFT	2,750	\$ 49,500.00
18	Sludge removal and land application	\$ 25.00 TON	4,800	\$ 120,000.00
19	Control Building	\$ 30,000.00 L.S.	1	\$ 30,000.00
20	Electrical controls	\$ 60,000.00 L.S.	1	\$ 60,000.00
21	Transfer pumping	\$ 30,000.00 L.S.	1	\$ 30,000.00
Construction Subtotal				\$ 700,975.00
Contingencies (10%)				\$ 70,025.00
Estimated Construction Total:			\$	771,000.00
Engineering & Administration Fees (8%)				\$ 62,000.00
Admin/Legal (2%)				\$ 15,000.00
Financing (5%)				\$ 39,000.00
Miscellaneous (1%)				\$ 8,000.00
ESTIMATED TOTAL PROJECT:				\$895,000.00

Annual Operations and Maintenance Costs

1	Electrical Operating costs at 12 hours/day/year	\$11,400.00
2	Maintenance costs at 2 persons/day, 4 times per year	\$1,600.00
		\$13,000.00 Per Year

$$\begin{array}{r}
 36.35 \\
 + 2.20 \\
 \hline
 38.55 \\
 \text{or } 36.35 \\
 1.85 \\
 \hline
 38.20
 \end{array}$$

Loan Amortization Calculator

Almost any data field on this form may be calculated. Enter the appropriate numbers in each slot, leaving blank (or zero) the value that you wish to determine, and then click "Calculate" to update the page.

Principal Payments per Year

Annual Interest Rate Number of Regular Payments

Balloon Payment Payment Amount

Show Amortization Schedule

This loan calculator is written and maintained by Bret Whissel. See [Bret's Blog](#) for help, a spreadsheet, derivations, calculator news, and more information.

$$\begin{array}{l}
 24,116.68 \times 10\% \\
 2,416.67 \\
 \hline
 26,583.35 \div 12 \\
 2,215.28 \div 1,006 \text{ users} \\
 \text{\$ 2.20 surcharge.} \\
 \text{but based on} \\
 \text{units would be} \\
 \text{1207 users. would be} \\
 \text{1.85 surcharge}
 \end{array}$$

Summary

Principal borrowed: \$725,000.00
Regular Payment amount: \$6,041.67
Final Balloon Payment: \$0.00
Interest-only payment: \$0.00
***Total Repaid:** \$725,000.40
***Total Interest Paid:** \$0.40

Annual Payments: 4
Total Payments: 120 (30.00 years)
Annual interest rate: 0.00%
Periodic interest rate: 0.0000%
Debt Service Constant: 3.3333%
***Total interest paid as a percentage of Principal:** 0.000%

*These results are estimates which do not account for accumulated error of payments being rounded to the nearest cent. See the amortization schedule for more accurate values.

Pmt	Principal	Interest	Cum Prin	Cum Int	Prin Bal
1	6,041.67	0.00	6,041.67	0.00	718,958.33
2	6,041.67	0.00	12,083.34	0.00	712,916.66
3	6,041.67	0.00	18,125.01	0.00	706,874.99
4	6,041.67	0.00	24,166.68	0.00	700,833.32
5	6,041.67	0.00	30,208.35	0.00	694,791.65
6	6,041.67	0.00	36,250.02	0.00	688,749.98
7	6,041.67	0.00	42,291.69	0.00	682,708.31
8	6,041.67	0.00	48,333.36	0.00	676,666.64
9	6,041.67	0.00	54,375.03	0.00	670,624.97
10	6,041.67	0.00	60,416.70	0.00	664,583.30
11	6,041.67	0.00	66,458.37	0.00	658,541.63
12	6,041.67	0.00	72,500.04	0.00	652,499.96
13	6,041.67	0.00	78,541.71	0.00	646,458.29
14	6,041.67	0.00	84,583.38	0.00	640,416.62
15	6,041.67	0.00	90,625.05	0.00	634,374.95
16	6,041.67	0.00	96,666.72	0.00	628,333.28
17	6,041.67	0.00	102,708.39	0.00	622,291.61
18	6,041.67	0.00	108,750.06	0.00	616,249.94
19	6,041.67	0.00	114,791.73	0.00	610,208.27
20	6,041.67	0.00	120,833.40	0.00	604,166.60
21	6,041.67	0.00	126,875.07	0.00	598,124.93
22	6,041.67	0.00	132,916.74	0.00	592,083.26
23	6,041.67	0.00	138,958.41	0.00	586,041.59
24	6,041.67	0.00	145,000.08	0.00	579,999.92
25	6,041.67	0.00	151,041.75	0.00	573,958.25
26	6,041.67	0.00	157,083.42	0.00	567,916.58
27	6,041.67	0.00	163,125.09	0.00	561,874.91
28	6,041.67	0.00	169,166.76	0.00	555,833.24
29	6,041.67	0.00	175,208.43	0.00	549,791.57
30	6,041.67	0.00	181,250.10	0.00	543,749.90
31	6,041.67	0.00	187,291.77	0.00	537,708.23
32	6,041.67	0.00	193,333.44	0.00	531,666.56
33	6,041.67	0.00	199,375.11	0.00	525,624.89
34	6,041.67	0.00	205,416.78	0.00	519,583.22
35	6,041.67	0.00	211,458.45	0.00	513,541.55
36	6,041.67	0.00	217,500.12	0.00	507,499.88
37	6,041.67	0.00	223,541.79	0.00	501,458.21
38	6,041.67	0.00	229,583.46	0.00	495,416.54
39	6,041.67	0.00	235,625.13	0.00	489,374.87
40	6,041.67	0.00	241,666.80	0.00	483,333.20
41	6,041.67	0.00	247,708.47	0.00	477,291.53
42	6,041.67	0.00	253,750.14	0.00	471,249.86
43	6,041.67	0.00	259,791.81	0.00	465,208.19
44	6,041.67	0.00	265,833.48	0.00	459,166.52
45	6,041.67	0.00	271,875.15	0.00	453,124.85
46	6,041.67	0.00	277,916.82	0.00	447,083.18
47	6,041.67	0.00	283,958.49	0.00	441,041.51
48	6,041.67	0.00	290,000.16	0.00	434,999.84

Pmt	Principal	Interest	Cum Prin	Cum Int	Prin Bal
49	6,041.67	0.00	296,041.83	0.00	428,958.17
50	6,041.67	0.00	302,083.50	0.00	422,916.50
51	6,041.67	0.00	308,125.17	0.00	416,874.83
52	6,041.67	0.00	314,166.84	0.00	410,833.16
53	6,041.67	0.00	320,208.51	0.00	404,791.49
54	6,041.67	0.00	326,250.18	0.00	398,749.82
55	6,041.67	0.00	332,291.85	0.00	392,708.15
56	6,041.67	0.00	338,333.52	0.00	386,666.48
57	6,041.67	0.00	344,375.19	0.00	380,624.81
58	6,041.67	0.00	350,416.86	0.00	374,583.14
59	6,041.67	0.00	356,458.53	0.00	368,541.47
60	6,041.67	0.00	362,500.20	0.00	362,499.80
61	6,041.67	0.00	368,541.87	0.00	356,458.13
62	6,041.67	0.00	374,583.54	0.00	350,416.46
63	6,041.67	0.00	380,625.21	0.00	344,374.79
64	6,041.67	0.00	386,666.88	0.00	338,333.12
65	6,041.67	0.00	392,708.55	0.00	332,291.45
66	6,041.67	0.00	398,750.22	0.00	326,249.78
67	6,041.67	0.00	404,791.89	0.00	320,208.11
68	6,041.67	0.00	410,833.56	0.00	314,166.44
69	6,041.67	0.00	416,875.23	0.00	308,124.77
70	6,041.67	0.00	422,916.90	0.00	302,083.10
71	6,041.67	0.00	428,958.57	0.00	296,041.43
72	6,041.67	0.00	435,000.24	0.00	289,999.76
73	6,041.67	0.00	441,041.91	0.00	283,958.09
74	6,041.67	0.00	447,083.58	0.00	277,916.42
75	6,041.67	0.00	453,125.25	0.00	271,874.75
76	6,041.67	0.00	459,166.92	0.00	265,833.08
77	6,041.67	0.00	465,208.59	0.00	259,791.41
78	6,041.67	0.00	471,250.26	0.00	253,749.74
79	6,041.67	0.00	477,291.93	0.00	247,708.07
80	6,041.67	0.00	483,333.60	0.00	241,666.40
81	6,041.67	0.00	489,375.27	0.00	235,624.73
82	6,041.67	0.00	495,416.94	0.00	229,583.06
83	6,041.67	0.00	501,458.61	0.00	223,541.39
84	6,041.67	0.00	507,500.28	0.00	217,499.72
85	6,041.67	0.00	513,541.95	0.00	211,458.05
86	6,041.67	0.00	519,583.62	0.00	205,416.38
87	6,041.67	0.00	525,625.29	0.00	199,374.71
88	6,041.67	0.00	531,666.96	0.00	193,333.04
89	6,041.67	0.00	537,708.63	0.00	187,291.37
90	6,041.67	0.00	543,750.30	0.00	181,249.70
91	6,041.67	0.00	549,791.97	0.00	175,208.03
92	6,041.67	0.00	555,833.64	0.00	169,166.36
93	6,041.67	0.00	561,875.31	0.00	163,124.69
94	6,041.67	0.00	567,916.98	0.00	157,083.02
95	6,041.67	0.00	573,958.65	0.00	151,041.35
96	6,041.67	0.00	580,000.32	0.00	144,999.68

Pmt	Principal	Interest	Cum Prin	Cum Int	Prin Bal
97	6,041.67	0.00	586,041.99	0.00	138,958.01
98	6,041.67	0.00	592,083.66	0.00	132,916.34
99	6,041.67	0.00	598,125.33	0.00	126,874.67
100	6,041.67	0.00	604,167.00	0.00	120,833.00
101	6,041.67	0.00	610,208.67	0.00	114,791.33
102	6,041.67	0.00	616,250.34	0.00	108,749.66
103	6,041.67	0.00	622,292.01	0.00	102,707.99
104	6,041.67	0.00	628,333.68	0.00	96,666.32
105	6,041.67	0.00	634,375.35	0.00	90,624.65
106	6,041.67	0.00	640,417.02	0.00	84,582.98
107	6,041.67	0.00	646,458.69	0.00	78,541.31
108	6,041.67	0.00	652,500.36	0.00	72,499.64
109	6,041.67	0.00	658,542.03	0.00	66,457.97
110	6,041.67	0.00	664,583.70	0.00	60,416.30
111	6,041.67	0.00	670,625.37	0.00	54,374.63
112	6,041.67	0.00	676,667.04	0.00	48,332.96
113	6,041.67	0.00	682,708.71	0.00	42,291.29
114	6,041.67	0.00	688,750.38	0.00	36,249.62
115	6,041.67	0.00	694,792.05	0.00	30,207.95
116	6,041.67	0.00	700,833.72	0.00	24,166.28
117	6,041.67	0.00	706,875.39	0.00	18,124.61
118	6,041.67	0.00	712,917.06	0.00	12,082.94
119	6,041.67	0.00	718,958.73	0.00	6,041.27
120	*6,041.27	0.00	725,000.00	0.00	0.00

*The final payment has been adjusted to account for payments having been rounded to the nearest cent.

CITY OF EAGLE BUTTE

Compilation

From Date: 1/1/2013

To Date: 12/31/2013

Fiscal Year: 2013-2013

Subtotal by Collapse Mask

Include pre encumbrance

Print accounts with zero balance

Filter Encumbrance Detail by Date Range

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
6020.00000.1010000	W.F. CASH/CASH & DEPOSITS	\$0.00	\$301,305.86	\$301,305.86	(\$301,305.86)	\$0.00	(\$301,305.86)	0.00%
6020.00000.1052000	W.F. SAVINGS CERTIFICATE-GREAT	\$0.00	\$105,011.23	\$105,011.23	(\$105,011.23)	\$0.00	(\$105,011.23)	0.00%
6020.00000.2539000	W.F. NET ASSETS-UNRESTRICTED	\$0.00	(\$386,596.35)	(\$386,596.35)	\$386,596.35	\$0.00	\$386,596.35	0.00%
	DEPT: GENERAL LEDGER ACCOUNTS - 00000	\$0.00	\$19,720.74	\$19,720.74	(\$19,720.74)	\$0.00	(\$19,720.74)	0.00%
6020.33000.3319900	W.F. I.R./F.G.-OTHER	(\$5,000.00)	\$0.00	\$0.00	(\$5,000.00)	\$0.00	(\$5,000.00)	100.00%
	DEPT: INTERGOVERNMENTAL REVENUES - 33000	(\$5,000.00)	\$0.00	\$0.00	(\$5,000.00)	\$0.00	(\$5,000.00)	100.00%
6020.33400.3341301	W.F. I.R./OTH.GR/DENR DW SRF C	\$0.00	(\$414,873.60)	(\$414,873.60)	\$414,873.60	\$0.00	\$414,873.60	0.00%
	DEPT: STATE GRANTS - 33400	\$0.00	(\$414,873.60)	(\$414,873.60)	\$414,873.60	\$0.00	\$414,873.60	0.00%
6020.36000.3610000	W.F. MISC.REV./INVESTMENT EARN	\$0.00	(\$5,011.23)	(\$5,011.23)	\$5,011.23	\$0.00	\$5,011.23	0.00%
	DEPT: MISC. REVENUE - 36000	\$0.00	(\$5,011.23)	(\$5,011.23)	\$5,011.23	\$0.00	\$5,011.23	0.00%
6020.38100.3810100	W.F. WATER/METERED & FLAT RATE	(\$675,000.00)	(\$669,074.93)	(\$669,074.93)	(\$5,925.07)	\$0.00	(\$5,925.07)	0.88%
6020.38100.3810300	W.F. WATER/SALE-SUPPLIES & MAT	(\$65,000.00)	(\$53,015.06)	(\$53,015.06)	(\$11,984.94)	\$0.00	(\$11,984.94)	18.44%
6020.38100.3810400	W.F. WATER/TAP FEES	\$0.00	(\$300.00)	(\$300.00)	\$300.00	\$0.00	\$300.00	0.00%
6020.38100.3810500	W.F. WATER/LABOR CHARGES OR FE	\$0.00	\$357.50	\$357.50	(\$357.50)	\$0.00	(\$357.50)	0.00%
6020.38100.3810600	W.F. WATER/MISC. CHARGES OR FE	\$0.00	\$30.00	\$30.00	(\$30.00)	\$0.00	(\$30.00)	0.00%
6020.38100.3819900	W.F. WATER/OTHER	\$0.00	(\$4,491.95)	(\$4,491.95)	\$4,491.95	\$0.00	\$4,491.95	0.00%
	DEPT: ENTERPRISE OPERATING REVENUE-WATER - 38100	(\$740,000.00)	(\$726,494.44)	(\$726,494.44)	(\$13,505.56)	\$0.00	(\$13,505.56)	1.83%
6020.39120.3910241	W.F. OS/OFS-OTHER BONDS ISS-SC	\$500,086.44	(\$103,718.40)	(\$103,718.40)	\$603,804.84	\$0.00	\$603,804.84	120.74%
	DEPT: LONG TERM DEBT ISSUED - 39120	\$500,086.44	(\$103,718.40)	(\$103,718.40)	\$603,804.84	\$0.00	\$603,804.84	120.74%
6020.43340.4110000	E.F. PW-WATER-DISTRIB/PS-SALAR	\$95,000.00	\$98,342.18	\$98,342.18	(\$3,342.18)	\$0.00	(\$3,342.18)	-3.52%
6020.43340.4121000	E.F. PW-WATER-DISTRIB/PS-OASI	\$6,000.00	\$5,914.55	\$5,914.55	\$85.45	\$0.00	\$85.45	1.42%
6020.43340.4122000	E.F. PW-WATER-DISTRIB/PS-MEDIC	\$1,500.00	\$1,383.26	\$1,383.26	\$116.74	\$0.00	\$116.74	7.78%
6020.43340.4130000	E.F. PW-WATER-DISTRIB/PS-RETIR	\$3,500.00	\$4,911.59	\$4,911.59	(\$1,411.59)	\$0.00	(\$1,411.59)	-40.33%
6020.43340.4140000	E.F. PW-WATER-DISTRIB/PS-WORKE	\$5,000.00	\$1,304.30	\$1,304.30	\$3,695.70	\$0.00	\$3,695.70	73.91%
6020.43340.4150000	E.F. PW-WATER-DISTRIB/PS-GROUP	\$15,000.00	\$33,560.24	\$33,560.24	(\$18,560.24)	\$0.00	(\$18,560.24)	-123.73%
6020.43340.4160000	E.F. PW-WATER-DISTRIB/PS-UNEMP	\$250.00	\$0.00	\$0.00	\$250.00	\$0.00	\$250.00	100.00%
6020.43340.4210000	E.F. PW-WATER-DISTRIB/OCE-INSU	\$7,500.00	\$2,344.00	\$2,344.00	\$5,156.00	\$0.00	\$5,156.00	68.75%
6020.43340.4220000	E.F. PW-WATER-DISTRIB/OCE-SERV	\$57,000.00	\$57,430.92	\$57,430.92	(\$430.92)	\$0.00	(\$430.92)	-0.76%
6020.43340.4230000	E.F. PW-WATER-DISTRIB/OCE-PUBL	\$1,000.00	\$593.45	\$593.45	\$406.55	\$0.00	\$406.55	40.66%
6020.43340.4240000	E.F. PW-WATER-DISTRIB/OCE-RENT	\$250.00	\$117.00	\$117.00	\$133.00	\$0.00	\$133.00	53.20%
6020.43340.4250200	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$1,000.00	\$38.71	\$38.71	\$961.29	\$0.00	\$961.29	96.13%
6020.43340.4250310	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$10,000.00	100.00%
6020.43340.4250320	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$5,000.00	\$2,560.60	\$2,560.60	\$2,439.40	\$0.00	\$2,439.40	48.79%
6020.43340.4250400	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$5,000.00	\$1,138.88	\$1,138.88	\$3,861.12	\$0.00	\$3,861.12	77.22%
6020.43340.4250410	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$5,000.00	\$903.25	\$903.25	\$4,096.75	\$0.00	\$4,096.75	81.94%
6020.43340.4261100	E.F. PW-WATER-DISTRIB/OCE-SUPP	\$5,000.00	\$12,353.53	\$12,353.53	(\$7,353.53)	\$0.00	(\$7,353.53)	-147.07%
6020.43340.4261160	E.F. PW-WATER-DISTRIB/OCE-S:NC	\$2,500.00	\$43.42	\$43.42	\$2,456.58	\$0.00	\$2,456.58	98.26%
6020.43340.4261200	E.F. PW-WATER-DISTRIB/OCE-SUPP	\$500.00	\$1,930.48	\$1,930.48	(\$1,430.48)	\$0.00	(\$1,430.48)	-286.10%
6020.43340.4261210	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$500.00	\$380.62	\$380.62	\$119.38	\$0.00	\$119.38	23.88%
6020.43340.4261211	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$2,500.00	\$7,151.26	\$7,151.26	(\$4,651.26)	\$0.00	(\$4,651.26)	-186.05%
6020.43340.4261220	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$7,500.00	\$8,863.46	\$8,863.46	(\$1,363.46)	\$0.00	(\$1,363.46)	-18.18%
6020.43340.4261230	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$500.00	\$421.93	\$421.93	\$78.07	\$0.00	\$78.07	15.61%
6020.43340.4261260	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$5,000.00	\$964.62	\$964.62	\$4,035.38	\$0.00	\$4,035.38	80.71%
6020.43340.4262910	E.F. PW-WATER-DISTRIB/OCE-MAT:	\$400,000.00	\$380,047.40	\$380,047.40	\$19,952.60	\$0.00	\$19,952.60	4.99%
6020.43340.4262920	E.F. PW-WATER-DISTRIB/OCE-MAT:	\$5,000.00	\$1,895.23	\$1,895.23	\$3,104.77	\$0.00	\$3,104.77	62.10%
6020.43340.4270000	E.F. PW-WATER-DISTRIB/OCE-TRAV	\$3,500.00	\$713.78	\$713.78	\$2,786.22	\$0.00	\$2,786.22	79.61%

CITY OF EAGLE BUTTE

Compilation

From Date: 1/1/2013

To Date: 12/31/2013

Fiscal Year: 2013-2013

Subtotal by Collapse Mask

Include pre encumbrance

Print accounts with zero balance

Filter Encumbrance Detail by Date Range

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
6020.43340.4280000	E.F. PW-WATER-DISTRIB/OCE-UTIL	\$7,500.00	\$10,099.91	\$10,099.91	(\$2,599.91)	\$0.00	(\$2,599.91)	-34.67%
6020.43340.4290000	E.F. PW-WATER-DISTRIB/OCE-OTHE	\$0.00	\$803.50	\$803.50	(\$803.50)	\$0.00	(\$803.50)	0.00%
6020.43340.4320000	E.F. PW-WATER-DISTRIB/CA-BUILD	\$17,000.00	\$0.00	\$0.00	\$17,000.00	\$0.00	\$17,000.00	100.00%
6020.43340.4330000	E.F. PW-WATER-DISTRIB/CA-IMP.	\$36,000.00	\$592,574.70	\$592,574.70	(\$556,574.70)	\$0.00	(\$556,574.70)	-1546.04%
6020.43340.4340000	E.F. PW-WATER-DISTRIB/CA-MACH.	\$514,376.93	\$1,590.16	\$1,590.16	\$512,786.77	\$0.00	\$512,786.77	99.69%
6020.43340.4570000	E.F. PW-WATER-DISTRIB/OE-DEPRE	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$5,000.00	100.00%
	DEPT: PW-WATER-DISTRIBUTION - 43340	\$1,230,376.93	\$1,230,376.93	\$1,230,376.93	\$0.00	\$0.00	\$0.00	0.00%
	FUND: ENTERPRISE FUND-WATER FUND - 6020	\$985,463.37	\$0.00	\$0.00	\$985,463.37	\$0.00	\$985,463.37	100.00%

CITY OF EAGLE BUTTE

Compilation

From Date: 1/1/2014

To Date: 6/30/2014

Fiscal Year: 2014-2014

Subtotal by Collapse Mask

Include pre encumbrance

Print accounts with zero balance

Filter Encumbrance Detail by Date Range

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
6020.00000.1010000	W.F. CASH/CASH & DEPOSITS	\$0.00	\$511,121.84	\$511,121.84	(\$511,121.84)	\$0.00	(\$511,121.84)	0.00%
6020.00000.1052000	W.F. SAVINGS CERTIFICATE-GREAT	\$0.00	\$105,011.23	\$105,011.23	(\$105,011.23)	\$0.00	(\$105,011.23)	0.00%
6020.00000.2200000	W.F. CUSTOMER DEPOSITS	\$0.00	(\$50.00)	(\$50.00)	\$50.00	\$0.00	\$50.00	0.00%
6020.00000.2539000	W.F. NET ASSETS-UNRESTRICTED	\$0.00	(\$406,317.09)	(\$406,317.09)	\$406,317.09	\$0.00	\$406,317.09	0.00%
	DEPT: GENERAL LEDGER ACCOUNTS - 00000	\$0.00	\$209,765.98	\$209,765.98	(\$209,765.98)	\$0.00	(\$209,765.98)	0.00%
6020.33400.3341301	W.F. I.R./OTH.GR/DENR DW SRF C	(\$995,200.00)	(\$127,096.20)	(\$127,096.20)	(\$868,103.80)	\$0.00	(\$868,103.80)	87.23%
	DEPT: STATE GRANTS - 33400	(\$995,200.00)	(\$127,096.20)	(\$127,096.20)	(\$868,103.80)	\$0.00	(\$868,103.80)	87.23%
6020.36000.3699900	W.F. MISC.REV./OTHER-OTHER	\$0.00	(\$397.59)	(\$397.59)	\$397.59	\$0.00	\$397.59	0.00%
	DEPT: MISC. REVENUE - 36000	\$0.00	(\$397.59)	(\$397.59)	\$397.59	\$0.00	\$397.59	0.00%
6020.38100.3810100	W.F. WATER/METERED & FLAT RATE	(\$675,000.00)	(\$304,589.74)	(\$304,589.74)	(\$370,410.26)	\$0.00	(\$370,410.26)	54.88%
6020.38100.3810110	W.F. WATER/PENALTY CALCULATION	\$0.00	(\$5,707.61)	(\$5,707.61)	\$5,707.61	\$0.00	\$5,707.61	0.00%
6020.38100.3810200	W.F. WATER/BULK WATER SALES	\$0.00	(\$3.95)	(\$3.95)	\$3.95	\$0.00	\$3.95	0.00%
6020.38100.3810300	W.F. WATER/SALE-SUPPLIES & MAT	(\$65,000.00)	(\$26,827.34)	(\$26,827.34)	(\$38,172.66)	\$0.00	(\$38,172.66)	58.73%
6020.38100.3810400	W.F. WATER/TAP FEES	\$0.00	(\$100.00)	(\$100.00)	\$100.00	\$0.00	\$100.00	0.00%
6020.38100.3810600	W.F. WATER/MISC. CHARGES OR FE	\$0.00	(\$8,481.74)	(\$8,481.74)	\$8,481.74	\$0.00	\$8,481.74	0.00%
6020.38100.3819900	W.F. WATER/OTHER	\$0.00	(\$1,705.86)	(\$1,705.86)	\$1,705.86	\$0.00	\$1,705.86	0.00%
	DEPT: ENTERPRISE OPERATING REVENUE-WATER - 38100	(\$740,000.00)	(\$347,416.24)	(\$347,416.24)	(\$392,583.76)	\$0.00	(\$392,583.76)	53.05%
6020.39120.3910241	W.F. OS/OFS-OTHER BONDS ISS-SC	(\$248,800.00)	(\$31,773.80)	(\$31,773.80)	(\$217,026.20)	\$0.00	(\$217,026.20)	87.23%
	DEPT: LONG TERM DEBT ISSUED - 39120	(\$248,800.00)	(\$31,773.80)	(\$31,773.80)	(\$217,026.20)	\$0.00	(\$217,026.20)	87.23%
6020.43340.4110000	E.F. PW-WATER-DISTRIB/PS-SALAR	\$93,000.00	\$50,359.64	\$50,359.64	\$42,640.36	\$0.00	\$42,640.36	45.85%
6020.43340.4121000	E.F. PW-WATER-DISTRIB/PS-OASI	\$6,000.00	\$2,972.23	\$2,972.23	\$3,027.77	\$0.00	\$3,027.77	50.46%
6020.43340.4122000	E.F. PW-WATER-DISTRIB/PS-MEDIC	\$1,500.00	\$695.11	\$695.11	\$804.89	\$0.00	\$804.89	53.66%
6020.43340.4130000	E.F. PW-WATER-DISTRIB/PS-RETIR	\$4,500.00	\$2,773.89	\$2,773.69	\$1,726.31	\$0.00	\$1,726.31	38.36%
6020.43340.4140000	E.F. PW-WATER-DISTRIB/PS-WORKE	\$5,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$5,000.00	100.00%
6020.43340.4150000	E.F. PW-WATER-DISTRIB/PS-GROUP	\$35,000.00	\$10,895.66	\$10,895.66	\$24,104.34	\$0.00	\$24,104.34	68.87%
6020.43340.4210000	E.F. PW-WATER-DISTRIB/OCE-INSU	\$10,000.00	\$5,897.00	\$5,897.00	\$4,103.00	\$0.00	\$4,103.00	41.03%
6020.43340.4220000	E.F. PW-WATER-DISTRIB/OCE-SERV	\$6,000.00	\$20,783.33	\$20,783.33	(\$14,783.33)	\$0.00	(\$14,783.33)	-246.39%
6020.43340.4230000	E.F. PW-WATER-DISTRIB/OCE-PUBL	\$750.00	\$566.26	\$566.26	\$183.74	\$0.00	\$183.74	24.50%
6020.43340.4240000	E.F. PW-WATER-DISTRIB/OCE-RENT	\$250.00	\$117.00	\$117.00	\$133.00	\$0.00	\$133.00	53.20%
6020.43340.4250310	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$10,000.00	100.00%
6020.43340.4250320	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$0.00	\$904.36	\$904.36	(\$904.36)	\$0.00	(\$904.36)	0.00%
6020.43340.4250400	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$1,500.00	\$2,567.44	\$2,567.44	(\$1,067.44)	\$0.00	(\$1,067.44)	-71.16%
6020.43340.4250410	E.F. PW-WATER-DISTRIB/OCE-R&M:	\$2,500.00	\$302.37	\$302.37	\$2,197.63	\$0.00	\$2,197.63	87.91%
6020.43340.4261100	E.F. PW-WATER-DISTRIB/OCE-SUPP	\$15,000.00	\$2,671.94	\$2,671.94	\$12,328.06	\$0.00	\$12,328.06	82.19%
6020.43340.4261160	E.F. PW-WATER-DISTRIB/OCE-S:NC	\$250.00	\$60.99	\$60.99	\$189.01	\$0.00	\$189.01	75.60%
6020.43340.4261200	E.F. PW-WATER-DISTRIB/OCE-SUPP	\$2,500.00	\$561.52	\$561.52	\$1,938.48	\$0.00	\$1,938.48	77.54%
6020.43340.4261210	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$500.00	\$185.71	\$185.71	\$314.29	\$0.00	\$314.29	62.86%
6020.43340.4261211	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$5,000.00	\$1,220.77	\$1,220.77	\$3,779.23	\$0.00	\$3,779.23	75.58%
6020.43340.4261220	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$8,500.00	\$3,895.52	\$3,895.52	\$4,604.48	\$0.00	\$4,604.48	54.17%
6020.43340.4261230	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$500.00	\$670.87	\$670.87	(\$170.87)	\$0.00	(\$170.87)	-34.17%
6020.43340.4261260	E.F. PW-WATER-DISTRIB/OCE-S:CS	\$1,250.00	\$1,372.01	\$1,372.01	(\$122.01)	\$0.00	(\$122.01)	-9.76%
6020.43340.4262910	E.F. PW-WATER-DISTRIB/OCE-MAT:	\$400,000.00	\$157,090.00	\$157,090.00	\$242,910.00	\$0.00	\$242,910.00	60.73%
6020.43340.4262920	E.F. PW-WATER-DISTRIB/OCE-MAT:	\$2,500.00	(\$474.93)	(\$474.93)	\$2,974.93	\$0.00	\$2,974.93	119.00%
6020.43340.4270000	E.F. PW-WATER-DISTRIB/OCE-TRAV	\$1,000.00	\$1,450.40	\$1,450.40	(\$450.40)	\$0.00	(\$450.40)	-45.04%
6020.43340.4280000	E.F. PW-WATER-DISTRIB/OCE-UTIL	\$10,000.00	\$7,008.81	\$7,008.81	\$2,991.19	\$0.00	\$2,991.19	29.91%
6020.43340.4336021	E.F. PW-WATER-DISTRIB/CA-IOTB:	\$1,244,000.00	\$0.00	\$0.00	\$1,244,000.00	\$0.00	\$1,244,000.00	100.00%
6020.43340.4340000	E.F. PW-WATER-DISTRIB/CA-MACH.	\$0.00	\$21,580.15	\$21,580.15	(\$21,580.15)	\$0.00	(\$21,580.15)	0.00%

CITY OF EAGLE BUTTE

Compilation

From Date: 1/1/2014

To Date: 6/30/2014

Fiscal Year: 2014-2014

Subtotal by Collapse Mask
 Include pre encumbrance
 Print accounts with zero balance
 Filter Encumbrance Detail by Date Range

Account Number	Description	GL Budget	Range To Date	YTD	Balance	Encumbrance	Budget Balance	% Bud
6020.43340.4341000	E.F. PW-WATER-DISTRIB/CA-M&E/C	\$0.00	\$790.00	\$790.00	(\$790.00)	\$0.00	(\$790.00)	0.00%
	DEPT: PW-WATER-DISTRIBUTION - 43340	\$1,867,000.00	\$296,917.85	\$296,917.85	\$1,570,082.15	\$0.00	\$1,570,082.15	84.10%
	FUND: ENTERPRISE FUND-WATER FUND - 6020	(\$117,000.00)	\$0.00	\$0.00	(\$117,000.00)	\$0.00	(\$117,000.00)	100.00%



CITY OF EAGLE BUTTE

FINANCIAL STATEMENTS AND ACCOUNTANT'S COMPILATION REPORT
FOR THE MONTH ENDED DECEMBER 2013
AND THE YEAR ENDED -DECEMBER 31, 2013



Ketel Thorstenson, LLP
Certified Public Accountants/Business & Personal Consultants

810 Quincy Street • Rapid City, SD 57701 • www.ktllp.com

CITY OF EAGLE BUTTE

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ACCOUNTANT'S COMPILATION REPORT

City Council
City of Eagle Butte
Eagle Butte, South Dakota

We have compiled the accompanying modified cash basis financial statements of each major fund and the aggregate remaining fund information of the **CITY OF EAGLE BUTTE** (the City), as of and for the month ended December 31, 2013, and for the year ended December 31, 2013, which collectively comprise the City's basic financial statements, as listed in the table of contents. We have not audited or reviewed the accompanying financial statements and, accordingly, do not express an opinion or provide any assurance about whether the financial statements are in accordance with the modified cash basis of accounting.

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting and for designing, implementing, and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the compilation in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. The objective of a compilation is to assist the management of the City in presenting financial information in the form of financial statements without undertaking to obtain or provide any assurance that there are no material modifications that should be made to the financial statements.

These financial statements were prepared on the modified cash basis, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. Under the modified cash basis of accounting, transactions are recorded in the accounts when cash is received or disbursed. Under the modified cash basis of accounting, the statement of net position reports only cash and certificates of deposit.

In addition, the accompanying statements include investment activity. Accordingly, the investments are carried at fair market value, and the unrealized holding gains are included as "investment earnings" in the statement of revenues, expenditures, and changes in fund balances.

As a result of the use of the modified cash basis of accounting, certain assets and their related revenues (such as accounts receivable and revenue for billed or provided services not yet collected) and certain liabilities and their related expenses (such as accounts payable and expenses for goods or services received but not yet paid, and accrued expenses and liabilities) are not recorded in these financial statements. In addition, modified cash basis statements exclude inventory, capital assets, and long-term debt balances.

If the City applied accounting principles generally accepted in the United States of America, the fund financial statements for governmental funds would use the modified accrual basis of accounting, while the government-wide financial statements and proprietary fund financial statements would use the accrual basis of accounting.

Management has elected to omit substantially all of the disclosures required by accounting principles generally accepted in the United States of America. If the omitted disclosures were included in the financial statements, they might influence the user's conclusions about the City's financial position, results of operations, and cash flows. Accordingly, the financial statements are not designed for those who are not informed about such matters.

We are not independent with respect to the City.

A handwritten signature in black ink that reads "Ketel Thorstenson, LLP".

KETEL THORSTENSON, LLP
Certified Public Accountants

May 9, 2014

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS BALANCE SHEET - MODIFIED CASH BASIS

DECEMBER 31, 2013

(See Accountant's Compilation Report)

	General Fund	Capital Projects Fund	Total
Assets:			
101 Cash	\$ -	\$ (55,350)	\$ (55,350)
TOTAL ASSETS	\$ -	\$ (55,350)	\$ (55,350)
Fund Deficit:			
262 Fund Deficit - Unassigned	\$ -	\$ (55,350)	\$ (55,350)
TOTAL FUND DEFICIT	\$ -	\$ (55,350)	\$ (55,350)

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCES - MODIFIED CASH BASIS

YEAR ENDING DECEMBER 31, 2013

(See Accountant's Compilation Report)

Revenue:	General Fund	Capital Projects Fund	Total
<i>Taxes:</i>			
311 Property Taxes	\$ 63,384	\$ -	\$ 63,384
313 Sales Taxes	477,372	-	477,372
314 Gross Receipts	30,184	-	30,184
319 Penalties and Interest	365	-	365
320 Licenses and Permits	325	-	325
<i>Intergovernmental Revenue:</i>			
334 Federal Grant	6,201	-	6,201
335 Bank Franchise Tax	424	-	424
335 Motor Vehicle Commercial Prorate	744	-	744
335 Liquor Tax Reversion	3,985	-	3,985
335 Motor Vehicle Licenses (5%)	1,508	-	1,508
335.1 Local Government Highway and Bridge	14,325	-	14,325
335.2 Other	708	-	708
338 County Road Tax (25%)	10,807	-	10,807
<i>Charges for Goods and Services:</i>			
346 Culture-Recreation - Golf Course and Restaurant	52,514	-	52,514
<i>Miscellaneous Revenue:</i>			
361 Investment Earnings	2,628	-	2,628
362 Rentals	3,215	-	3,215
368 Liquor Operating Agreements	4,932	-	4,932
369 Other	1,632	-	1,632
Total Revenue	675,253	-	675,253

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES, AND
 CHANGES IN FUND BALANCES – MODIFIED CASH BASIS (CONTINUED)
 YEAR ENDING DECEMBER 31, 2013
 (See Accountant’s Compilation Report)

	General Fund	Capital Projects Fund	Total
Expenditures:			
<i>General Government:</i>			
411 Legislative	47,625	-	47,625
412 Executive	17,342	-	17,342
413 Elections	883	-	883
414 Financial Administration	184,670	-	184,670
419 Other	25,822	-	25,822
<i>Public Safety:</i>			
421 Police	198,954	-	198,954
422 Fire	28,316	-	28,316
<i>Public Works:</i>			
431 Highway and Streets	132,796	55,350	188,146
432 Sanitation	412	-	412
435 Airport	9,101	-	9,101
<i>Health and Welfare:</i>			
441 Health	1,879	-	1,879
<i>Culture and Recreation:</i>			
451 Recreation-Golf Course and Restaurant	68,007	-	68,007
451 Recreation-Ballparks and Other	13,090	-	13,090
452 Parks	32,304	-	32,304
<i>Conservation and Development:</i>			
465 Promoting the City	13,463	-	13,463
470 Debt Service	61,844	-	61,844
485 Capital Outlay	164,487	-	164,487
Total Expenditures	1,000,995	55,350	1,056,345
Excess Expenditures Over Revenues	(325,742)	(55,350)	(381,092)
Other Financing Sources			
391 Transfer In	245,742	-	245,742
391.2 Long-Term Debt Issued	80,000	-	80,000
	325,742	-	325,742
Net Change in Fund Balance - Modified Cash Basis	-	(55,350)	(55,350)
Fund Balance - December 31, 2012	-	-	-
Fund Deficit - December 31, 2013	\$ -	\$ (55,350)	\$ (55,350)

CITY OF EAGLE BUTTE

PROPRIETARY FUNDS STATEMENT OF NET POSITION - MODIFIED CASH BASIS
 DECEMBER 31, 2013

(See Accountant's Compilation Report)

	Liquor Fund	Water Fund	Sewer Fund	Totals
Assets:				
Current Assets:				
101 Cash	\$ 190,046	\$ 301,306	\$ 169,868	\$ 661,220
105.2 Savings Certificate - Investments	105,012	105,011	14,604	224,627
107.2 Restricted Savings Certificate - Investments	-	-	28,441	28,441
151 Investments	-	-	123,620	123,620
Total Current Assets	\$ 295,058	\$ 406,317	\$ 336,533	\$ 1,037,908
Net Position:				
253.2 Restricted for Debt Service	\$ -	\$ -	\$ 28,441	\$ 28,441
253.9 Unrestricted	295,058	406,317	308,092	1,009,467
TOTAL NET POSITION	\$ 295,058	\$ 406,317	\$ 336,533	\$ 1,037,908

CITY OF EAGLE BUTTE

PROPRIETARY FUNDS STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND
 NET POSITION -MODIFIED CASH BASIS
 YEAR ENDING DECEMBER 31, 2013
 (See Accountant's Compilation Report)

	Liquor Fund	Water Fund	Sewer Fund	Total
Operating Revenue:				
380 Charges for Goods and Services and Operating Agreement	\$ 1,525,365	\$ 722,002	\$ 324,239	\$ 2,571,606
Customer Deposits Received (Net)	-	4,492	-	4,492
Total Operating Revenue	1,525,365	726,494	324,239	2,576,098
Operating Expenses:				
410 Personal Services	121,849	147,759	165,697	435,305
420 Operating Expenses	69,206	108,099	67,335	244,640
426.2 Materials (Cost of Goods Sold)	1,083,467	381,943	-	1,465,410
429 Taxes Collected to be Remitted	(262)	-	-	(262)
Total Operating Expenses	1,274,260	637,801	233,032	2,145,093
Operating Income	251,105	88,693	91,207	431,005
Nonoperating Revenue (Expenses):				
361 Investment Earnings	5,012	5,011	54,631	64,654
441 Principal and Interest Payments on Debt	-	-	(27,423)	(27,423)
485 Capital Outlay	-	(592,575)	-	(592,575)
511 Transfer Out	(245,742)	-	-	(245,742)
391.2 Long-Term Debt Issued	-	103,718	-	103,718
Total Nonoperating Revenue (Expenses)	(240,730)	(483,846)	27,208	(697,368)
Income (Loss) before Capital Grant	10,375	(395,153)	118,415	(266,363)
391.07 Capital Grant	-	414,874	-	414,874
Change in Net Position - Modified Cash Basis	10,375	19,721	118,415	148,511
Net Position - December 31, 2012	284,683	386,596	218,118	889,397
Net Position - December 31, 2013	\$ 295,058	\$ 406,317	\$ 336,533	\$ 1,037,908

CITY OF EAGLE BUTTE

STATEMENT OF FIDUCIARY NET POSITION - MODIFIED CASH BASIS
DECEMBER 31, 2013

(See Accountant's Compilation Report)

	<u>Private- Purpose Trust Fund</u>
Assets:	
101 Cash	\$ -
104 Investments - Governmental Mutal Funds	-
TOTAL ASSETS	\$ -
Net Position:	
253 Restricted for Retirement	\$ -
TOTAL NET POSITION	\$ -

CITY OF EAGLE BUTTE

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION - MODIFIED CASH BASIS

YEAR ENDING DECEMBER 31, 2013

(See Accountant's Compilation Report)

	<u>Private- Purpose Trust Fund</u>
Additions:	
361 Investment Loss	\$ (2)
Total Additions	(2)
Deductions:	
455 Pension and Pension Refunds	615
Total Deductions	615
Change in Net Position - Modified Cash Basis	(617)
Net Position - December 31, 2012	617
Net Position - December 31, 2013	\$ -

CITY OF EAGLE BUTTE

GOVERNMENTAL FUND STATEMENT OF REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCE - MODIFIED CASH BASIS

FOR THE MONTH ENDED DECEMBER 31, 2013

(See Accountant's Compilation Report)

Revenue:	General Fund	Capital Projects Fund	Total
<i>Taxes:</i>			
311 Property Taxes	\$ 6,297	\$ -	\$ 6,297
313 Sales Taxes	63,570	-	63,570
314 Gross Receipts	4,815	-	4,815
319 Penalties and Interest	47	-	47
<i>Intergovernmental Revenue:</i>			
335 Motor Vehicle Licenses (5%)	94	-	94
338 County Road Tax (25%)	359	-	359
<i>Miscellaneous Revenue:</i>			
361 Investment Earnings	1,482	-	1,482
362 Rentals	175	-	175
368 Liquor Operating Agreements	294	-	294
Total Revenue	77,133	-	77,133
Expenditures:			
<i>General Government:</i>			
411 Legislative	5,403	-	5,403
412 Executive	1,807	-	1,807
413 Elections	20	-	20
414 Financial Administration	16,113	-	16,113
419 Other	5,125	-	5,125
<i>Public Safety:</i>			
421 Police	18,755	-	18,755
422 Fire	1,570	-	1,570
<i>Public Works:</i>			
431 Highway and Streets	18,622	26,006	44,628
435 Airport	53	-	53
<i>Culture and Recreation:</i>			
451 Recreation-Golf Course and Restaurant	1,292	-	1,292
451 Recreation-Ball Parks and Other	120	-	120
452 Parks	353	-	353
<i>Conservation and Development:</i>			
470 Debt Service	1,833	-	1,833
485 Capital Outlay	-	-	-
Total Expenditures	71,066	26,006	97,072
Excess Expenditures Over Revenues	6,067	(26,006)	(19,939)
Other Financing Sources			
391.01 Transfer In	245,742	-	245,742
Net Change in Fund Balance - Modified Cash Basis	251,809	(26,006)	225,803
Fund Deficit - November 30, 2013	(251,809)	(29,344)	(281,153)
Fund Deficit - December 31, 2013	\$ -	\$ (55,350)	\$ (55,350)

CITY OF EAGLE BUTTE

PROPRIETARY FUNDS STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND
 NET POSITION -MODIFIED CASH BASIS
 FOR THE MONTH ENDED DECEMBER 31, 2013
 (See Accountant's Compilation Report)

	Liquor Fund	Water Fund	Sewer Fund	Total
Operating Revenue:				
380 Charges for Goods and Services and Operating Agreement	\$ 121,041	\$ 59,729	\$ 24,944	\$ 205,714
Customer Deposits Received (Net)	-	205	-	205
Total Operating Revenue	121,041	59,934	24,944	205,919
Operating Expenses:				
410 Personal Services	9,237	12,477	12,367	34,081
420 Operating Expenses	4,867	8,321	13,300	26,488
426.2 Materials (Cost of Goods Sold)	95,261	61,295	-	156,556
429 Taxes Collected to be Remitted	11,005	-	-	11,005
Total Operating Expenses	120,370	82,093	25,667	228,130
Operating Income (Loss)	671	(22,159)	(723)	(22,211)
Nonoperating Revenue (Expense):				
361 Investment Earnings	5,012	5,011	(2,468)	7,555
485 Capital Outlay	-	(2,476)	-	(2,476)
511 Transfer Out	(245,742)	-	-	(245,742)
Total Nonoperating Expense	(240,730)	2,535	(2,468)	(240,663)
Change in Net Position - Modified Cash Basis	(240,059)	(19,624)	(3,191)	(262,874)
Net Position - November 30, 2013	535,117	425,941	339,724	1,300,782
Net Position - December 31, 2013	\$ 295,058	\$ 406,317	\$ 336,533	\$ 1,037,908

CITY OF EAGLE BUTTE

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION - MODIFIED CASH BASIS
FOR THE MONTH ENDED DECEMBER 31, 2013

(See Accountant's Compilation Report)

	<u>Private- Purpose Trust Fund</u>
Additions:	
361 Investment Gain	\$ -
<hr/>	
Deductions:	
455 Pension and Pension Refunds	-
<hr/>	
Change in Net Position - Modified Cash Basis	-
Net Position - November 30, 2013	-
<hr/>	
Net Position -December 31, 2013	\$ -
<hr/>	

CITY OF EAGLE BUTTE

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INDEPENDENT AUDITOR'S REPORT

To the Mayor and City Council
City of Eagle Butte, South Dakota

We have audited the accompanying modified cash basis financial statements of the governmental activities, the business-type activities, each major fund, the aggregate remaining fund information, and the related notes to the financial statements of the City of Eagle Butte, South Dakota (the City), as of and for the year ended December 31, 2012, which collectively comprise the City's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

The City's management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash basis of accounting described in Note 1.c.; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is responsible for the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatements, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to previously present fairly, in all material respects, the respective financial position – modified cash basis of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City, as of December 31, 2012, and the respective changes in financial position – modified cash basis, thereof for the year then ended in conformity with the basis of accounting described in Note 1.

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City of Eagle Butte
Page 2

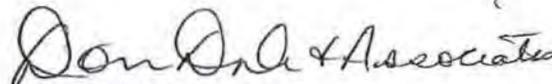
We draw attention to Note 1.c. of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Other Matters

Our audit was conducted for the purpose of forming opinions on the modified cash basis of accounting financial statements that collectively comprise the City of Eagle Butte's financial statements as a whole. The management's discussion and analysis and budgetary comparison information on pages 3 through 7 and 27 to 28 are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May 14, 2014, on our consideration of the City of Eagle Butte, South Dakota's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.


Donna Denker & Associates
Certified Public Accountants

May 14, 2014

CITY OF EAGLE BUTTE

MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2012

Our discussion and analysis of the City of Eagle Butte's (the City) financial performance provides an overview of the City's financial activities for the year ended December 31, 2012, within the limitations of the City's modified cash basis of accounting. We encourage readers to consider it in conjunction with the City's financial statements.

FINANCIAL HIGHLIGHTS

- The City funded various airport projects totaling approximately \$228,000 in the General Fund with multiple Federal Aviation Administration and USDA Rural Development grants during 2012.
- The City experienced an increase in enterprise fund revenues of ten percent due to rate increases in January and June 2012.
- The City began several large construction processes by incurring engineering costs and evaluating potential funding sources including grants and debt through Rural Development. The total expended in 2012 towards these projects was \$94,770 within the General, Water and Sewer Funds.
- The Liquor Fund transferred \$147,462 to the General Fund to eliminate the General Fund's 2012 operating deficit.
- The City received a small community planning grant for engineering studies on water and sewer utilities totaling \$18,000.

USING THIS ANNUAL REPORT

This annual report is presented in a format consistent with the presentation requirements of the Governmental Accounting Standards Board (GASB) Statement No. 34, as applicable to the City's modified cash basis of accounting.

Report Components

This annual report consists of four parts as follows:

Government-wide Financial Statements: The Statement of Net Position and the Statement of Activities provide information about the activities of the City using a government-wide focus (or "as a whole").

Fund Financial Statements: Fund financial statements focus on the individual parts of the City government. Fund financial statements also report the City's operations in more detail than the government-wide statements by providing information about the City's most significant ("major") funds. For *governmental activities*, these statements tell how these services were financed in the short term, as well as what remains for future spending. For *proprietary activities*, these statements offer financial information about the activities the City operates like businesses, such as water, sewer, and solid waste services.

Notes to the Financial Statements: The notes to the financial statements are an integral part of the government-wide and fund financial statements and provide expanded explanation and details regarding the information reported in the statements.

Other Information: This Management's Discussion and Analysis and the Budgetary Comparison Schedule represent financial information that may be presented. Such information provides users of this report with additional data that supplements the government-wide statements, fund financial statements, and notes (referred to as "the basic financial statement").

Basis of Accounting

The City has elected to present its financial statements on a modified cash basis of accounting. This modified cash basis of accounting is a basis of accounting other than generally accepted accounting principles. Basis of accounting is a reference to *when* financial events are recorded, such as the timing for recognizing revenues, expenses, and their related assets and liabilities. Under the City's modified cash basis of accounting, revenues and expenses, and related assets are recorded when they result from cash transactions.

CITY OF EAGLE BUTTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED) DECEMBER 31, 2012

USING THIS ANNUAL REPORT (CONTINUED)

Basis of Accounting (Continued)

An acceptable modification to the cash basis of accounting implemented by the City in these financial statements is the investment balances and investment transactions also included in the accompanying financial statements.

As a result of the use of this modified cash basis of accounting, certain assets and their related revenues, (such as accounts receivable and revenue for billed or provided services not yet collected) and liabilities and their related expenses (such as accounts payable and expenses for goods or services received but not yet paid, and accrued expenses and liabilities) *are not recorded* in these financial statements. Therefore, when reviewing the financial information and discussion within this annual report, the reader should keep in mind the limitations resulting from the use of the modified cash basis of accounting.

Reporting the City as a Whole

The City's Reporting Entity Presentation

This annual report includes all activities for which the City of Eagle Butte's City Commission is fiscally responsible. These activities, defined as the City's reporting entity, are operated within separate legal entities that make up the primary government. The primary government includes the legal entity of the City of Eagle Butte.

The Government-wide Statement of Net Position and the Statement of Activities

One of the most important questions asked about the City's finances is, "Is the City as a whole better off or worse off as a result of the year's activities?" The Statement of Net Position and the Statement of Activities report information about the City as a whole and about its activities in a way that helps answer this question. These statements include all of the City's assets resulting from the use of the modified cash basis of accounting.

These two statements report the City's net position and changes in them. Keeping in mind the limitations of the modified cash basis of accounting, you can think of the City's net position as one way to measure the City's financial health or financial position. Over time, increases or decreases in the City's net position are one indicator of whether its financial health is improving or deteriorating. You will need to consider other nonfinancial factors, however, such as changes in the City's sales tax base and the condition of the City's roads, to assess the overall health of the City.

In the Statement of Net Position and the Statement of Activities, we divide the City into two kinds of activities:

Governmental activities. Most of the City's basic services are reported here, including the police, general government, streets and parks. Sales taxes, property taxes and state and federal grants finance most of these activities.

Business-type activities. The City charges a fee to customers to help it cover all or most of the cost of certain services it provides. The City's liquor store, water system, and sewer system are reported here.

Reporting the City's Most Significant Funds

The Fund Financial Statements

The fund financial statements provide detailed information about the most significant funds, not the City as a whole. Some funds are required to be established by State law and by bond covenants. However, the City Commission establishes certain other funds to help it control and manage money for particular purposes or to show that it is meeting legal responsibilities for using certain taxes, grants, and other money. The City has three kinds of funds – *Governmental, Proprietary, and Fiduciary.*

CITY OF EAGLE BUTTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)
DECEMBER 31, 2012

USING THIS ANNUAL REPORT (CONCLUDED)

Reporting the City's Most Significant Funds (Continued)

The Fund Financial Statements (Continued)

Governmental funds - Most of the City's basic services are reported in governmental funds, which focus on how money flows into and out of those funds and the balances left at year-end that are available for spending. These funds report the acquisition of capital assets and payments for debt principal as expenditures and not as changes to asset and debt balances. The governmental fund statements provide a detailed short-term view of the City's general government operations and the basic services it provides. Governmental fund information helps you determine (through a review of changes to fund balance) whether there are more or fewer financial resources that can be spent in the near future to finance the City's programs. The City considers the General Fund to be its significant or major governmental fund.

Proprietary funds - When the City charges customers for the services it provides, these services are generally reported in proprietary funds. The City's proprietary (enterprise) fund financial statements are essentially the same as the business-type activities we report in the government-wide statements, but the fund statements provide more detail and additional information. The Liquor, Water and Sewer Funds are major proprietary funds of the City.

Fiduciary funds - Funds used to account for assets that are held in trustee or fiduciary capacity. The private-purpose trust retirement fund is the only fund maintained by the City.

A FINANCIAL ANALYSIS OF THE CITY AS A WHOLE

Net Position - Modified Cash Basis

The City's combined net position, resulting from modified cash basis transactions, are as follows:

	Governmental Activities		Business-Type Activities		Totals	
	2012	2011	2012	2011	2012	2011
ASSETS:						
Cash	\$ -	\$ -	\$ 575,017	\$ 448,293	\$ 575,017	\$ 448,293
Investments	-	-	314,380	204,272	314,380	204,272
TOTAL POSITION	\$ -	\$ -	\$ 889,397	\$ 652,565	\$ 889,397	\$ 652,565
NET POSITION:						
Restricted	\$ -	\$ -	\$ 28,440	\$ 28,440	\$ 28,440	\$ 28,440
Unrestricted	-	-	860,957	624,125	860,957	624,125
TOTAL NET POSITION	\$ -	\$ -	\$ 889,397	\$ 652,565	\$ 889,397	\$ 652,565

CITY OF EAGLE BUTTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONTINUED)
DECEMBER 31, 2012

A FINANCIAL ANALYSIS OF THE CITY AS A WHOLE (CONTINUED)

Changes in Net Position-Modified Cash Basis

For the years ended December 31, 2012 and 2011, net position of the primary government (resulting from modified cash basis transactions) are as follows:

	Governmental Activities		Business-Type Activities		Totals	
	2012	2011	2012	2011	2012	2011
Programs Revenues						
Charges for Services	\$ 90,618	\$ 39,256	\$ 2,523,698	\$ 2,295,659	\$ 2,614,316	\$ 2,334,915
Operating Grants and Contributions	25,719	44,788	-	-	25,719	44,788
Capital Grants and Contributions	306,491	296,598	18,000	-	324,491	296,598
General Revenues						
Property Tax	67,837	60,491	-	-	67,837	60,491
Sales Tax	455,755	552,263	-	-	455,755	552,263
State Shared Revenues	4,494	2,800	-	-	4,494	2,800
Investment Income (Losses)	1,953	1,334	11,288	(16,734)	13,241	(15,400)
Miscellaneous	1,640	7,581	-	3,827	1,640	11,408
Total Revenues	954,507	1,005,111	2,552,986	2,282,752	3,507,493	3,287,863
Expenses						
General Government	268,183	245,705	-	-	268,183	245,705
Public Safety	196,980	234,935	-	-	196,980	234,935
Public Works	394,978	578,052	-	-	394,978	578,052
Health and Welfare	13,836	6,926	-	-	13,836	6,926
Culture and Recreation	195,981	135,604	-	-	195,981	135,604
Conservation and Development	32,011	21,070	-	-	32,011	21,070
Liquor	-	-	1,234,761	1,140,425	1,234,761	1,140,425
Water	-	-	655,351	563,563	655,351	563,563
Sewer	-	-	278,580	263,029	278,580	263,029
Total Expenses	1,101,969	1,222,292	2,168,692	1,967,017	3,270,661	3,189,309
Transfers	147,462	178,252	(147,462)	(178,252)	-	-
Beginning Balance	-	38,929	652,565	515,082	652,565	554,011
Change in Net Position	-	(38,929)	236,832	137,483	236,832	98,554
Ending Net Position	\$ -	\$ -	\$ 889,397	\$ 652,565	\$ 889,397	\$ 652,565

CITY OF EAGLE BUTTE

MANAGEMENT'S DISCUSSION AND ANALYSIS (CONCLUDED) DECEMBER 31, 2012

A FINANCIAL ANALYSIS OF THE CITY AS A WHOLE (CONCLUDED)

Governmental Activities

To aid in the understanding of the Statement of Activities, some additional explanation is given. Of particular interest is the format that is significantly different from a typical Statement of Revenue, Expenses, and Changes in Fund Balance. You will notice that expenses are listed in the first column, with revenues from that particular program reported to the right. The result is a Net Change in Net Position. This type of format highlights the relative financial burden of each of the functions on the City's taxpayers. It also identifies how much each function draws from the general revenues or if it is self-financing through fees and grants or contributions. All other governmental revenues are reported as general. It is important to note that all taxes are classified as general revenue, even if restricted for a specific purpose.

For the year ended December 31, 2012, total expenses for governmental activities, resulting from modified cash basis transactions, amounted to \$1,101,969, a decrease from 2011 of 9.8 percent. A significant portion of the decrease in expenditures was due to the airport projects being completed. Revenues decreased in 2012 by 5 percent, primarily due to a decrease in sales tax revenue.

Business-Type Activities

For fiscal year 2012, the business-type activities reported net revenues over expenses of \$236,832, after transfers. The net revenues over expenses is up approximately \$100k from 2011 due to rate increases in water and sewer.

A FINANCIAL ANALYSIS OF THE CITY'S FUNDS

Certain funds experienced noteworthy changes from the prior year and are highlighted as follows:

- On the modified cash basis of accounting, the General Fund reported revenues and transfers in of \$1,101,969 and expenditures of \$1,101,969.
- The Liquor Fund, Water Fund, and Sewer Fund reported net position of \$284,683, \$386,596 and \$218,118 at the end of 2012, respectively.

General Fund Budgetary Highlights

The City adopted supplemental appropriations to cover unexpected expenditures, primarily airport expenditures.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET AND RATES

For the upcoming year ending December 31, 2013, the City has adopted a formal budget based on expected revenues and expenses. On September 27, 2012, the City was awarded the following:

- A \$593,000 Drinking Water State Revolving Fund (SRF) Loan with \$474,000 in principal forgiveness for the City's Water Meter Replacement Project with terms of zero percent for 10 years.
- A \$1,244,000 Drinking Water SRF Loan with \$995,000 in principal forgiveness was awarded for water distribution system improvements with terms of zero percent for 30 years.
- A \$1,561,000 Clean Water SRF loan and a \$173,000 Consolidate Water Facilities Construction Program grant for its wastewater facilities improvements project. The loan terms are 3 percent interest for 20 years.

The City expended approximately \$30,000 during 2012 for planning and engineering for these projects.

CONTACTING THE CITY'S FINANCIAL MANAGEMENT

This financial report is designated to provide a general overview of the City's finances and to demonstrate the City's accountability for the money it receives. If you have questions about this report or need additional financial information, contact the City of Eagle Butte, Finance Officer, P.O. Box 150, Eagle Butte, SD 57625.

CITY OF EAGLE BUTTE

STATEMENT OF NET POSITION - MODIFIED CASH BASIS
DECEMBER 31, 2012

	<u>Governmental</u> <u>Activities</u>	<u>Business-Type</u> <u>Activities</u>	<u>Total</u>
ASSETS:			
Cash	\$ -	\$ 575,017	\$ 575,017
Investments	-	285,940	285,940
Restricted Investments	-	28,440	28,440
TOTAL ASSETS	\$ -	\$ 889,397	\$ 889,397
NET POSITION:			
Restricted for:			
Debt Service	\$ -	\$ 28,440	\$ 28,440
Change in Net Position - Modified Cash Basis	-	860,957	860,957
TOTAL NET POSITION	\$ -	\$ 889,397	\$ 889,397

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

STATEMENT OF ACTIVITIES - MODIFIED CASH BASIS
FOR THE YEAR ENDED DECEMBER 31, 2012

<u>Functions/Programs</u>	<u>Expenses</u>	<u>--- Program Revenues ---</u>			<u>----- Net (Expense) Revenue and -----</u> <u>Changes in Net Position</u>		<u>Total</u>
		<u>Charges for Services</u>	<u>Operating Grants and Contributions</u>	<u>Capital Grants and Contributions</u>	<u>Governmental Activities</u>	<u>Business-Type Activities</u>	
Primary Government:							
Governmental Activities:							
General Government	\$ 268,183	\$ 8,727	\$ -	\$ -	\$ (259,456)	\$ -	\$ (259,456)
Public Safety	196,980	-	-	-	(196,980)	-	(196,980)
Public Works	394,978	-	25,719	306,491	(62,768)	-	(62,768)
Health and Welfare	13,836	-	-	-	(13,836)	-	(13,836)
Culture and Recreation	195,981	81,891	-	-	(114,090)	-	(114,090)
Conservation and Development	32,011	-	-	-	(32,011)	-	(32,011)
Total Governmental Activities	1,101,969	90,618	25,719	306,491	(679,141)	-	(679,141)
Business Type Activities							
Liquor	1,234,761	1,438,322	-	-	-	203,561	203,561
Water	655,351	744,876	-	8,000	-	97,525	97,525
Sewer	278,580	340,500	-	10,000	-	71,920	71,920
Total Business-Type Activities	2,168,692	2,523,698	-	18,000	-	373,006	373,006
Total Primary Government	\$ 3,270,661	\$ 2,614,316	\$ 25,719	\$ 324,491	(679,141)	373,006	(306,135)
General Revenues:							
Taxes:							
Property Taxes					67,837	-	67,837
Sales Taxes					455,755	-	455,755
State Shared Revenues					4,494	-	4,494
Unrestricted Investment Earnings					1,953	11,288	13,241
Miscellaneous Revenue					1,640	-	1,640
Transfers					147,462	(147,462)	-
Total General Revenues and Transfers					679,141	(136,174)	542,967
Change in Net Position					-	236,832	236,832
Net Position-December 31, 2011					-	652,565	652,565
Net Position-December 31, 2012					\$ -	\$ 889,397	\$ 889,397

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS BALANCE SHEET - MODIFIED CASH BASIS
DECEMBER 31, 2012

	<u>General Fund</u>
ASSETS:	
101 Cash	\$ -
TOTAL ASSETS	\$ -
<hr/>	
262 Fund Balance - Unassigned	\$ -
TOTAL FUND BALANCE	\$ -

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES, AND
CHANGES IN FUND BALANCE -MODIFIED CASH BASIS
FOR THE YEAR ENDED DECEMBER 31, 2012

Revenue:		General Fund
310	<i>Taxes:</i>	
311	Property Taxes	\$ 65,568
313	Sales Taxes	455,755
315	Amusement Taxes	732
319	Penalties and Interest on Delinquent Taxes	1,537
320	Licenses and Permits	400
330	<i>Intergovernmental Revenue:</i>	
331	Federal Grants - Airport Project	306,491
335.01	Bank Franchise Tax	375
335.02	Motor Vehicle Commercial Prorate	651
335.03	Liquor Tax Reversion	4,119
335.04	Motor Vehicle Licenses (5%)	1,333
335.08	Local Government Highway and Bridge	14,048
338.01	County Road Tax (25%)	9,687
340	<i>Charges for Goods and Services:</i>	
346	Culture and Recreation - Golf Course	81,891
360	<i>Miscellaneous Revenue:</i>	
361	Investment Earnings	1,953
362	Rentals	3,755
368	Liquor Operating Agreements	4,572
369	Other	1,640
Total Revenue		954,507

CITY OF EAGLE BUTTE

GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES, AND
 CHANGES IN FUND BALANCES - MODIFIED CASH BASIS (CONTINUED)
 FOR THE YEAR ENDED DECEMBER 31, 2012

	General Fund
Expenditures:	
410 <i>General Government:</i>	
411 Legislative	48,189
412 Executive	17,158
413 Elections	2,609
414 Financial Administration	165,037
419 Other	18,528
420 <i>Public Safety:</i>	
421 Police	170,049
422 Fire	26,931
430 <i>Public Works:</i>	
431 Highway and Streets	123,610
435 Airport	7,600
440 <i>Health and Welfare:</i>	
441 Health	13,836
450 <i>Culture and Recreation:</i>	
451 Recreation - Ballparks and Other	17,891
451 Recreation - Golf Course and Restaurant	118,483
452 Parks	28,643
460 <i>Conservation and Development:</i>	
465.3 Promoting the City	32,011
485 <i>Capital Outlay - Airport Project</i>	209,457
485 <i>Capital Outlay - Other</i>	101,937
Total Expenditures	1,101,969
Other Financing Sources	
391.01 Transfer In	147,462
Total Other Financing Sources	147,462
Net Change in Fund Balance - Modified Cash Basis	-
Fund Balance - December 31, 2011	-
262 Fund Balance - December 31, 2012	\$ -

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

PROPRIETARY FUNDS STATEMENT OF NET POSITION - MODIFIED CASH BASIS
DECEMBER 31, 2012

	<u>Liquor Fund</u>	<u>Water Fund</u>	<u>Sewer Fund</u>	<u>Totals</u>
ASSETS:				
Current Assets:				
101 Cash	\$ 184,683	\$ 286,596	\$ 103,738	\$ 575,017
105.2 Savings Certificate - Investments	100,000	100,000	14,440	214,440
107.2 Restricted Savings Certificate - Investments	-	-	28,440	28,440
151 Investments	-	-	71,500	71,500
Total Current Assets	\$ 284,683	\$ 386,596	\$ 218,118	\$ 889,397
NET POSITION:				
253.2 Restricted for Debt Service	\$ -	\$ -	\$ 28,440	\$ 28,440
253.9 Unrestricted	284,683	386,596	189,678	860,957
Total Net Position	\$ 284,683	\$ 386,596	\$ 218,118	\$ 889,397

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

PROPRIETARY FUNDS STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND
NET POSITION -MODIFIED CASH BASIS
FOR THE YEAR ENDED DECEMBER 31, 2012

	Liquor Fund	Water Fund	Sewer Fund	Totals
Operating Revenue:				
380 Charges for Goods and Services and Operating Agreement	\$ 1,438,322	\$ 738,151	\$ 340,500	\$ 2,516,973
Customer Deposits Received (Net)	-	6,725	-	6,725
Total Operating Revenue	1,438,322	744,876	340,500	2,523,698
Operating Expenses:				
410 Personal Services	112,627	115,278	146,264	374,169
420 Operating Expenses	68,781	81,811	66,859	217,451
426.2 Materials (Cost of Goods Sold)	1,053,291	400,301	-	1,453,592
429 Taxes Collected to be Remitted	62	-	-	62
Total Operating Expenses	1,234,761	597,390	213,123	2,045,274
Operating Income	203,561	147,486	127,377	478,424
Nonoperating Revenue (Expenses):				
361 Investment Earnings	-	-	11,288	11,288
441 Principal and Interest Payments on Debt	-	-	(29,457)	(29,457)
485 Capital Outlay	-	(57,961)	(36,000)	(93,961)
Total Nonoperating Expenses	-	(57,961)	(54,169)	(112,130)
Grants and Transfer:				
331 Capital Grants	-	8,000	10,000	18,000
511 Transfer Out	(147,462)	-	-	(147,462)
Grants and Transfer	(147,462)	8,000	10,000	(129,462)
Change in Net Position - Modified Cash Basis	56,099	97,525	83,208	236,832
Net Position - December 31, 2011	228,584	289,071	134,910	652,565
Net Position - December 31, 2012	\$ 284,683	\$ 386,596	\$ 218,118	\$ 889,397

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

**STATEMENT OF FIDUCIARY NET POSITION - MODIFIED CASH BASIS
DECEMBER 31, 2012**

	<u>Private- Purpose Trust Fund</u>
ASSETS	
104 Investments - Governmental Mutual Funds	\$ 617
TOTAL ASSETS	\$ 617
NET POSITION	
Restricted for Retirement	\$ 617
TOTAL NET POSITION	\$ 617

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION - MODIFIED CASH BASIS
FOR THE YEAR ENDED DECEMBER 31, 2012

	<u>Private- Purpose Trust Fund</u>
Additions:	
361 Investment Earnings	\$ 34
Total Additions	34
Deductions	
455 Pension and Pension Refunds	960
Total Deductions	960
Change in Net Position - Modified Cash Basis	(926)
Net Position - December 31, 2011	1,543
Net Position - December 31, 2012	\$ 617

The accompanying notes are an integral part of this statement.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS
DECEMBER 31, 2012

1. Summary of Significant Accounting Policies

As discussed further in Note 1.c, these financial statements are presented on a modified cash basis of accounting. The modified cash basis of accounting differs from accounting principles generally accepted in the United States of America (GAAP). Generally accepted accounting principles include all relevant Governmental Accounting Standards Board (GASB) pronouncements.

a. Financial Reporting Entity:

The reporting entity of the City of Eagle Butte (the City) consists of the primary government, which includes all of the funds, organizations, institutions, agencies, departments, and offices that make up the legal entity; those organizations for which the primary government is financially accountable; and other organizations for which the nature and significance of their relationship with the primary government are such that their exclusion would cause the financial reporting entity's financial statements to be misleading or incomplete.

b. Basis of Presentation:

Government-wide Financial Statements:

The Statement of Net Position and Statement of Activities display information about the reporting entity as a whole. These statements include all funds of the reporting entity, except fiduciary funds. The statements distinguish between governmental and business-type activities. Governmental activities generally are financed through taxes, intergovernmental revenues, and other non-exchange revenues. Business-type activities are financed in whole or in part by fees charged to external parties for goods or services.

The Statement of Activities presents a comparison between direct expenses and program revenues for each segment of the business-type activities of the City and for each function of the City's governmental activities. Direct expenses are those that are specifically associated with a program or function and, therefore, are clearly identifiable to a particular function. Program revenues include (a) charges paid by recipients of goods and services offered by the programs and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented as general revenues.

Fund Financial Statements:

Fund financial statements of the reporting entity are organized into funds, each of which is considered to be a separate accounting entity. Each fund is accounted for by providing a separate set of self-balancing accounts that constitute its assets, liabilities, fund equity, revenues, and expenditures/expenses. Funds are organized into three major categories: governmental, proprietary and fiduciary. An emphasis is placed on major funds within the governmental and proprietary categories. A fund is considered major if it is the primary operating fund of the City or it meets the following criteria:

1. Total assets, liabilities, revenues, or expenditures/expenses of the individual governmental or enterprise fund are at least 10 percent of the corresponding total for all funds of that category or type, and
2. Total assets, liabilities, revenues, or expenditures/expenses of the individual governmental or enterprise fund are at least 5 percent of the corresponding total for all governmental and enterprise funds combined, or
3. Management has elected to classify one or more governmental or enterprise funds as major for consistency in reporting from year to year, or because of public interest in the fund's operations.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

1. Summary of Significant Accounting Policies (Continued)

b. Basis of Presentation (Continued):

Fund Financial Statements (Continued):

The funds of the City's financial reporting entity are described below:

Governmental Funds:

General Fund – the General Fund is the general operating fund of the City. It is used to account for all financial resources except those required to be accounted for in another fund. The General Fund is always considered to be a major fund.

Proprietary Funds:

Enterprise Funds – enterprise funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

Liquor Fund – Financed primarily by customer charges for goods and services and operating agreements, this fund accounts for the construction and operation of the on-sale municipal liquor store (SDCL 35-3-21). The liquor fund is a major fund.

Water Fund – Financed primarily by user charges, this fund accounts for the construction and operation of the municipal waterworks system and related facilities (SDCL 9-47-1). The water fund is a major fund.

Sewer Fund – Financed primarily by user charges, this fund accounts for the construction and operation of the municipal sanitary sewer system and related facilities (SDCL 9-48-2). The sewer fund is a major fund.

Fiduciary Funds:

Fiduciary fund types are used to account for assets held by a government unit in a trustee capacity or as an agent for individuals, private organizations, or other governmental units. Fiduciary funds are never considered major. The retirement fund is the only fiduciary fund of the City and is a private-purpose trust fund.

c. Measurement Focus and Basis of Accounting:

Measurement focus is a term used to describe how transactions are recorded within the various financial statements. Basis of accounting refers to when revenues and expenditures or expenses are recognized in the accounts and reported in the financial statements, regardless of the measurement focus.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

1. Summary of Significant Accounting Policies (Continued)

c. Measurement Focus and Basis of Accounting (Continued):

Measurement Focus:

In the government-wide Statement of Net Position and Statement of Activities, both governmental and business-type activities are presented using the economic resources measurement focus, applied within the limitations of the modified cash basis of accounting as defined below.

In the fund financial statements, the current financial resources measurement focus or the economic resources measurement focus is used, applied within the limitations of the modified cash basis of accounting.

Basis of Accounting:

The government-wide Statement of Net Position and Statement of Activities and the fund financial statements, governmental and business-type activities are presented using a modified cash basis of accounting, which is a basis of accounting other than GAAP.

The modified cash basis of accounting involves the measurement of cash and cash equivalents and changes in cash and cash equivalents resulting from cash receipt and disbursement transactions. Under the modified cash basis of accounting, the statement of financial position reports only cash and cash equivalents. Under the modified cash basis of accounting, transactions are recorded in the accounts when cash and/or cash equivalents are received or disbursed. An acceptable modification to the cash basis of accounting implemented by the City in these financial statements is the investment balances and investment transactions are also included in the accompanying financial statements.

Under GAAP, transactions are recorded in the accounts when revenue is earned and liabilities are incurred. As a result of reporting on the modified cash basis of accounting, certain assets (i.e. capital assets) and their related revenues (such as accounts receivable and revenue for billed or provided services not yet collected) and certain liabilities and their related expenses (such as accounts payable and expenses for goods or services received but not yet paid, accrued expenses and liabilities, and capital assets and their related debt) are not recorded in these financial statements.

If the City applied GAAP, the fund financial statements for governmental funds would use the modified accrual basis of accounting, while the fund financial statements for proprietary fund types would use the accrual basis of accounting. All government-wide financial statements would be presented on the accrual basis of accounting.

d. Deposits and Investments:

For the purpose of financial reporting, "cash and cash equivalents" includes all demand and savings accounts and investments with a term to maturity at the date of acquisition of three months or less. Investments are recorded at fair market value.

e. Capital Assets:

Under the modified cash basis of accounting, the City's capital assets are considered a cost of the program for which they were acquired, for the amount paid in cash, in the government-wide financial statements, the fund financial statements, and the proprietary financial statements.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

1. Summary of Significant Accounting Policies (Continued)

f. Long-Term Liabilities:

Under the modified cash basis of accounting, cash proceeds from long-term debt issuances are recorded as a receipt, while payments to creditors to reduce long-term debts are recorded as a cost of the program which benefits from the financing. Interest costs are not allocated, but are reported as a separate program cost category. Long-term debts arising from cash transactions of all funds are not reported as liabilities in these modified cash basis financial statements.

g. Program Revenues:

Program revenues derive directly from the program itself or from parties other than the City's taxpayers or citizenry, as a whole. Program revenues are classified into three categories, as follows:

1. Charges for services – These arise from charges to customers, applicants, or others who purchase, use, or directly benefit from the goods, services, or privileges provided, or are otherwise directly affected by the services.
2. Program-specific operating grants and contributions – These arise from mandatory and voluntary non-exchange transactions with other governments, organizations, or individuals that are restricted for use in a particular program.
3. Program-specific capital grants and contributions – These arise from mandatory and voluntary non-exchange transactions with other governments, organizations, or individuals that are restricted for the acquisition of capital assets for use in a particular program.

h. Proprietary Funds Revenue and Expense Classifications:

In the Proprietary Funds Statement of Revenues, Expenses, and Changes in Fund Net Position – Modified Cash Basis, revenues and expenses are classified as operating revenues and expenses unless the transactions relate to capital and related financing activities, noncapital financing activities, or investing activities.

i. Equity Classifications:

Government-wide Statements:

Equity is classified as net position and is displayed in two components under the modified cash basis:

1. Restricted net position – Consists of net position with constraints placed on their use either by (a) external groups such as creditors, grantors, contributors, or laws and regulations of other governments; or (b) law through constitutional provisions or enabling legislation.
2. Unrestricted net position – All other net positions that do not meet the definition of restricted.

Fund Financial Statements:

Governmental fund equity is classified as fund balance, and may distinguish between Nonspendable, Restricted, Committed, Assigned, or Unassigned components. Proprietary fund equity is classified the same as in the government-wide financial statements.

j. Application of Net Position:

It is the City's policy to first use restricted net position, prior to the use of unrestricted net position, when an expense is incurred for purposes for which both restricted and unrestricted net position are available.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

1. Summary of Significant Accounting Policies (Concluded)

k. Fund Balance Classification Policies and Procedures

In accordance with Government Accounting Standards Board (GASB) No. 54, Fund Balance Reporting and Governmental Fund Type Definitions, the City classifies governmental fund balances as follows:

Nonspendable – includes fund balance amounts that cannot be spent either because it is not in spendable form or because of legal or contractual constraints.

Restricted – includes fund balance amounts that are constrained for specific purposes which are externally imposed by providers, such as creditors or amounts constrained due to constitutional provisions or enabling legislation.

Committed – includes fund balance amounts that are constrained for specific purposes that are internally imposed by the government through formal action of the highest level of decision making authority and does not lapse at year-end.

Assigned – includes fund balance amounts that are intended to be used for specific purposes that are neither considered restricted or committed. Fund Balance may be assigned by the City Council, Mayor, or Finance Officer.

Unassigned – includes positive fund balance within the General Fund which has not been classified within the above mentioned categories and negative fund balances in other governmental funds.

The City uses restricted /committed amounts first when both restricted and unrestricted fund balance is available unless there are legal documents/contracts that prohibit doing this, such as a grant agreement requiring dollar for dollar spending. Additionally, the City would first use committed, then assigned, and lastly unassigned amounts of unrestricted fund balance when expenditures are made.

The City does not have a formal minimum fund balance policy.

2. Deposits and Investments

The City follows the practice of aggregating the cash assets of various funds to maximize cash management efficiency and returns. Various restrictions on deposits and investments are imposed by statutes. These restrictions are summarized below:

Deposits - The City's cash deposits are made in qualified public depositories as defined by SDCL 4-6A-1, 9-22-6, 9-22-6.1, and 9-22-6.2, and may be in the form of demand or time deposits. Qualified depositories are required by SDCL 4-6A-3 to maintain at all times, segregated from their other assets, eligible collateral having a value equal to at least 100 percent of the public deposit accounts which exceed deposit insurance such as the FDIC and NCUA. In lieu of pledging eligible securities, a qualified public depository may furnish irrevocable standby letters of credit issued by federal home loan banks accompanied by written evidence of that bank's public debt rating, which may not be less than "AA," or a qualified public depository may furnish a corporate surety bond of a corporation authorized to do business in South Dakota.

Investments - In general, SDCL 4-5-6 permits City funds to be invested in (a) securities of the United States and securities guaranteed by the United States government either directly or indirectly; or (b) repurchase agreements fully collateralized by securities described in (a) above; or in shares of an open-end, no-load fund administered by an investment company whose investments are in securities described in (a) above and repurchase agreements described in (b) above. Also, SDCL 4-5-9 requires investments to be in the physical custody of the political subdivision or may be deposited in a safekeeping account with any bank or trust company designated by the political subdivision as its fiscal agent.

CITY OF EAGLE BUTTE

**NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012**

2. Deposits and Investments (Continued)

The City is invested in 2,507 shares of the Principal Financial Group stock with a fair market value of \$71,500 at December 31, 2012. Such investment violates state law as noted above. The City received the stock due to a demutualization of the City's previous health insurance provider. The stock was not purchased by the City.

Custodial Credit Risk:

The risk that, in the event of a depository failure, the City's deposits may not be returned to it. The City does not have a deposit policy for custodial credit risk. As of December 31, 2012, none of the City's deposits were exposed to custodial credit risk.

Interest Rate Risk:

The City does not have a formal policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Credit Risk:

State law limits eligible investments for the City, as discussed above. The City has no investment policy that would further limit its investment choices.

Assignment of Investment Income:

State law allows income from deposits and investments to be credited to either the General Fund or the fund making the investment. The City's policy is to credit all income from deposits and investments to the General Fund. GAAP, on the other hand, requires income from deposits and investments to be reported in the fund whose assets generated that income except where legal or contractual requirements require investment income to be credited to a fund other than the one associated with the assets. Where the governing board has discretion to credit investment income to a fund other than the fund that provided the resources for investment, a transfer to the designated fund is reported. Accordingly, in the fund financial statements, interfund transfers of investment earnings are reported, while in the government-wide financial statements, they have been eliminated, except for the net amounts transferred between governmental activities and business-type activities.

3. Property Taxes

Property taxes are levied on or before October 1 of the year preceding the start of the fiscal year. They attach as an enforceable lien on property, and become due and payable as of January 1, the first day of the fiscal year. Taxes are payable in two installments on or before April 30 and October 31 of the fiscal year. The City is permitted by several state statutes to levy varying amounts of taxes per \$1,000 of taxable valuation on taxable real property in the City.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

4. Long-Term Debt

Changes in long-term debt for the year ending December 31, 2012:

	Balance 12/31/2011	Additions	Retirements	Balance 12/31/2012	Due Within One Year
Governmental Activities:					
Capital Lease - Street Sweeper	\$ -	\$ 65,000	\$ 10,000	\$ 55,000	\$ 17,438
Business-Type Activities:					
2001 Sewer Revenue Bonds	198,606	-	3,335	195,271	3,487
2002 Sewer Revenue Bonds	139,381	-	2,636	136,745	3,138
2002 Sewer and Storm Utility Revenue Bonds	105,016	-	1,999	103,017	2,378
Total Business-Type	443,003	-	7,970	435,033	9,003
Total Primary Government	\$ 443,003	\$ 65,000	\$ 17,970	\$ 490,033	\$ 26,441

Long-term debt at December 31, 2012, is comprised of the following:

Revenue Bonds

2001 Sewer Revenue Bonds due in monthly installments of \$1,017, including interest at 4.5 percent, through July 2041. Sewer revenues are pledged for these bonds.
Financed through the Sewer Fund. \$ 195,271

2002 Sewer Revenue Bonds due in monthly installments of \$771, including interest at 4.5 percent, through June 2037. Sewer revenues are pledged for these bonds.
Financed through the Sewer Fund. 136,745

2002 Sewer and Storm Utility Revenue Bonds due in monthly installments of \$582, including interest at 4.5 percent through May 2037. Sewer revenues are pledged for these bonds. Financed through the Sewer Fund. 103,017

Capital Lease

Capital lease for purchase of a street sweeper. Due in annual installments of \$20,215, including interest at 5.05 percent, through June 2015. Financed through the General Fund. 55,000

Total Long-Term Debt **\$ 490,033**

No cash was received for the capital lease purchase, so the transaction is not included in the accompanying financial statements. The original cost of the equipment was \$65,000 and no depreciation is recorded.

The City has a bond reserve of \$28,440 at December 31, 2012, in compliance with their debt covenants.

Pledged Revenue

The City has pledged future revenues of the Sewer Fund for the retirement of its revenue bonds listed above. This debt was used to fund capital projects. The current principal balance plus interest at the stated applicable rate over the life of the debt represents the amount of future revenue pledged. Below is a comparison of principal and interest payments and total pledged revenue for the current year:

Current Year Principal and Interest	\$ 29,457
Pledged Sewer Fund Revenue	340,500

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

4. Long-Term Debt (Continued)

The annual requirements to amortize debt outstanding as of December 31, 2012 are as follows:

	Sewer Revenue Bonds		Capital Lease		Total	
	Principal	Interest	Principal	Interest	Principal	Interest
2013	\$ 9,003	\$ 19,436	\$ 17,438	\$ 2,778	\$ 26,441	\$ 22,214
2014	9,417	19,023	18,319	1,897	27,736	20,920
2015	9,850	18,590	19,243	972	29,093	19,562
2016	10,251	18,189	-	-	10,251	18,189
2017	10,774	17,666	-	-	10,774	17,666
2018-2022	61,712	80,488	-	-	61,712	80,488
2023-2027	77,256	64,944	-	-	77,256	64,944
2028-2032	96,695	45,505	-	-	96,695	45,505
2033-2037	112,039	21,183	-	-	112,039	21,183
2038-2041	38,036	3,028	-	-	38,036	3,028
Total	\$ 435,033	\$ 308,052	\$ 55,000	\$ 5,647	\$ 490,033	\$ 313,699

The total interest paid for the year ending December 31, 2012, was \$20,469.

5. Retirement Plan

All employees, except for part-time employees, participate in the South Dakota Retirement System (SDRS), a cost-sharing, multiple employer public employee retirement system established to provide retirement benefits for employees of the State of South Dakota and its political subdivisions. The SDRS provides retirement, disability and survivor benefits. The right to receive retirement benefits vests after three years of credited service. Authority for establishing, administering and amending plan provisions are found in South Dakota Codified Law 3-12. The SDRS issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to the SDRS, P.O. Box 1098, Pierre, SD 57501-1098 or by calling (605) 773-3731.

General employees are required by state statute to contribute 6 percent of their salary to the plan, while public safety and judicial employees contribute at 8 percent and 9 percent, respectively. State statute also requires the employer to contribute an amount equal to the employee's contribution. State statute also requires the employer to make an additional contribution in the amount of 6.2 percent for any compensation exceeding the maximum taxable amount for social security for general employees only. The City's share of contributions to the SDRS for the fiscal years ended December 31, 2012, 2011, and 2010 were \$82,973, \$99,045, and \$12,322, respectively. The contributions during the years ended December 31, 2012 and 2011, included additional contributions of \$60,000 and \$76,430, respectively, to provide a contribution equal to one year of retirement for current employees for each five years of consecutive full-time employment. These additional contributions were made in installments starting in 2011 and will continue into 2013.

6. Risk Management

The City is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. During the period ended December 31, 2012, the City managed its risks as follows:

Unemployment Benefits:

The City has elected to be self-insured and retain all risk for liabilities resulting from claims for unemployment benefits. During the year ended December 31, 2012, the City paid unemployment benefits totaling \$4,239. At December 31, 2012, no claims had been filed for unemployment benefits.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONTINUED)
DECEMBER 31, 2012

6. Risk Management (Continued)

Health Insurance:

The City purchases health insurance for its employees from a commercial insurance carrier. Settled claims resulting from these risks have not exceeded the liability coverage during the past three years.

Liability Insurance:

The City joined the South Dakota Public Assurance Alliance (SDPAA), a public entity risk pool currently operating as a common risk management and insurance program for South Dakota local government entities. The objective of the SDPAA is to administer and provide risk management services and risk sharing facilities to the members and to defend and protect the members against liability, to advise members on loss control guidelines and procedures, and provide them with risk management services, loss control and risk reduction information and to obtain lower costs for that coverage. The City's responsibility is to promptly report to and cooperate with the SDPAA to resolve any incident which could result in a claim being made by or against the City. The City pays an annual premium, to provide liability coverage detailed below, under a claims-made policy and the premiums are accrued based on the ultimate cost of the experience to date of the SDPAA member, based on their exposure or type of coverage. The City pays an annual premium to the pool to provide coverage for general liability, errors and omissions, property, auto (liability and physical damage), pollution liability, and police professional liability.

The agreement with the SDPAA provides that the above coverages will be provided up to a \$1,000,000 limit. Member premiums are used by the pool for payment of claims and to pay for reinsurance for claims in excess of \$250,000 for property coverage and \$500,000 for liability coverage to the upper limit. A portion of the member premiums are also allocated to a cumulative reserve fund, on the following basis.

End of City's First Full Year	50%
End of City's Second Full Year	60%
End of City's Third Full Year	70%
End of City's Fourth Full Year	80%
End of City's Fifth Full Year	90%
End of City's Sixth Full Year and Thereafter	100%

As of December 31, 2012, the City has a vested balance in the cumulative reserve fund of \$-0-, as 2012 was the City's first year under SDPAA. The City does not carry additional insurance to cover claims in excess of the upper limit. Settled claims resulting from these risks have not exceeded the liability coverage during the past three years.

Worker's Compensation:

The City participates in the South Dakota Municipal League Worker's Compensation Fund, a public entity risk pool currently operating as a common risk management and insurance program for South Dakota local government entities. The objective of the fund is to formulate, develop, and administer, on behalf of the member organizations, a program of worker's compensation coverage, to obtain lower costs for that coverage, and to develop a comprehensive loss control program. The City's responsibility is to initiate and maintain a safety program to give its employees safe and sanitary working conditions and to promptly report to and cooperate with the Fund to resolve any worker's compensation claims. The City pays an annual premium, to provide worker's compensation coverage for its employees, under a self-funded program and the premiums are accrued based on the ultimate cost of the experience to date of the Fund members. Coverage limits are set by state statute. The pool pays the first \$650,000 of any claim per individual. The pool has reinsurance which covers up to the statutory limit in addition to a separate combined employee employer liability limit of \$2,000,000 per incident. The City does not carry additional insurance to cover claims in excess of the upper limit. Settled claims resulting from these risks have not exceeded the liability coverage during the past three years.

CITY OF EAGLE BUTTE

NOTES TO FINANCIAL STATEMENTS – MODIFIED CASH BASIS (CONCLUDED)
DECEMBER 31, 2012

7. **Interfund Transfers**

Interfund transfers for the year ended December 31, 2012, were as follows:

	Transfer In	Transfer Out
General Fund	\$ 147,462	\$ -
Liquor Fund	-	147,462
Total	\$ 147,462	\$ 147,462

The Liquor Fund transferred funds to the General Fund to eliminate a deficit cash balance in the General Fund primarily due to normal budgetary deficits of the General Fund and airport project expenditures.

CITY OF EAGLE BUTTE

BUDGETARY COMPARISON SCHEDULE - BUDGETARY BASIS
 GENERAL FUND
 FOR THE YEAR ENDED DECEMBER 31, 2012

	Budgeted Amounts		Budgetary	Variance
	<u>Original</u>	<u>Final</u>	<u>Basis Actual Amounts</u>	
Revenue:				
<i>310 Taxes:</i>				
311 General Property Taxes	\$ 63,000	\$ 63,000	\$ 65,568	\$ 2,568
313 Sales Taxes	575,000	575,000	455,755	(119,245)
315 Amusement Taxes	500	500	732	232
319 Penalties and Interest on Delinquent Taxes	-	-	1,537	1,537
320 Licenses and Permits	400	400	400	-
<i>330 Intergovernmental Revenue</i>				
331 Federal Grants - Airport Project	-	306,491	306,491	-
335.01 Bank Franchise Tax	350	350	375	25
335.02 Motor Vehicle Commercial Prorate	1,500	1,500	651	(849)
335.03 Liquor Tax Reversion	3,000	3,000	4,119	1,119
335.04 Motor Vehicle Licenses (5%)	1,000	1,000	1,333	333
335.08 Local Government Highway and Bridge	7,500	7,500	14,048	6,548
338.01 County Road Tax (25%)	9,000	9,000	9,687	687
<i>340 Charges for Goods and Services:</i>				
346 Culture and Recreation - Golf Course	-	81,891	81,891	-
<i>360 Miscellaneous Revenue:</i>				
361 Investment Earnings	2,500	2,500	1,953	(547)
362 Rentals	1,800	1,800	3,755	1,955
368 Liquor Operating Agreements	5,000	5,000	4,572	(428)
369 Other	101,600	101,600	1,640	(99,960)
Total Revenue	772,150	1,160,532	954,507	(206,025)

CITY OF EAGLE BUTTE

BUDGETARY COMPARISON SCHEDULE - BUDGETARY BASIS (CONTINUED)
GENERAL FUND
FOR THE YEAR ENDED DECEMBER 31, 2012

	Budgeted Amounts		Budgetary	Variance
	Original	Final	Basis - Actual Amounts	
Expenditures:				
<i>410 General Government:</i>				
411 Legislative	35,000	48,189	48,189	-
412 Executive	19,000	19,000	17,158	1,842
413 Elections	1,000	2,609	2,609	-
414 Financial Administration	195,000	195,000	167,360	27,640
419 Other	80,000	80,000	32,867	47,133
<i>420 Public Safety:</i>				
421 Police	195,000	195,000	170,049	24,951
422 Fire	25,000	26,931	26,931	-
<i>430 Public Works:</i>				
431 Highways and Streets	197,000	197,000	158,921	38,079
435 Airport	10,000	236,057	236,057	-
<i>440 Health and Welfare:</i>				
441 Health	11,000	13,836	13,836	-
<i>450 Culture and Recreation</i>				
451 Recreation - Ballparks and Other	10,000	25,291	25,291	-
451 Recreation - Golf Course and Restaurant	42,000	133,718	118,483	15,235
452 Parks	46,000	53,207	52,207	1,000
<i>460 Conservation and Development:</i>				
465.3 Promoting the City	24,000	32,013	32,011	2
Total Expenditures	890,000	1,257,851	1,101,969	155,882
Other Financing Sources:				
391.01 Transfers In	-	147,462	147,462	-
Total Other Financing Sources	-	147,462	147,462	-
Net Change in Fund Balance	(117,850)	50,143	-	(50,143)
Fund Balance - December 31, 2011	-	-	-	-
Fund Balance - December 31, 2012	\$ (117,850)	\$ 50,143	\$ -	\$ (50,143)

The notes to the other information are an integral part of this statement.

CITY OF EAGLE BUTTE

**NOTES TO OTHER INFORMATION
DECEMBER 31, 2012**

(1) Budgets and Budgetary Accounting

The City's policy is to follow these procedures in establishing the budgetary data reflected in the financial statements.

1. At the first regular board meeting in September of each year or within ten days thereafter, the governing board introduces the annual appropriation ordinance for the ensuing fiscal year. The City approved the original 2012 budget during the February 15, 2012 council meeting.
2. After adoption by the governing board, the operating budget is legally binding and actual disbursements for each purpose cannot exceed the amounts budgeted, except as indicated in item number 4.
3. A line item for contingencies may be included in the annual budget. Such a line item may not exceed 5 percent of the total municipal budget and may be transferred by resolution of the governing board to any other budget category that is deemed insufficient during the year.
4. If it is determined during the year that sufficient amounts have not been budgeted, state statute allows the adoption of supplemental budgets.
5. Unexpended appropriations lapse at year end unless encumbered by resolution of the governing board.
6. The City did not encumber any amounts at December 31, 2012 and 2011.
7. Formal budgetary integration is employed as a management control device during the year for the general fund.
8. A budget for the general fund is adopted on a basis consistent with the modified cash basis of accounting.

(2) GAAP Budgetary Accounting Basis Differences

Financial statements prepared in conformity with the modified cash basis of accounting would present capital outlay expenditure information in a separate category of expenditures. Under the budgetary basis of accounting, capital outlay expenditures should be reported within the function to which they relate. For example, the purchase of a new fire truck should be reported as a capital outlay expenditure on the Governmental Funds Statement of Revenues, Expenditures, and Changes in Fund Balances; however, in the Budgetary Comparison Schedule, the purchase of a fire truck should be reported as an expenditure of the Public Safety/Fire Department function of government, along with all other current Fire Department related expenditures.

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

To the Mayor and City Council
City of Eagle Butte, South Dakota

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Eagle Butte, South Dakota (the City), as of and for the year ended December 31, 2012, and the related notes to the financial statements, which collectively comprise Eagle Butte, South Dakota's basic financial statements and have issued our report thereon dated May 14, 2014.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the City's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we do not express an opinion on the effectiveness of the City's internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as described in the accompanying schedule of findings and recommendations, we identified deficiencies in internal control that we consider to be a material weakness and a significant deficiency.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. We consider the deficiency 1-2010, described in the accompanying schedule of findings and recommendations, to be a material weakness.

A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We consider the deficiency 2-2012, described in the accompanying schedule of findings and recommendations, to be a significant deficiency.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion, the result of our tests disclosed instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards* and which are described in the accompanying schedule of findings and recommendations as item 1-2010.

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City of Eagle Butte
Page 2

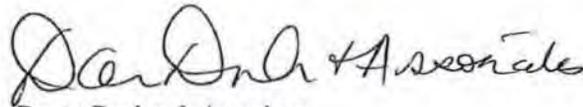
We noted certain other matters that we reported to the management of the City in a separate letter dated May 14, 2014.

Eagle Butte, South Dakota's Response to Findings

The Municipality did not wish to respond to the findings identified in our audit as described in the accompanying schedule of auditor's findings and recommendations.

Purpose of This Report

This report is intended solely for the information and use of the South Dakota Legislature and the governing board and management of the City of Eagle Butte, South Dakota and is not intended to be and should not be used by anyone other than these specified parties. However, as required by South Dakota Codified Law 4-11-11, this report is a matter of public record and its distribution is not limited.



Donna Denker & Associates
Certified Public Accountants

May 14, 2014

**CITY OF EAGLE BUTTE
SCHEDULE OF AUDITOR'S FINDINGS AND RECOMMENDATIONS
DECEMBER 31, 2012**

MATERIAL WEAKNESS

1-2010 Investment in Public Funds

Condition: The City has \$71,500 invested in common stock.

Criteria: Public funds are required to be invested in qualified public depositories as defined in SDCL 4-6A or specific types of investment as defined in SDCL 4-5-6. Common stock investments are not allowed within the statutes.

Cause: The City received common stock due to the demutualization of the City's prior health insurance provider. No action has been taken by the City Council to move the funds to an allowable account.

Result: The City is not in compliance with State statutes.

Recommendation: We recommend the city invest these funds in a public depository as allowed by SDCL 4-6A or in investments allowed by SDCL 4-5-6.

SIGNIFICANT DEFICIENCY

2-2012 Internal Control over Disbursements

Condition: The City's internal controls over expenditures and payroll improved again in 2012, however, we noted some exceptions to City procedures during testing.

Criteria: Strong internal control requires proper segregation of duties as well as documentation of review and approval. Without proper documentation and review the City is at risk for misappropriation of assets.

Cause: The City improved controls over expenditures and payroll during the year by including the assistant finance officer as part of the control process. In addition, reports were provided to the Mayor and Council. Although the internal controls over disbursements and payroll improved during the year, we noted some missing approvals.

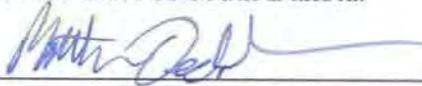
Result: We noted invoices were not available with the check documentation for 4 of the 60 items selected for testing. The invoices should be available for the check signers during the approval process and maintained with the check documentation. The invoices were provided subsequent to our field work. In addition, we noted warrant vouchers were not available for 2 of 60 items selected for testing. We noted a small difference in the approved pay for one employee selected for testing.

Recommendation: Documentation of the review process is a key to a good internal control system. All documentation should be available during the check approval process and maintained with the check documentation. During review of payroll reports pay rates should be monitored to ensure the wage paid agrees with the approved rate. In addition, accounts payable and payroll reports should be reviewed, agreed to the meeting minutes and initialed by the Mayor or a designated Council Member to show approval.

FACILITIES PLAN
FOR
WATER SYSTEM IMPROVEMENTS
EAGLE BUTTE, SOUTH DAKOTA

April 2012

I hereby certify that this plan, specification or report was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of South Dakota.

By 
Matthew N. Oedekoven, P.E.

South Dakota License No. 10252

Date 5/16/2012

DGR Project No. 662100



DEWILD GRANT RECKERT & ASSOCIATES COMPANY
CONSULTING ENGINEERS

ROCK RAPIDS, IA • SIOUX FALLS, SD • SIOUX CITY, IA
(712) 472-2531 (605) 339-4157 (712) 266-1554

FACILITIES PLAN
FOR
WATER SYSTEM IMPROVEMENTS
EAGLE BUTTE, SOUTH DAKOTA

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WATER RATE ANALYSIS

Existing Water Rate:	\$36.35 per month for 5,000 gallons	Water Meter Replacement =	\$593,000
		Hwy 212 & Sycamore =	\$633,000
No. of Users:	907	Main Replacement =	\$234,000
Principal: \$1,460,000		Total Project Costs =	\$1,460,000
Interest Rate:	0.00%		
Repayment Period:	30 years		

Grant/Loan Ratio	0%	25%	50%	75%	100%
Grant Amount	\$0	\$365,000	\$730,000	\$1,095,000	\$1,460,000
Loan Amount	\$1,460,000	\$1,095,000	\$730,000	\$365,000	\$0
Debt Service	\$48,667	\$36,500	\$24,333	\$12,167	\$0

Minimum Rate Increase Required for Debt Service	\$4.47	\$3.35	\$2.24	\$1.12	\$0.00
Additional Revenue with Minimum Rate Increase	\$48,667	\$36,500	\$24,333	\$12,167	\$0
Surplus/Deficit (Revenue - Debt Service)	\$0	\$0	\$0	\$0	\$0

Proposed Water Rate	\$40.82	\$39.70	\$38.59	\$37.47	\$36.35
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Percentage Increase Required	12%	9%	6%	3%	0%
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FACILITIES PLAN
FOR
WATER SYSTEM IMPROVEMENTS
EAGLE BUTTE, SOUTH DAKOTA

I. INTRODUCTION

The City of Eagle Butte is a small community located in Dewey and Ziebach Counties in central South Dakota.

In March 2012, Dewild Grant Reckert and Associates (DGR) was hired to complete a Water System Study and to prepare a comprehensive report of the City's existing drinking water system and identify areas for operational efficiencies and improvements. The City currently purchases all of its drinking water from Tri-County Water Association, Inc. (also sometimes referred to as Mni Waste' Water). The City does not currently have a formal contract with Tri-County Water Association, Inc. (TCWA) for water service. The previous agreement between the City and TCWA was revoked in 1997 when management turnover within TCWA occurred.

Additionally, inefficiencies resulting from aging meters, poor access to meters during winter months, and significant tampering concerns have resulted in unreliable usage records. It has also been noted that there are areas within City limits that are not currently served with City water, and poor pressure and flows are evident in the southern portion of town. The aging infrastructure has resulted in multiple emergency repairs to their distribution system over the last several years.

II. ENVIRONMENTAL REVIEW

A. Environmental Information:

1. Community Information

a. Contact Information

The City of Eagle Butte may be contacted through one of the methods below:

Mail: City of Eagle Butte
P.O. Box 150
209 Main Street
Eagle Butte, SD 57265-0150

Phone: (605) 964-8783

Fax: (605) 964-8785

Email: sjganje@cityofeaglebutte.com

- b. Employee Identification Number (EIN)
46-6003342
- c. City Council - May 2012

Stephanie Davidson, Mayor
Richard Zacher
Kiel Lemke
Wanda M. Lind
Dale B. McCrea
Harley H. Morgan
J. Daniel Shepherd

The City of Eagle Butte has an aldermanic form of government whereby a six-person council is elected from three wards for staggered two-year terms and the mayor is elected at large by popular vote and serves a two-year term as well.

City Council Mission Statement:

The City of Eagle Butte Council shall govern with foresight, diplomacy, and diligence. It is our mission to provide quality and safe services that best meet the needs of the community for which they serve. The City shall act to ensure equality, liberty and justice for all.

City Council Goals and Objectives:

The City Council shall govern within the parameter provided by the State of South Dakota. The City Council's primary goal is to listen to the community and address the needs as expressed by the community or anticipated by the city council. The vision for our community is to continually strive to maintain past and current improvements, provide new improvements and added services and finally ensure a safe, esthetically pleasing and ever a progressive community where our residents wish to remain and others are drawn into the community either on a permanent basis (new business and new families) or on a temporary basis (tourism, industry, shopping, education and services).

Planning/Development Personnel:

-Sheila J. Ganje, Finance Officer

-Benjamin Jon Ganje, Streets/Parks/Water/Wastewater Superintendent

2. Geography/History

The City of Eagle Butte is a municipality located in the rural, agricultural based and economically depressed, north central South Dakota, approximately 80 miles northwest of the capital city of Pierre. The city limits place the Eagle Butte community within the counties of Dewey County and Ziebach County. Eagle Butte's location is equidistant to and from three major mid-western metropolitan trading centers, Rapid City, South Dakota, Aberdeen, South Dakota, and Bismarck, North Dakota. See aerial photo in Figure No. 1 at the end of this report.

The City of Eagle Butte is considered to be very remote by most standards with the closest cities located either 90 miles from Eagle Butte – Pierre, SD or 180 miles from Eagle Butte – Rapid City, SD. US Highway 212, one of the longest major routes in the United States, passes through the northern edge of the Eagle Butte Community and serves as a major route to and from Eagle Butte. Highway 63 runs west of Eagle Butte where it connects with a highway leading to Pierre in one direction or to the Black Hills in another direction.

The City of Eagle Butte was incorporated in 1911. In 1910 Eagle Butte was composed of one store and a tent. Less than a year later, the lure of free land in South Dakota to homesteaders made Eagle Butte a thriving city of 66 businesses in the middle of the prairie. In 1960 the town became the headquarters of the Cheyenne River Sioux Tribe (CRST) and the Bureau of Indian Affairs (BIA) and was thereby transformed into a unique juxtaposition of culture and influences.

3. Demographics

The City of Eagle Butte is located in north central South Dakota within the rural, agricultural based, economically depressed counties of Dewey County and Ziebach County. Both counties were recently ranked in the top ten poorest counties in the United States. Ziebach County continues to have the highest poverty rate in America since 2004 and unemployment is common. The City of Eagle Butte is an under-served community suffering economic hardship. The counties of Dewey and Ziebach are rural and agriculturally based whereby the largest percentage of the individuals residing within these two counties derive an income generated by family owned farms and ranches. The farmers and ranchers rely on the natural resources of the grassland for their very livelihood. Aside from the farm and ranch industry whereby individuals are generally self-employed, the three largest employers within the community are the Bureau of Indian Affairs (BIA), Cheyenne River Sioux Tribe (CRST) and the Indian Health Service (IHS).

The Eagle Butte community is a rapidly growing population center in South Dakota. The population in Eagle Butte grew approximately 17% between 2000 and 2010 as shown by the Census Statistics below.

2000 Census

Eagle Butte:	619
North Eagle Butte:	<u>2,168</u>
	2,787

2010 Census

Eagle Butte:	1,318
North Eagle Butte:	<u>1,954</u>
	3,272

The corporate boundaries and close proximity of census tracts make it difficult to accurately estimate population; however, the current population estimates indicate that 3300-3400 people reside within the Eagle Butte community that would include the City of Eagle Butte and the North Eagle Butte (not incorporated). See Census Data at the end of this report.

The Eagle Butte community is the largest community in Dewey County and may well become the largest community in Ziebach County in the near future, given recent growth in the community in the portion of Eagle Butte lying in Ziebach County. Several population sources consistently understate the community's population because residential subdivisions on the outside of Eagle Butte are not annexed within the corporate limits and therefore are often not accounted for in their populations statistics. However, many of these residents receive service from the City of Eagle Butte water and sewer utilities. At the time of the 2000 Census, the community had only one multi-family housing complex, the South Main Apartments. Since the 2000 Census a Local Developer – Oti Kaga has constructed numerous housing projects within Ziebach County and the city limits to include Black Hawk Apartments, Falcon Apartments and most recently Buffalo Lodge Homes.

The population of North Eagle Butte is not often combined with the City of Eagle Butte's population given financial constraints associated with the annexation of land in trust with the US Government (nontaxable). Nonetheless, the service territory for the City of Eagle Butte Water Department does encompass the city limits as well as territory outside of the city limits such as North Eagle Butte. North Eagle Butte does include Bureau of Indian Affairs housing, Cheyenne River Sioux Tribal housing, Cheyenne River Housing Authority Housing and Indian Health Service Housing whereby all of this land is in trust with the US government, has no tax base and is therefore maintained by the respective agencies.

The City of Eagle Butte is also located in the heart of the Cheyenne River Sioux Reservation. Recent statistics established that the water and sewer services provided to the Eagle Butte community provided services to a population composed primarily of individuals considered to be of a minority whereby approximately 89% of the community served is of a minority. The

predominant minority group is composed of American Indians. The City of Eagle Butte is filled with cultural and economic diversity and is rich in history of the Old West as well as Native American folklore and art.

Because of the distance from larger service centers such as Bismarck, Rapid City, and Aberdeen (all of equal distance from Eagle Butte - 320 miles round trip - 3 hours from Eagle Butte one way) and because Eagle Butte is the headquarters for the Cheyenne River Sioux Tribe (CRST) and Cheyenne River Branch of the Bureau of Indian Affairs (BIA) and Indian Health Services/Public Health Services (IHS/PHS), Eagle Butte serves as an important service center for many surrounding communities to include Black Foot, Cherry Creek, Dupree, Faith, Green Grass, Iron Lightning, Lantry, LaPlant, Parade, Promise, Red Scaffold, Ridgeview, Swift Bird, Timber Lake, White Horse and more. The Cheyenne Agency is the administrative body and center for the Minneconjou, Sans Arc, Two Kettle and Blackfeet Sioux. The CRST Reservation consists of 2.8 million acres in Dewey and Ziebach counties, making it roughly the size of Connecticut. The Eagle Butte community also services the many rural residents of who are employed or derive an income from agriculture production and related services, which makes up the biggest share of the economic base or composes the primary source of revenue and industry. There are many community events that occur on an annual basis in the area to include but not limited to the CRST Fair/Rodeo/Pow Wow, Green Grass Sun Dance and other Sun Dances, Minneconjou Pow Wow as well as countless local business events. There are times when the services available in the area and, more particularly, at the park force event goers and visitors to travel to other communities to obtain park services while attending these events. Many of these events are a basis for the tourism industry.

4. Climate

Because of its mid-continental position and its location near the paths of many cyclonic storms, north central South Dakota has a markedly continental climate with extreme summer heat, extreme winter cold, and rapid fluctuation of temperature. Temperatures of 100° or more are not uncommon during summer months, but as they are ordinarily accompanied by low humidity, they are less oppressive than are such temperatures in the States farther east.

Temperatures fall below zero frequently from November to March, and at times these low temperatures are accompanied by strong winds. The average precipitation for the area is 17"/yr.

5. Topography

The topography is gently sloping from an elevation of approximately 2,430 ft. on the south side of town to 2,390 in the middle of town and back up to approximately 2,410 on the north side of town. Contour elevations are shown in Figure No. 2 on a U.S.G.S. quadrangle map found at the end of this report.

6. Surface Water and Groundwater

Surface water conditions vary throughout the year with streams generally reaching high levels during the spring. Groundwater availability varies; quality drinking water in the region is often found at a depth of more than 3,000' below ground level.

7. Geology and Soils

The primary soil formation factor of the western South Dakota area consists of a parent material of sandstone and/or shale. The area is outside of the glacial drift deposits which are more common East River. Soil types include Morton silt loams, Belfield-Dylan silt loams; and Morton-Belfield, Morton-Farland, or Morton Lantry silt loam complex. Additional information can be found in Appendix A.

B. Historical and Archaeological Sites:

The City of Eagle Butte will complete a cultural survey of the proposed project area prior to construction. Procedures set forth by USDA and the State of South Dakota will be followed. Coordination will also be made with the Cheyenne River Sioux Tribe and the Tribal Historical Preservation Office.

Generally speaking, the areas of reference covered by this report are areas of previous excavation for utility installation purposes. If specific sites of cultural significance are found, the project facilities will be relocated to avoid disturbance to the site. The City

anticipates working with the Tribal Historical Preservation Office during all excavation projects covered by this report.

C. Floodplains and Wetlands:

There are some wetlands that have been previously identified in the project area; however, projects will be developed to avoid these areas. If additional wetlands are encountered during pipeline construction, the pipeline will be rerouted or installed using horizontal boring equipment to limit the disturbance to wetlands as a result of this project. All floodplain areas will be returned to their original condition after construction and there will be no lasting effect on the floodplain as a result of this project. A preliminary review of floodplain maps for Eagle Butte indicated that project areas covered by this report are not located in identified flood plains. See Figure 3, Flood Zone Map at the end of this report.

D. Wild and Scenic Rivers:

There are no wild or scenic rivers that would be affected as a result of this project. Streams and waterways will be protected from environmental impacts as discussed in paragraph C above.

E. Fish and Wildlife Protection:

The project area does not include any areas of fish habitat. Wildlife inhabit the project area, but there are no known rare or endangered species within the project area. Biological resources in the area are those typical of an agricultural region. There are no game preserves, national forests, or any endangered or rare species present within the project area. If any rare or endangered species are encountered, the appropriate agencies will be contacted. If possible, construction will be relocated to avoid such species. Construction on habitat areas will be carefully managed to minimize any potential effects to biological resources.

F. Water Quality and Quantity:

There are no water bodies or rivers in the project area. Small streams are areas that the project may impact. Streams and waterways will be protected from environmental impacts as discussed in paragraph C above.

G. Miscellaneous Issues:

Items considered under this category include air quality, noise and solid waste management. These issues are present on nearly every construction project. This project will not include any long-term air emissions. Short-term effects on air quality include dust and construction equipment exhaust and will be similar to air quality impacts of present farming equipment within the region. No major sources of noise are anticipated, with the exception of minor disturbances created by construction equipment. This noise would be similar to noise created by normal farming operations and truck traffic within the project area. A small amount of solid wastes will be generated by construction activities, primarily in the form of packaging materials removed from equipment and materials which will be incorporated into the work.

Dust suppression will be provided as needed through the use of watering vehicles. Noise from construction equipment will be minimized through the use of appropriate mufflers and other noise devices. Construction equipment must meet all appropriate OSHA and state and federal laws regarding emissions and noise. Work will normally be limited to daylight hours, Monday through Saturday. Solid waste materials will be disposed of in approved landfills or by other methods approved by local and state regulations.

H. Direct and Indirect Impacts:

There will be no impacts, direct or indirect, on the environment due to construction of the proposed projects as outlined in this report. There will be beneficial impacts to the citizens of Eagle Butte as a result of this project.

I. Mitigating Adverse Impacts:

No mitigation required.

III. EXISTING AND FUTURE CONDITIONS

A. Project Need and Planning Area Identification

The purpose of the facilities study is to identify areas of concern within the City of Eagle Butte's municipal water service area, as well as issues relating to operational inefficiency, and identify any improvements that can be made to the existing drinking water system to benefit the users.

B. Existing Distribution System

The majority of the existing water distribution system consists of Asbestos Cement (AC) water main that is nearing the end of its useful service life. Multiple breaks have been identified and repaired in recent years and in the only feeder line to the City owned water tower, the City experienced four breaks in one three-block segment in 2009 that resulted in a significant reduction in service to the residents of Eagle Butte. Most of the City's existing AC water mains were installed in the late 40s and early 50s. With a normal expected service life of 70 years for AC pipe, the vast majority of water main in town will need to be replaced over the next several years.

Additionally, City staff has indicated that water theft, meter tampering, bill disputes, and meter location issues (under homes that need to be winterized), create significant issues for the City to effectively and efficiently operate and account for the City's water utility. The City operates as a self-read system, but has indicated that a significant number of customers don't read their meter and the City must estimate their bill. The City does not have the staffing resources to read all meters at the frequency needed to have accurate usage statistics.

The City has made an initial investment in a "starter system" AMR meter reading system and has also purchased new software to facilitate better record keeping. The City would benefit greatly from a plan to replace all user service meters with a tamper-proof model and further upgrading their AMR system to support the City in their efforts to stabilize their revenue and maintain greater operational efficiency and utility accounting.

C. Existing Water Usage:

The City purchases water from Tri-County Water Association. Water purchase and sales were reviewed for the previous ten years with the exception of 2009 Data (not available). A graph is included in Appendix B and a summary is provided below. City Water Use Data that was provided is attached as Appendix C. Based on the information provided, we estimate the Peak Day to be approximately 475,000 gpd. Water purchases over the previous 6 years have been relatively stable.

Annual Use:	80,284,000 - 96,436,000 gallons
Peak Month:	7,672,000 - 9,810,000 gallons
Average Day:	220,000 - 265,000 gallons
Gallons per capita*:	70-85 gpcd (based on pop. 3200)

* Note: Gallons per capita is difficult to compute and compare because of the number of residents within the service area that obtain water from sources other than the municipal utility (primarily Tri-County Water Association) however, are employed and conduct daily activities within the service area.

D. Evaluation of Distribution, Storage, and Treatment Systems

The existing distribution system is predominantly 6-inch Asbestos Cement (AC) Pipe that was installed in the late 1940s and early 1950s. AC Pipe has an average service life of approximately 70 years and it is estimated that most of the mains within the City should be replaced over the next 10 - 15 years to avoid costly emergency repairs. There are also areas within City limits that are unable to access City water due to the absence of City water main or the main is undersized. These areas are predominantly on the north and northwest portion of City limits.

It is also noted that Tri-County Water Association encroaches within the City's municipal distribution service territory and that the Cheyenne River Sioux Tribe has attempted in the past, through official tribal action, to take control of the City of Eagle Butte's municipal utilities (water and sewer). As a result of these actions, the level of service to the user's of the City of Eagle Butte's water utility have been adversely impacted with service outages, usage restrictions, and new construction moratoriums. Without an enforceable contract to provide minimum service and protect service areas, risk to system users persists.

A hydraulic model was prepared for the City for the purpose of the system analysis. Maps prepared by Brosz Engineering were provided by the City and reviewed by DGR. Pressure recordings were taken at four locations within the City to calibrate the static water level of the hydraulic model. The pressure recordings are located at the end of this report in Table 1. The hydraulic model showing pressure and flow for the existing system is shown in Appendix D, Figure D-1.

Several elevated and large volume ground storage tanks are visible on the skyline of Eagle Butte. However, the City currently only owns and operates one elevated tank in the middle of town with an approximate capacity of 75,000 gallons. The other storage facilities are owned, operated, or dedicated to other entities and service customers other than the City of Eagle Butte customers.

The City has a maintenance contract with Maguire Iron to regularly inspect and maintain the tank and make repairs as necessary. These reports were reviewed for the purpose of this study, and the last inspection was completed in 2010 and another is scheduled for 2012. There are no concerns based on the reports reviewed. The City has copies of the maintenance reports that are available upon request. There is also an abandoned concrete ground storage tank located on the same site as the elevated tank. This tank has not been used for several years. The City does not have record of when it was last used.

The 75,000 gallon storage volume represents approximately 1/3 of an average day of storage. In accordance with minimum design standards, this is inadequate with respect to typical storage requirements. It is recommended that minimum storage equal a minimum of one third of a peak day for equalization storage. With this storage capacity, there is no dedicated fire protection storage for the City and no emergency storage in the event the wholesale water supplier cannot provide continuous service throughout the day and perform basic maintenance work. In the past, the City has experienced outages due to a lack of sufficient storage and when the wholesale provider experienced an outage.

A second tank is located on the south side of Highway 212 at the location of the bulk meter for the City. This 250,000 gallon tank is known on City maps as the BIA Tank and operationally provides additional storage for the City. Historically, a check valve between the rural water system and the BIA tank prevented water to flow backwards into the rural water distribution system when the intermediate booster pumps were not running. The BIA tank is not owned or maintained by the City and the control piping is inaccessible to City staff on a routine basis to verify the operation of the check

valve. The tank is owned by the Cheyenne River Sioux Tribe via an interagency agreement with the Bureau of Indian Affairs and is maintained by Tri-County Water Association.

Previously, the 250,000 gallon BIA tank was operated by the City of Eagle Butte, however, the operational agreement was rescinded via a 1997 Cheyenne River Sioux Tribe resolution and no existing agreement with respect to water supply and supplemental storage is known to exist. The City is dependent upon the operation of the Tri-County Water Association system for all supplemental water storage beyond that of the 75,000 gallon tank that is owned by the City of Eagle Butte.

The City has multiple files of documentation regarding the legal efforts to obtain agreements with the bulk water provider that are available upon request.

IV. DEVELOPMENT AND SCREENING OF ALTERNATIVES

Alternatives were considered for each of the major parts of the existing infrastructure.

A. Water Source Alternatives

1. No Action Alternative:

The City currently purchases water from Tri-County Water Association. The users complain about the quality of water, and the rural water system has not always been able to meet the City's water use requirements. No formal agreement exists between the City and Tri-County Water Association to serve a specified quantity of water at a specified delivery pressure, or to provide any particular amount of supplemental storage. The City has been affected by Tri-County Water Association water service limitations (water restrictions and no new hook up restrictions) in the past and wishes to establish a minimum service level from the rural water system. The no action alternative will leave citizens of Eagle Butte at risk to reduced service from the bulk water provider and is not considered a feasible option.

2. Alternative #1: Develop a Water Purchase Agreement with Tri-County Water Association

The first alternative considered is to formalize an agreement with Tri-County Water Association for bulk water purchase which would identify a maximum and minimum capacity and delivery pressure for water service that would meet the peak day and peak hour demands of the City of Eagle Butte. A previous agreement with the bulk water provider was rescinded by the Cheyenne River Sioux Tribe via formal resolution in 1997. Documentation relative to the City's efforts to come to an agreement for bulk water purchase is available upon request.

3. Alternative #2: Construction of a New City-Owned Well for Emergency Backup

Groundwater resources in Eagle Butte are extremely limited. Previous supply wells were abandoned due to poor capacity and quality and fostered the connection to the rural water system. If a new well were developed, additional facilities would need to be maintained for disinfectant addition and other treatment chemicals if necessary. While cost prohibitive, this option may be the only viable option due to the constraints of the contractual limitations to enter into contract with the bulk water provider. Costs to develop a new water service were not developed as part of the assessment.

B. Water Storage Alternatives

1. No Action Alternative:

The City of Eagle Butte currently owns and maintains one tank that provides 75,000 gallons of elevated storage. This is inadequate for flow equalization storage for a peak day and leaves the residents of Eagle Butte at risk of no service during peak periods. The no action alternative will not be discussed further in this report.

2. Alternative #1: Develop an Agreement to Purchase or Operate the BIA Tank

The BIA Tank located on the south side of Highway 212 provides for 250,000 gallons of elevated storage. Operationally, it is likely that the City currently uses a significant part of this storage through a single interconnection at the location of the City's bulk meter at the base of this tower. The BIA Tank provides storage for approximately one average day. When combined with the existing City tank, there is enough for equalization

storage and approximately 100,000 gallons of fire protection storage. Until 1997, a formal agreement was in place with the Cheyenne River Sioux Tribe and Tri-County Water Association; however, it was rescinded via formal resolution. Documentation relative to the City's efforts to come to an agreement for dedicated shared storage is available upon request. Costs related to this agreement would need to be negotiated with the bulk water provider and owner of the storage facility.

3. Alternative #2: Construction of New Storage

The additional storage required for a minimum of one average day storage is approximately 300,000 gallons. Elevated storage costs will be approximately \$850,000 with approximately \$3,000 to \$5,000 per year in annualized O&M costs. Ground storage is estimated to be approximately \$375,000. Ground storage will require a High Service Booster station at a cost of approximately \$250,000 and additional annual O&M costs of approximately \$15,000 to \$20,000 per year.

4. Alternative #3: Develop an Agreement to Provide Additional Fire Capacity from Tri-County Water Association

A large ground storage reservoir and high service pump station owned and operated by Tri-County Water Association is located on the north side of Highway 212. The rural water system has additional capacity during emergency situations to provide some fire fighting storage to the City. If an enforceable written contract were an option, this alternative could be considered viable. Documentation exists that indicates that a written contract would not be enforceable. Costs related to this agreement would need to be negotiated with the bulk water provider and owner of the storage facility.

C. Water Distribution Alternatives

1. No Action Alternative:

The existing distribution system is predominantly comprised of 60 to 70 year old AC pipe that is nearing the end of its useful service life. The City has experienced several concentrated pipe failures indicating portions of the distribution system are deteriorating. We anticipate the City will continue to

have pipe failures on AC pipe which will require emergency repairs. Therefore, the no action alternative will not be discussed further in this report.

2. Alternative #1: Replace All AC Pipe in the Distribution System

Most of the existing pipe is located beneath paved streets in Eagle Butte. In order to replace the entire distribution system, significant amounts of pavement would have to be removed and replaced or expensive trenchless technologies employed to install new pipe. The cost to replace all of the aging AC distribution system as a single project would cost in excess of \$5 million assuming current replacement costs.

3. Alternative #2: Phased Replacement of AC Pipe in the Distribution System and Coordinate with Other Utility and Street Repair Programs

While a significant portion of the distribution system is reaching the end of its useful service life, much of it may have 10 to 20 years of service remaining. This allows the City opportunity to replace the critical components of the pipeline system before it becomes a problem, and then to coordinate the replacement over a period of time along with other City improvements. A phased replacement program to replace the aging AC distribution system as failure becomes eminent and/or other infrastructure is replaced would provide financial and feasibility benefit to the City of Eagle Butte.

There are also areas within the City limits that do not have access, or have very limited access to the City of Eagle Butte water distribution system, primarily on the west and north ends of town. A phased utility and infrastructure program would also enable the City of Eagle Butte to provide improved service to these areas that currently do not receive service or have limited service.

The costs associated with a phased improvement program have not been calculated specifically, as they will vary with time and extent of the work performed. It is understood, however, that a phased program to address bot utility and infrastructure would minimize duplicate costs over the long term.

D. Water Metering

1. No Action Alternative:

The existing meter system is a manual-read system with remote registers located on the exterior of the customers residence. The failure of a large percentage of users to self read and report water usage results in high estimation of water consumption, unreliable water loss information, and an inability of the City to make informed decisions regarding repair, maintenance, and replacement of the City's water system. City staff have also indicated that tampering with the meter registers is a significant problem within the City. Additionally, City staff must enter the residence or the crawl-space below the residence to read the meter head rather than the remote register to get an accurate reading. Significant delays and inaccuracies in billing make management decisions difficult. Winter weather also makes access to meters difficult due to location of the meters and weatherization requirements of the homes. The No Action Alternative will continue to propagate the existing issues and adversely impact the City's ability to manage the system.

2. Alternative #1: Replace All Meters with Updated Model with Tamper-Proof Remote Register

This alternative includes replacing all meters in town with a tamper-proof remote register, which will make collecting the water usage information much faster and safer and create significant operational efficiencies in the City's utility system. The estimated cost for this alternative is \$468,000.

3. Alternative #2: Replace All Meters with and Automatic Meter Reading (AMR) System

Recent advances in AMR systems and accounting software make it advantageous to move towards an AMR system. The higher resolution of data helps make operational and management decisions more quickly and consistently. AMR systems aid in determining water loss and water theft in a way that manually read systems cannot. Of particular note, the peak day demand will be known precisely if AMR is used. The estimated cost for this alternative is \$593,000.

V. SELECTED PLAN, DESCRIPTION, AND IMPLEMENTATION

A. Alternative Comparison:

1. Water Source

The No Action alternative leaves the residents of Eagle Butte at risk of losing their water service during system outages of the rural water system, or when competing priorities take precedence, with no emergency backup. Changes in operation or management could significantly impact the amount of water provided by the rural water system and the City would have little recourse for securing their water source. The new well for Emergency Backup alternative results in significant capital and operational expenses for the City that may not be necessary. The preferred alternative is to secure an enforceable agreement with Tri-County Water Association for a formal water purchase agreement. Ideally, this agreement would specify the minimum and maximum usage along with the pressure required to deliver the water to the City.

It is recommended that an agreement with the following terms be initiated:

- Minimum Daily Consumption: 130,000
- Maximum Daily Consumption: 570,000
- Delivery Pressure at Existing Interconnection: 50 psi

If an enforceable agreement cannot be obtained due to political reasons in nature, alternate water source options may need to be considered and/or the existing risk will remain.

At this time, DGR does not recommend the City pursue alternate water source options.

This has been an ongoing activity for the City and is represented as a portion of the current water systems operations budget. A cost estimate for this alternative has not been prepared.

2. Water Storage

The No Action alternative is inadequate for the residents of Eagle Butte. The Recommended Standards for Water Works (Ten State Standards) recommends a minimum of one average day of storage. It is recommended that the City have enough storage for equalization storage and a moderate amount of fire protection storage. Building new storage to either supplement or replace their existing storage is a reasonable solution and costs have been previously reported in this document. However, there is significant

investment in the surrounding area in both elevated and ground storage. Deliberate attempts should continue to be made to secure an agreement for the BIA Tank to formalize the operational practice that the BIA Tank supports the City's existing storage. Shared operation and maintenance will maximize the investment already in place. As such, the preferred alternative is Alternative #1 for water storage, however, the unlikely ability to secure an enforceable, non revocable agreement deems this alternative non-viable and would suggest that the City consider alternate water storage options.

It is recommend that an agreement with Tri-County Water Association to provide for a minimum of 250,000 gallons of dedicated water storage is initiated.

If an enforceable agreement is unable to be obtained due to reasons political in nature, alternative water storage may need to be considered to address the need to maintain adequate storage. Construction of new storage may be necessary to ensure users a continual supply of quality water.

3. Water Distribution

The No Action alternative will magnify the necessary replacement cost of the distribution system for the residents of Eagle Butte. The AC Pipe is likely at the end of it's useful service life or at least has significant portions that are in need of replacement. The City has indicated they plan to repair and/or resurface several of the streets through town and wish to coordinate this effort with water and sewer replacements. This would provide for a phased replacement effort that would be more efficient than complete replacement and eliminate duplicate project costs associated with multiple resurfacing.

A preliminary hydraulic model was prepared to determine areas for improvement. The hydraulic model was based on preliminary information provided by the City. We used the KY Pipe Hydraulic Modeling software to determine hydraulic conditions for the City. Pressure recordings were taken at four locations within the City to calibrate the static water level of the hydraulic model. The results of the hydraulic modeling effort are included in Appendix D. The pressure recordings are listed in Table 1.

The existing system is shown with water entering only from the existing storage tank and the BIA Tank isolated from the City. Average service

pressure ranges from 37 psi on the south end of the City to 52 psi toward the central portion of the City near the supply tanks. The second map shows the existing system estimated fire flow. Fire flow is estimated at each node by maintaining 20 psi in the remainder of the distribution system. Since the southern end of the City has relatively low pressure to begin with, the estimated fire flow is relatively low. Figure C-3 illustrates the improvement to fire flow in the southern part of the City by replacing the existing 6" water main on Main Street and completing a loop to Prairie Road. This section of road is planned to be resurfaced during 2013 and the completion of this loop should be coordinated with that effort.

DGR recommends the City move forward with a phased replacement program of the existing distribution system to complement a master utility and infrastructure improvement program. The City is currently proposing to resurface Main Street in 2013 and as such, it is recommended to replace the existing AC water main as part of this project to eliminate duplicate costs to resurface a new street in the near term future. The cost to replace the water main on Main Street between Landmark and Frontier is estimated to be \$234,000 if constructed as part of the resurfacing project, but \$594,000 if the surfacing will be needed to be replaced as part of the water main project and that cost is duplicated.

It is further recommended that the City replace the existing 2" and 3" water lines along Sycamore Street and north of Highway 212 in conjunction with the sewer improvements required to facilitate existing issues with the sanitary sewer collection system. The estimated cost for these improvements is \$633,000. If performed as a separate stand alone project, the estimated cost is approximately \$812,000 due to duplicate costs.

The final drawing C-4 illustrates the improvement to fire flow in a major commercial part of the City by completing a loop under Highway 212 on the northwest side of the City and providing new 6-inch water main on Sycamore Ave. The cost estimate for this work is \$633,000 and a detailed table is included at the end of this report. This work is being considered to coincide with sanitary sewer improvements to this area as well and a separate document is being prepared for that work. The cost estimate for the water system improvements includes ½ of the General and Street Improvements portion of the estimate.

4. Water Meter

The No Action Alternative and Alternative 1 will render the City's existing system inadequate and inefficient and will make determining the water balance for the system for any given period difficult. Recently, systems have been encouraged to move to an AMR system because of the "green technology". Therefore, Alternative 2 - AMR is selected as the preferred alternative. The cost estimate for this work is \$593,000 and a detailed table is included at the end of this report.

B. Conclusions and Recommendations:

1. The preferred alternative to address water source concerns identified in this report is to enter into an enforceable, non-revocable agreement with Tri-County Water Association to address the water source needs of the City. The savings in cost over other source water security make this an attractive alternative. The non-viability of this option suggests that the City should consider alternate water source options that would include City owned wells and a City operated treatment system. This alternative would come at significantly greater cost but would ensure adequate service for the users of the City of Eagle Butte's municipal water utility.
2. The preferred alternative to address water storage concerns is for the City of Eagle Butte to enter into an enforceable, non-revocable agreement for the water storage needs of the City. Likely, this is just formalizing what is currently happening in practice. However, being able to depend on the BIA Tank for storage is critical to the City's operations and has not been reliable in the past. The non-viability of this option suggests that the City consider alternative water storage options which would include a new water storage tank. This alternative would come at a significantly greater cost but would ensure adequate storage for the users of the City of Eagle Butte's municipal water utility.
3. To address the water distribution system needs and concerns, it is recommended that the City of Eagle Butte adopt Alternative #2 for the water distribution needs of the City. The City will continue to have unexpected leaks and breaks of AC pipe mains. However, coordinating the water main replacement with other activities that the City is undertaking will result in a significant cost savings. If the street resurfacing projects are delayed and

therefore the main replacement project delayed, the City may encounter an increase in water main bursts over the next 10 - 15 years.

The City currently is planning a street improvement project on Main Street and Prairie Road. We recommend replacing the water main along this project at the same time. Additional main replacements should be scheduled with any other street or utility improvement project until all the AC pipe has been replaced. The City is also planning a sewer improvement project along Sycamore Avenue and North of Highway 212. Water distribution system improvements should be coordinated with this project as well, in an effort to improve the water service to the users and avoid duplicate costs.

4. To address operational inefficiencies, improve record keeping, prevent tampering, and to capitalize on previous capital expenditures, we recommend that the City of Eagle Butte adopt Alternative #2 for the water meter needs of the City. The City of Eagle Butte will benefit from the operational and management efficiencies that a full AMR system allows.
5. The impact to water rates for the three projects described above (water main replacement along Main St., water main extension for Sycamore and North 212, and water meter replacement) was considered. The current base rate is \$30 and includes 4,000 gallons per month, which is considered as a life-line use for residential users. Above 4,000 gallons per month, the consumption rate is \$6.35 per 1,000 gallons. The City wishes to compare its water rate with other systems based on 5,000 gallons per month. Therefore, the base rate is considered \$36.35 per month for 5,000 gallons. The system qualifies for 0% interest for 30-years based on income requirements. Therefore, depending on different grant percentages, the City may consider a rate increase between 8% - 11% for these projects. A detailed rate analysis is included as a table at the end of this report.
6. Despite previous exhaustive efforts, the City should continue to look at legal options to develop a long term operational agreement with the bulk water service provider which also owns adequate storage facilities to address existing City of Eagle Butte needs. It is paramount that this course of action be an enforceable and non-revocable contract with minimum service obligations. Any form of contract that is not able to be enforced or can be revoked by the bulk water provider would assume risk to the City of Eagle Butte and the users of their municipal water system.

7. The City shall proceed with procuring adequate funding to address system needs outlined in this study. The primary source of funding is anticipated to be South Dakota State Revolving Funds. Other funding sources that meet time constraints should also be considered, to include Community Development Block Grants and Rural Development funding opportunities.
8. The City should commence with completing the Environmental and Tribal Clearance process to address the system needs.

C. Implementation Schedule:

May 1, 2012	Request to be placed on State Water plan and request funding for water main and water meter replacement projects to facilitate proposed street improvement projects in the 2012 construction season
June 28, 2012	SD DENR Board Meeting
July 1, 2012	Begin plans and specifications for water main improvement projects and water meter replacement project
September 1, 2012	Funds available
October 1, 2012	Receive project bids
October 15, 2012	Begin construction
July 1, 2013	Construction completed
Ongoing	Continue to pursue options to address other needs identified in this report

Note that above schedule is dependent upon timing of funding announcement.

CENSUS DATA

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography: North Eagle Butte CDP, South Dakota

Subject	Number	Percent
SEX AND AGE		
Total population	1,954	100.0
Under 5 years	225	11.5
5 to 9 years	202	10.3
10 to 14 years	209	10.7
15 to 19 years	212	10.8
20 to 24 years	128	6.6
25 to 29 years	127	6.5
30 to 34 years	111	5.7
35 to 39 years	114	5.8
40 to 44 years	125	6.4
45 to 49 years	135	6.9
50 to 54 years	86	4.4
55 to 59 years	90	4.6
60 to 64 years	55	2.8
65 to 69 years	48	2.5
70 to 74 years	43	2.2
75 to 79 years	22	1.1
80 to 84 years	12	0.6
85 years and over	10	0.5
Median age (years)	25.1	(X)
16 years and over	1,282	65.6
18 years and over	1,193	61.1
21 years and over	1,076	55.1
62 years and over	165	8.4
65 years and over	135	6.9
Male population	939	48.1
Under 5 years	109	5.6
5 to 9 years	103	5.3
10 to 14 years	105	5.4
15 to 19 years	108	5.5
20 to 24 years	67	3.4
25 to 29 years	63	3.2
30 to 34 years	52	2.7
35 to 39 years	55	2.8
40 to 44 years	61	3.1
45 to 49 years	71	3.6
50 to 54 years	35	1.8
55 to 59 years	41	2.1
60 to 64 years	24	1.2
65 to 69 years	23	1.2
70 to 74 years	15	0.8
75 to 79 years	5	0.3
80 to 84 years	1	0.1
85 years and over	1	0.1

subject	number	percent
Median age (years)	23.5	(X)
16 years and over	607	31.1
18 years and over	562	28.8
21 years and over	499	25.5
62 years and over	59	3.0
65 years and over	45	2.3
Female population	1,015	51.9
Under 5 years	116	5.9
5 to 9 years	99	5.1
10 to 14 years	104	5.3
15 to 19 years	104	5.3
20 to 24 years	61	3.1
25 to 29 years	64	3.3
30 to 34 years	59	3.0
35 to 39 years	59	3.0
40 to 44 years	64	3.3
45 to 49 years	64	3.3
50 to 54 years	51	2.6
55 to 59 years	49	2.5
60 to 64 years	31	1.6
65 to 69 years	25	1.3
70 to 74 years	28	1.4
75 to 79 years	17	0.9
80 to 84 years	11	0.6
85 years and over	9	0.5
Median age (years)	26.8	(X)
16 years and over	675	34.5
18 years and over	631	32.3
21 years and over	577	29.5
62 years and over	106	5.4
65 years and over	90	4.6
RACE		
Total population	1,954	100.0
One Race	1,901	97.3
White	85	4.4
Black or African American	4	0.2
American Indian and Alaska Native	1,806	92.4
Asian	2	0.1
Asian Indian	0	0.0
Chinese	0	0.0
Filipino	2	0.1
Japanese	0	0.0
Korean	0	0.0
Vietnamese	0	0.0
Other Asian [1]	0	0.0
Native Hawaiian and Other Pacific Islander	0	0.0
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	0	0.0
Some Other Race	4	0.2
Two or More Races	53	2.7
White; American Indian and Alaska Native [3]	27	1.4
White; Asian [3]	0	0.0
White; Black or African American [3]	0	0.0
White; Some Other Race [3]	0	0.0
Race alone or in combination with one or more other races: [4]		
White	114	5.8
Black or African American	12	0.6
American Indian and Alaska Native	1,859	95.1

Subject	Number	Percent
Asian	4	0.2
Native Hawaiian and Other Pacific Islander	0	0.0
Some Other Race	20	1.0
HISPANIC OR LATINO		
Total population	1,954	100.0
Hispanic or Latino (of any race)	32	1.6
Mexican	19	1.0
Puerto Rican	0	0.0
Cuban	0	0.0
Other Hispanic or Latino [5]	13	0.7
Not Hispanic or Latino	1,922	98.4
HISPANIC OR LATINO AND RACE		
Total population	1,954	100.0
Hispanic or Latino	32	1.6
White alone	2	0.1
Black or African American alone	0	0.0
American Indian and Alaska Native alone	17	0.9
Asian alone	0	0.0
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	4	0.2
Two or More Races	9	0.5
Not Hispanic or Latino	1,922	98.4
White alone	83	4.2
Black or African American alone	4	0.2
American Indian and Alaska Native alone	1,789	91.6
Asian alone	2	0.1
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	0	0.0
Two or More Races	44	2.3
RELATIONSHIP		
Total population	1,954	100.0
In households	1,937	99.1
Householder	569	29.1
Spouse [6]	143	7.3
Child	683	35.0
Own child under 18 years	463	23.7
Other relatives	399	20.4
Under 18 years	270	13.8
65 years and over	11	0.6
Nonrelatives	143	7.3
Under 18 years	15	0.8
65 years and over	7	0.4
Unmarried partner	76	3.9
In group quarters	17	0.9
Institutionalized population	13	0.7
Male	4	0.2
Female	9	0.5
Noninstitutionalized population	4	0.2
Male	3	0.2
Female	1	0.1
HOUSEHOLDS BY TYPE		
Total households	569	100.0
Family households (families) [7]	423	74.3
With own children under 18 years	205	36.0
Husband-wife family	143	25.1
With own children under 18 years	75	13.2
Male householder, no wife present	74	13.0
With own children under 18 years	37	6.5
Female householder, no husband present	206	36.2
With own children under 18 years	93	16.3

	Number	Percent
Nonfamily households [7]	146	25.7
Householder living alone	118	20.7
Male	53	9.3
65 years and over	14	2.5
Female	65	11.4
65 years and over	24	4.2
Households with individuals under 18 years	310	54.5
Households with individuals 65 years and over	119	20.9
Average household size	3.40	(X)
Average family size [7]	3.90	(X)
HOUSING OCCUPANCY		
Total housing units	626	100.0
Occupied housing units	569	90.9
Vacant housing units	57	9.1
For rent	26	4.2
Rented, not occupied	4	0.6
For sale only	0	0.0
Sold, not occupied	2	0.3
For seasonal, recreational, or occasional use	10	1.6
All other vacants	15	2.4
Homeowner vacancy rate (percent) [8]	0.0	(X)
Rental vacancy rate (percent) [9]	6.5	(X)
HOUSING TENURE		
Occupied housing units	569	100.0
Owner-occupied housing units	196	34.4
Population in owner-occupied housing units	667	(X)
Average household size of owner-occupied units	3.40	(X)
Renter-occupied housing units	373	65.6
Population in renter-occupied housing units	1,270	(X)
Average household size of renter-occupied units	3.40	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.

DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography: Eagle Butte city, South Dakota

Subject	Number	Percent
SEX AND AGE		
Total population	1,318	100.0
Under 5 years	189	14.3
5 to 9 years	149	11.3
10 to 14 years	132	10.0
15 to 19 years	120	9.1
20 to 24 years	115	8.7
25 to 29 years	123	9.3
30 to 34 years	72	5.5
35 to 39 years	80	6.1
40 to 44 years	61	4.6
45 to 49 years	80	6.1
50 to 54 years	55	4.2
55 to 59 years	45	3.4
60 to 64 years	32	2.4
65 to 69 years	29	2.2
70 to 74 years	15	1.1
75 to 79 years	7	0.5
80 to 84 years	5	0.4
85 years and over	9	0.7
Median age (years)	22.8	(X)
16 years and over	825	62.6
18 years and over	774	58.7
21 years and over	706	53.6
62 years and over	80	6.1
65 years and over	65	4.9
Male population	624	47.3
Under 5 years	97	7.4
5 to 9 years	79	6.0
10 to 14 years	63	4.8
15 to 19 years	61	4.6
20 to 24 years	56	4.2
25 to 29 years	56	4.2
30 to 34 years	27	2.0
35 to 39 years	34	2.6
40 to 44 years	31	2.4
45 to 49 years	28	2.1
50 to 54 years	30	2.3
55 to 59 years	20	1.5
60 to 64 years	13	1.0
65 to 69 years	13	1.0
70 to 74 years	9	0.7
75 to 79 years	2	0.2
80 to 84 years	3	0.2
85 years and over	2	0.2

Subject	Number	Percent
Median age (years)	21.1	(X)
16 years and over	373	28.3
18 years and over	347	26.3
21 years and over	313	23.7
62 years and over	37	2.8
65 years and over	29	2.2
Female population	694	52.7
Under 5 years	92	7.0
5 to 9 years	70	5.3
10 to 14 years	69	5.2
15 to 19 years	59	4.5
20 to 24 years	59	4.5
25 to 29 years	67	5.1
30 to 34 years	45	3.4
35 to 39 years	46	3.5
40 to 44 years	30	2.3
45 to 49 years	52	3.9
50 to 54 years	25	1.9
55 to 59 years	25	1.9
60 to 64 years	19	1.4
65 to 69 years	16	1.2
70 to 74 years	6	0.5
75 to 79 years	5	0.4
80 to 84 years	2	0.2
85 years and over	7	0.5
Median age (years)	24.9	(X)
16 years and over	452	34.3
18 years and over	427	32.4
21 years and over	393	29.8
62 years and over	43	3.3
65 years and over	36	2.7
RACE		
Total population	1,318	100.0
One Race	1,274	96.7
White	90	6.8
Black or African American	4	0.3
American Indian and Alaska Native	1,176	89.2
Asian	2	0.2
Asian Indian	0	0.0
Chinese	0	0.0
Filipino	2	0.2
Japanese	0	0.0
Korean	0	0.0
Vietnamese	0	0.0
Other Asian [1]	0	0.0
Native Hawaiian and Other Pacific Islander	0	0.0
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	0	0.0
Some Other Race	2	0.2
Two or More Races	44	3.3
White; American Indian and Alaska Native [3]	25	1.9
White; Asian [3]	1	0.1
White; Black or African American [3]	0	0.0
White; Some Other Race [3]	0	0.0
Race alone or in combination with one or more other races: [4]		
White	116	8.8
Black or African American	12	0.9
American Indian and Alaska Native	1,218	92.4

Subject	Number	Percent
Asian	10	0.8
Native Hawaiian and Other Pacific Islander	1	0.1
Some Other Race	5	0.4
HISPANIC OR LATINO		
Total population	1,318	100.0
Hispanic or Latino (of any race)	57	4.3
Mexican	38	2.9
Puerto Rican	1	0.1
Cuban	0	0.0
Other Hispanic or Latino [5]	18	1.4
Not Hispanic or Latino	1,261	95.7
HISPANIC OR LATINO AND RACE		
Total population	1,318	100.0
Hispanic or Latino	57	4.3
White alone	3	0.2
Black or African American alone	0	0.0
American Indian and Alaska Native alone	46	3.5
Asian alone	1	0.1
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	2	0.2
Two or More Races	5	0.4
Not Hispanic or Latino	1,261	95.7
White alone	87	6.6
Black or African American alone	4	0.3
American Indian and Alaska Native alone	1,130	85.7
Asian alone	1	0.1
Native Hawaiian and Other Pacific Islander alone	0	0.0
Some Other Race alone	0	0.0
Two or More Races	39	3.0
RELATIONSHIP		
Total population	1,318	100.0
In households	1,316	99.8
Householder	384	29.1
Spouse [6]	74	5.6
Child	508	38.5
Own child under 18 years	380	28.8
Other relatives	227	17.2
Under 18 years	149	11.3
65 years and over	2	0.2
Nonrelatives	123	9.3
Under 18 years	15	1.1
65 years and over	2	0.2
Unmarried partner	73	5.5
In group quarters	2	0.2
Institutionalized population	0	0.0
Male	0	0.0
Female	0	0.0
Noninstitutionalized population	2	0.2
Male	2	0.2
Female	0	0.0
HOUSEHOLDS BY TYPE		
Total households	384	100.0
Family households (families) [7]	279	72.7
With own children under 18 years	183	47.7
Husband-wife family	74	19.3
With own children under 18 years	45	11.7
Male householder, no wife present	34	8.9
With own children under 18 years	19	4.9
Female householder, no husband present	171	44.5
With own children under 18 years	119	31.0

Subject	Number	Percent
Nonfamily households [7]	105	27.3
Householder living alone	93	24.2
Male	45	11.7
65 years and over	16	4.2
Female	48	12.5
65 years and over	14	3.6
Households with individuals under 18 years	229	59.6
Households with individuals 65 years and over	54	14.1
Average household size	3.43	(X)
Average family size [7]	3.90	(X)
HOUSING OCCUPANCY		
Total housing units	414	100.0
Occupied housing units	384	92.8
Vacant housing units	30	7.2
For rent	13	3.1
Rented, not occupied	2	0.5
For sale only	1	0.2
Sold, not occupied	1	0.2
For seasonal, recreational, or occasional use	5	1.2
All other vacants	8	1.9
Homeowner vacancy rate (percent) [8]	0.6	(X)
Rental vacancy rate (percent) [9]	5.3	(X)
HOUSING TENURE		
Occupied housing units	384	100.0
Owner-occupied housing units	154	40.1
Population in owner-occupied housing units	522	(X)
Average household size of owner-occupied units	3.39	(X)
Renter-occupied housing units	230	59.9
Population in renter-occupied housing units	794	(X)
Average household size of renter-occupied units	3.45	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.

FIGURES



DeWild Grant Reckert
and Associates Company
Consulting Engineers
Rock Rapids, Iowa

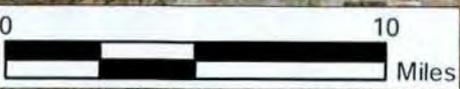
Date
Drawn By
Approved
Revised

MAR 2012
MNO
MNO

CITY OF EAGLE BUTTE
SOUTH DAKOTA

FIG. 1





Legend

100 Year Flood Zones

DEGR DeWild Grant Reckert
and Associates Company
Consulting Engineers
Rock Rapids, Iowa

Date MAR 2012
Drawn By MNO
Approved MNO
Revised

CITY OF EAGLE BUTTE
SOUTH DAKOTA

FIG. 3



CITY OF EAGLE BUTTE
WATER SYSTEM STUDY
HYDRAULIC MODEL - STATIC CALIBRATION
APRIL 19, 2012

	Description	Pressure Recording (psi)	Estimate of Elevation (feet)	Estimate of HGL (feet)
Location 1	School, 3.5' above finished floor	35	2,428	2,508
Location 2	Presentation College, 5' above ground	27	2,428	2,490
Location 3	Cheyenne River Motel, 3' above ground	40	2,412	2,504
Location 4	Mini Mart, 2' above ground	42	2,409	2,506

NOTE:

1. Pressure recordings taken April 19th, 2012; sequentially from Location 1 to Location 4 between 12:45 and 2:30 p.m.
2. Estimate of elevation is at the test location, including the height above the ground elevation.

PRELIMINARY PROJECT COST ESTIMATE

SYCAMORE and HWY 212 UTILITY IMPROVEMENTS PROJECT - EAGLE BUTTE, SD

Prepared by DGR & Associates Company
April 24, 2012

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT		CLEAN WATER		DRINKING WATER		
			QTY	TOTAL	QTY	EARNED	QTY	EARNED	
GENERAL & STREET IMPROVEMENTS									
1	Mobilization	75,000.00 L.S.	1	75,000.00	0.5	37,500.00	0.5	37,500.00	
2	Remove, Sawcut, & Dispose of Pavement	5.00 SQYD	900	4,500.00	450	2,250.00	450	2,250.00	
3	Clearing	5,000.00 L.S.	1	5,000.00	0.5	2,500.00	0.5	2,500.00	
4	Traffic Control	20,000.00 L.S.	1	20,000.00	0.5	10,000.00	0.5	10,000.00	
5	Incidental Work (Grading)	5,000.00 L.S.	1	5,000.00	0.5	2,500.00	0.5	2,500.00	
6	Incidental Work (Utilities)	5,000.00 L.S.	1	5,000.00	0.5	2,500.00	0.5	2,500.00	
7	9" Scarify and Recompact	2.00 SQYD	4,200	8,400.00	2,100	4,200.00	2,100	4,200.00	
8	6" Gravel Surfacing	15.00 TON	1,900	28,500.00	950	14,250.00	950	14,250.00	
9	Trench Stabilization Material	30.00 TON	250	7,500.00	125	3,750.00	125	3,750.00	
10	6" PCC Approach Pavement	80.00 SQYD	225	18,000.00	112.5	9,000.00	112.5	9,000.00	
11	Curb and Gutter	20.00 L.FT	100	2,000.00	50	1,000.00	50	1,000.00	
12	4" Concrete Sidewalk	5.50 SQFT	5,750	31,825.00	2875	15,912.50	2875	15,912.50	
13	Detectable Warning Panel	40.00 SQFT	72	2,880.00	36	1,440.00	36	1,440.00	
14	Salvage and Replace Topsoil	10.00 CUYD	2,450	24,500.00	1225	12,250.00	1225	12,250.00	
15	Seeding/Fertilize/Mulch	3,500.00 ACRE	3	10,500.00	1.5	5,250.00	1.5	5,250.00	
16	Erosion Control	10,000.00 L.S.	1	10,000.00	0.5	5,000.00	0.5	5,000.00	
17	Verify & Locate Utility	500.00 EACH	10	5,000.00	5	2,500.00	5	2,500.00	
18	Utility Easement Acquisition	15,000.00 L.S.	1	15,000.00	0.5	7,500.00	0.5	7,500.00	
			Construction Subtotal		139,202.50		139,202.50		
			Contingencies (10%)		13,920.25		13,920.25		
			Estimated General & Street Improvements Construction Subtotal		153,122.75		153,122.75		
			Engineering and Administration		30,000.00		30,000.00		
			General & Street Improvements Total		183,122.75		183,122.75		
WATER MAIN IMPROVEMENTS									
19	6" PVC Water Main w/Bedding Material	25.00 L.FT	7,050	176,250.00			7,050	176,250.00	
20	8" MJ Gate Valve/Box	1,000.00 EACH	7	7,000.00			7	7,000.00	
21	5"x6" MJ Tee	500.00 EACH	18	9,000.00			18	9,000.00	
22	6" MJ Bends	400.00 EACH	1	400.00			1	400.00	
23	6" MJ Long Sleeve	350.00 EACH	1	350.00			1	350.00	
24	6" MJ Cap	200.00 EACH	3	600.00			3	600.00	
25	1" Water Service Corp Stop with Service Saddle	220.00 EACH	15	3,300.00			15	3,300.00	
26	1" Curb Stop w/Box	185.00 EACH	15	2,775.00			15	2,775.00	
27	1" Water Service	13.00 L.FT	600	7,800.00			600	7,800.00	
28	12" Jack and Bore Casing Pipe	175.00 L.FT	465	81,375.00			465	81,375.00	
29	Connect to Existing Water Main	1,000.00 EACH	1	1,000.00			1	1,000.00	
30	Standard Fire Hydrant	3,000.00 EACH	15	45,000.00			15	45,000.00	
31	Abandon Existing AC Water Main	2,500.00 L.S.	1	2,500.00			1	2,500.00	
			Construction Subtotal		337,350.00		337,350.00		
			Contingencies (10%)		33,735.00		33,735.00		
			Estimated Water Main Improvements Construction Subtotal		371,085.00		371,085.00		
			Engineering and Administration		74,000.00		74,000.00		
			Water Main Improvements Total		445,085.00		445,085.00		
SANITARY SEWER IMPROVEMENTS									
32	8" PVC Sanitary Sewer Force Main w/Bedding Material	25.00 L.FT	2,700	67,500.00	2,700	67,500.00			
33	8" PVC Sanitary Sewer w/Bedding Material	45.00 L.FT	3,700	166,500.00	3,700	166,500.00			
34	4" Sanitary Sewer Service w/Bedding Material	25.00 L.FT	280	7,000.00	280	7,000.00			
35	6" Sanitary Sewer Service w/Bedding Material	25.00 L.FT	320	8,000.00	320	8,000.00			
36	8x4 Sewer Wye	300.00 EACH	7	2,100.00	7	2,100.00			
37	8x6 Sewer Wye	300.00 EACH	8	2,400.00	8	2,400.00			
38	48" Sanitary Manhole w/Frame and Lid	3,500.00 EACH	13	45,500.00	13	45,500.00			
39	Sanitary Sewer Bypass Pumping	3,000.00 L.S.	1	3,000.00	1	3,000.00			
40	12" Jack and Bore Casing Pipe	175.00 L.FT	565	98,875.00	565	98,875.00			
41	Connect to Existing Sanitary Sewer	1,000.00 EACH	1	1,000.00	1	1,000.00			
42	Backup Generator with Automatic Transfer Switch	50,000.00 L.S.	1	50,000.00	1	50,000.00			
43	Electric Control Panel with Autodialer	25,000.00 L.S.	1	25,000.00	1	25,000.00			
44	Security Fencing	24.00 L.FT	84	2,016.00	84	2,016.00			
45	Security Gate	1,000.00 L.S.	1	1,000.00	1	1,000.00			
46	Sanitary Sewer Lift Station	150,000.00 L.S.	1	150,000.00	1	150,000.00			
			Construction Subtotal		629,891.00		629,891.00		
			Contingencies (10%)		62,989.10		62,989.10		
			Estimated Sanitary Sewer Improvements Construction Subtotal		692,880.10		692,880.10		
			Engineering and Administration		138,000.00		138,000.00		
			Sanitary Sewer Improvements Total		830,880.10		830,880.10		
Estimated Construction Total:				\$1,370,000.00		\$846,000.00		\$524,000.00	
Estimated Engineering and Administration Total:				\$273,000.00		\$168,500.00		\$104,500.00	
Estimated Subtotal project (Construction and Engineering):				\$1,643,000.00		\$1,014,500.00		\$628,500.00	
ESTIMATED TOTAL PROJECT:				\$1,643,000.00		\$1,014,500.00		\$628,500.00	

PRELIMINARY PROJECT COST ESTIMATE
 MAIN STREET WATER MAIN IMPROVEMENTS PROJECT - EAGLE BUTTE, SD

Landmark Avenue to East Frontier Street
 Prepared by DGR & Associates Company
 April 24, 2012

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	TOTAL PROJECT		CLEAN WATER		DRINKING WATER	
			QTY	TOTAL	QTY	EARNED	QTY	EARNED
GENERAL & STREET IMPROVEMENTS								
1	Mobilization	20,000.00 L.S.	1	20,000.00			1	20,000.00
2	Remove, Sawcut, & Dispose of Pavement	5.00 SQYD	4,650	23,250.00			4,650	23,250.00
3	Remove Existing Hydrant	500.00 EACH	4	2,000.00			4	2,000.00
4	Traffic Control	20,000.00 L.S.	1	20,000.00			1	20,000.00
5	Incidental Work (Utilities)	4,000.00 L.S.	1	4,000.00			1	4,000.00
6	Unclassified Excavation	8.00 CUVD	700	5,600.00			700	5,600.00
7	Woven Geo Textile Stabilization Fabric	2.50 SQYD	4,620	11,550.00			4,620	11,550.00
8	9" Scarify and Recompact	2.00 SQYD	4,620	9,240.00			4,620	9,240.00
9	Aggregate Base Course	15.90 TON	2,250	33,750.00			2,250	33,750.00
10	Asphalt Concrete Composite	110.00 TON	1,100	121,000.00			1,100	121,000.00
11	Trench Stabilization Material	25.00 TON	100	2,500.00			100	2,500.00
12	8" Concrete Fillet & Valley Gutters	80.00 SQYD	60	4,800.00			60	4,800.00
13	Curb and Gutter	20.00 LFT	60	1,200.00			60	1,200.00
14	4" Concrete Sidewalk	5.00 SQFT	500	2,500.00			500	2,500.00
15	Detectable Warning Panel	40.00 SQFT	40	1,600.00			40	1,600.00
16	Seeding/Fertilize/Mulch	3,500.00 ACRE	0.5	1,750.00			0.5	1,750.00
17	Erosion Control	5,000.00 L.S.	1	5,000.00			1	5,000.00
18	Verify & Locate Utility	500.00 EACH	5	2,500.00			5	2,500.00
				Construction Subtotal	272,240.00			272,240.00
				Contingencies (10%)	27,760.00			27,760.00
Estimated General & Street Improvements Construction Subtotal				300,000.00			300,000.00	
				Engineering and Administration	60,000.00			60,000.00
General & Street Improvements Total				360,000.00			360,000.00	
WATER MAIN IMPROVEMENTS								
19	8" PVC Water Main	25.00 LFT	110	2,750.00			110	2,750.00
20	8" PVC Water Main	30.00 LFT	1970	59,100.00			1970	59,100.00
21	8" Water Main Bedding Material	3.00 LFT	110	330.00			110	330.00
22	8" Water Main Bedding Material	3.00 LFT	1970	5,910.00			1970	5,910.00
23	6" MJ Gate Valve/Box	1,000.00 EACH	1	1,000.00			1	1,000.00
24	8" MJ Gate Valve/Box	1,600.00 EACH	8	12,800.00			8	12,800.00
25	8" MJ Bends	400.00 EACH	10	4,000.00			10	4,000.00
26	8"x6" MJ Tee	650.00 EACH	4	2,600.00			4	2,600.00
27	8"x8" MJ Tee	700.00 EACH	5	3,500.00			5	3,500.00
28	8"x6" MJ Reducer	400.00 EACH	5	2,000.00			5	2,000.00
29	6" MJ Long Sleeve	350.00 EACH	5	1,750.00			5	1,750.00
30	6" MJ Cap	200.00 EACH	1	200.00			1	200.00
31	Connect to Existing Water Main	1,000.00 EACH	5	5,000.00			5	5,000.00
32	Standard Fire Hydrant	3,000.00 EACH	4	12,000.00			4	12,000.00
33	Water Service	1,000.00 EACH	35	35,000.00			35	35,000.00
34	Abandon Existing AC Water Main	30,000.00 EACH	1	30,000.00			1	30,000.00
				Construction Subtotal	177,940.00			177,940.00
				Contingencies (10%)	17,050.00			17,050.00
Estimated Water Main Improvements Construction Subtotal				195,000.00			195,000.00	
				Engineering and Administration	39,000.00			39,000.00
Water Main Improvements Total				234,000.00			234,000.00	
Estimated Construction Total:				\$495,000.00			\$495,000.00	
Estimated Engineering and Administration Total:				\$99,000.00			\$99,000.00	
Estimated Subtotal Project (Construction and Engineering):				\$594,000.00			\$594,000.00	
ESTIMATED TOTAL PROJECT:				\$594,000.00			\$594,000.00	

WATER RATE ANALYSIS

Existing Water Rate:	\$30 per month	Water Meter Replacement =	\$593,000
No. of Users:	800	Hwy 212 & Sycamore =	\$456,000
		Main Replacement =	\$234,000
Principal:	\$1,283,000	Total Project Costs =	\$1,283,000
Interest Rate:	3.25%		
Repayment Period:	30 years		

Grant/Loan Ratio	0%	25%	50%	75%	100%
Grant Amount	\$0	\$320,750	\$641,500	\$962,250	\$1,283,000
Loan Amount	\$1,283,000	\$962,250	\$641,500	\$320,750	\$0
Debt Service	\$67,591	\$50,693	\$33,795	\$16,898	\$0

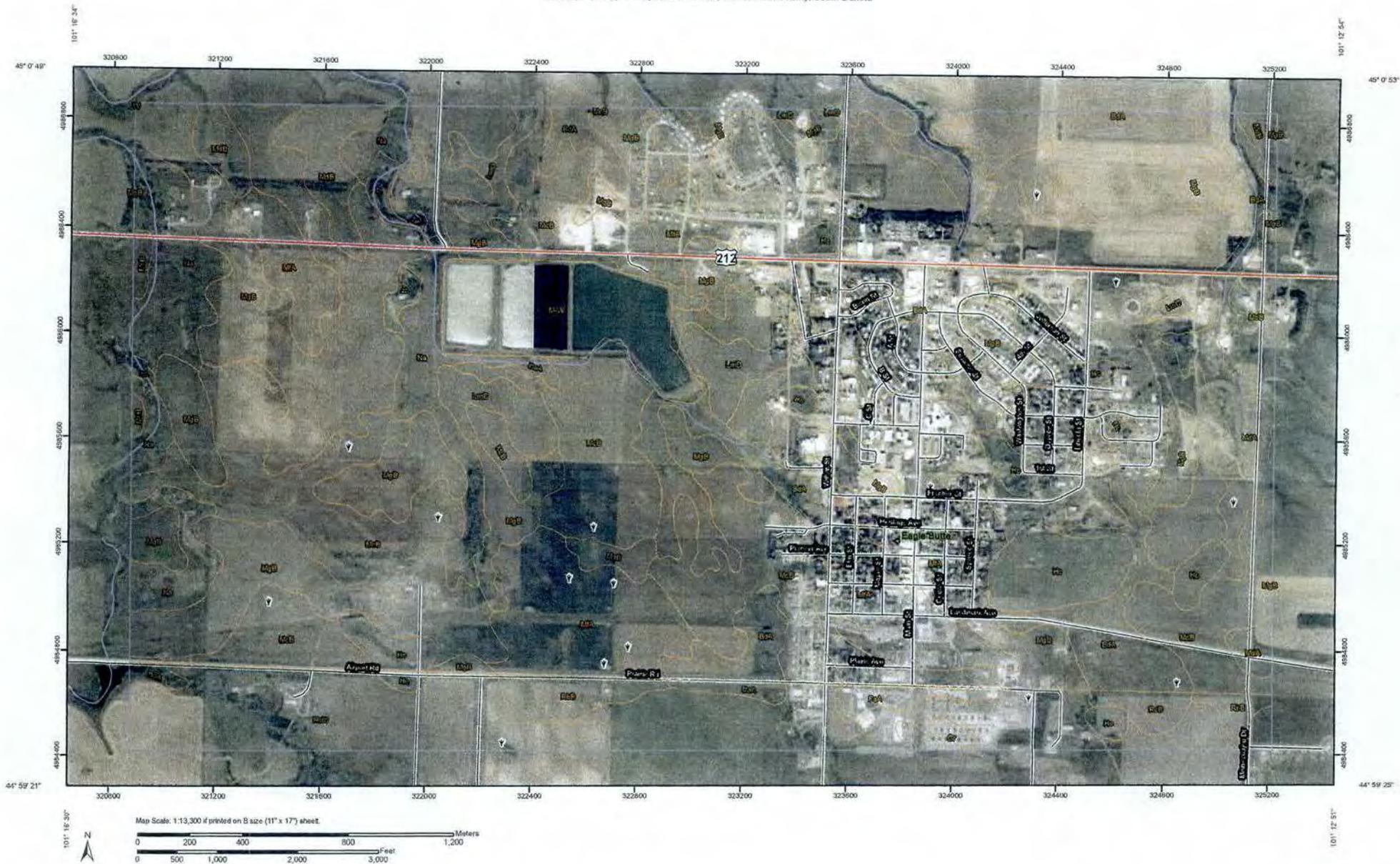
Minimum Rate Increase Required for Debt Service	\$7.04	\$5.28	\$3.52	\$1.76	\$0.00
Additional Revenue with Minimum Rate Increase	\$67,591	\$50,693	\$33,795	\$16,898	\$0
Surplus/Deficit (Revenue - Debt Service)	\$0	\$0	\$0	\$0	\$0

Proposed Sewer Rate	\$37.04	\$35.28	\$33.52	\$31.76	\$30.00
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Percentage Increase Required	23%	18%	12%	6%	0%
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APPENDIX A
SOILS INFORMATION

Soil Map—Dewey County, South Dakota, and Ziebach County, South Dakota



MAP LEGEND

Area of Interest (AOI)			Very Stony Spot
	Area of Interest (AOI)		Wet Spot
Soils			Other
	Soil Map Units	Special Line Features	
Special Point Features			Gully
	Blowout		Short Steep Slope
	Borrow Pit		Other
	Clay Spot	Political Features	
	Closed Depression		Cities
	Gravel Pit	Water Features	
	Gravelly Spot		Streams and Canals
	Landfill	Transportation	
	Lava Flow		Rails
	Marsh or swamp		Interstate Highways
	Mine or Quarry		US Routes
	Miscellaneous Water		Major Roads
	Perennial Water		Local Roads
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		
	Spoil Area		
	Stony Spot		

MAP INFORMATION

Map Scale: 1:13,300 if printed on B size (11" × 17") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 14N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dewey County, South Dakota
 Survey Area Data: Version 12, Mar 22, 2011

Soil Survey Area: Ziebach County, South Dakota
 Survey Area Data: Version 11, Mar 30, 2011

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Date(s) aerial images were photographed: 7/30/2004; 8/14/2004; 7/26/2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Dewey County, South Dakota (SD041)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BdA	Belfield-Daglum silt loams, 0 to 2 percent slopes	254.3	9.7%
DaA	Daglum silt loam, 0 to 2 percent slopes	4.2	0.2%
Gb	Glenross fine sandy loam	1.8	0.1%
Hc	Heil soils	75.5	2.9%
LmD	Lantry-Morton silt loams, 6 to 15 percent slopes	60.9	2.3%
M-W	Miscellaneous water	82.0	3.1%
McB	Morton silt loam, 2 to 6 percent slopes	984.6	37.7%
MdA	Morton-Belfield complex, 0 to 2 percent slopes	44.1	1.7%
MdB	Morton-Belfield complex, 2 to 6 percent slopes	42.8	1.6%
MfA	Morton-Farland silt loams, 0 to 2 percent slopes	171.5	6.6%
MgB	Morton-Lantry silt loams, 2 to 9 percent slopes	449.7	17.2%
Na	Lohler, channeled-Rhoades complex	131.9	5.1%
W	Water	12.4	0.5%
Subtotals for Soil Survey Area		2,315.7	88.7%
Totals for Area of Interest		2,609.5	100.0%

Ziebach County, South Dakota (SD137)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DaA	Daglum loam, 0 to 2 percent slopes	10.0	0.4%
FaA	Farland silt loam, 0 to 2 percent slopes	11.6	0.4%
Gr	Grail silt loam	6.7	0.3%
He	Heil silt loam	7.2	0.3%
RbB	Reeder loam, 2 to 6 percent slopes	26.9	1.0%
RcB	Reeder-Daglum loams, 1 to 6 percent slopes	10.3	0.4%
RdC	Reeder-Lantry complex, 2 to 9 percent slopes	221.1	8.5%
Subtotals for Soil Survey Area		293.7	11.3%
Totals for Area of Interest		2,609.5	100.0%

Dewey County, South Dakota

McB—Morton silt loam, 2 to 6 percent slopes

Map Unit Setting

Elevation: 1,660 to 3,610 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 41 to 46 degrees F
Frost-free period: 120 to 135 days

Map Unit Composition

Morton and similar soils: 75 percent
Minor components: 25 percent

Description of Morton

Setting

Landform: Plains
Landform position (two-dimensional): Backslope, summit
Down-slope shape: Linear
Across-slope shape: Linear, convex
Parent material: Silty residuum weathered from sedimentary rock

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: 20 to 40 inches to paralithic bedrock
Drainage class: Well drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 20 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/
cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 5.7 inches)

Interpretive groups

Land capability (nonirrigated): 2e
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Droughty Loam (G054XY120ND)

Typical profile

0 to 5 inches: Silt loam
5 to 17 inches: Silt loam
17 to 37 inches: Loam
37 to 60 inches: Weathered bedrock

Minor Components

Belfield

Percent of map unit: 5 percent

Landform: Swales
Landform position (two-dimensional): Foothlope
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: Clayey (R054XY020ND)
Other vegetative classification: Clayey Subsoil (G054XY210ND)

Farland

Percent of map unit: 5 percent
Landform: Swales
Landform position (two-dimensional): Foothlope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Loam (G054XY100ND)

Heil

Percent of map unit: 5 percent
Landform: Closed depressions
Landform position (two-dimensional): Toeslope
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: Closed Depression (R054XY022ND)
Other vegetative classification: Not suited (G054XY000ND)

Lantry

Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Summit, shoulder
Down-slope shape: Convex
Across-slope shape: Convex, linear
Ecological site: Thin Loamy (R054XY038ND)
Other vegetative classification: Limy Upland (G054XY400ND)

Reeder

Percent of map unit: 5 percent
Landform: Plains
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear, convex
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Droughty Loam (G054XY120ND)

Data Source Information

Soil Survey Area: Dewey County, South Dakota

Survey Area Data: Version 12, Mar 22, 2011

Soil Survey Area: Ziebach County, South Dakota

Survey Area Data: Version 11, Mar 30, 2011



Dewey County, South Dakota

BdA—Belfield-Daglum silt loams, 0 to 2 percent slopes

Map Unit Setting

Elevation: 1,660 to 3,610 feet
Mean annual precipitation: 14 to 18 inches
Mean annual air temperature: 41 to 46 degrees F
Frost-free period: 120 to 135 days

Map Unit Composition

Belfield and similar soils: 60 percent
Daglum and similar soils: 20 percent
Minor components: 20 percent

Description of Belfield

Setting

Landform: Swales
Landform position (two-dimensional): Footslope
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Residuum weathered from shale and siltstone

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 48 to 72 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Gypsum, maximum content: 5 percent
Maximum salinity: Very slightly saline to moderately saline (4.0 to
16.0 mmhos/cm)
Sodium adsorption ratio, maximum: 20.0
Available water capacity: High (about 9.9 inches)

Interpretive groups

Land capability (nonirrigated): 3s
Ecological site: Clayey (R054XY020ND)
Other vegetative classification: Clayey Subsoil (G054XY210ND)

Typical profile

0 to 11 inches: Silt loam
11 to 22 inches: Silty clay
22 to 60 inches: Clay loam

Description of Daglum

Setting

Landform: Swales

Landform position (two-dimensional): Footslope
Down-slope shape: Linear
Across-slope shape: Linear, concave
Parent material: Clayey residuum weathered from shale

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water
(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Gypsum, maximum content: 5 percent
Maximum salinity: Slightly saline to moderately saline (8.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water capacity: Moderate (about 7.9 inches)

Interpretive groups

Land capability (nonirrigated): 4s
Ecological site: Claypan (R054XY021ND)
Other vegetative classification: Claypan (G054XY800ND)

Typical profile

0 to 7 inches: Silt loam
7 to 21 inches: Silty clay
21 to 60 inches: Silty clay

Minor Components

Farland

Percent of map unit: 7 percent
Landform: Swales
Landform position (two-dimensional): Footslope
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Loam (G054XY100ND)

Morton

Percent of map unit: 6 percent
Landform: Plains
Landform position (two-dimensional): Backslope
Down-slope shape: Linear
Across-slope shape: Linear, convex
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Droughty Loam (G054XY120ND)

Reeder

Percent of map unit: 6 percent
Landform: Plains
Landform position (two-dimensional): Backslope

Down-slope shape: Linear
Across-slope shape: Linear, convex
Ecological site: Loamy (R054XY031ND)
Other vegetative classification: Droughty Loam (G054XY120ND)

Heil

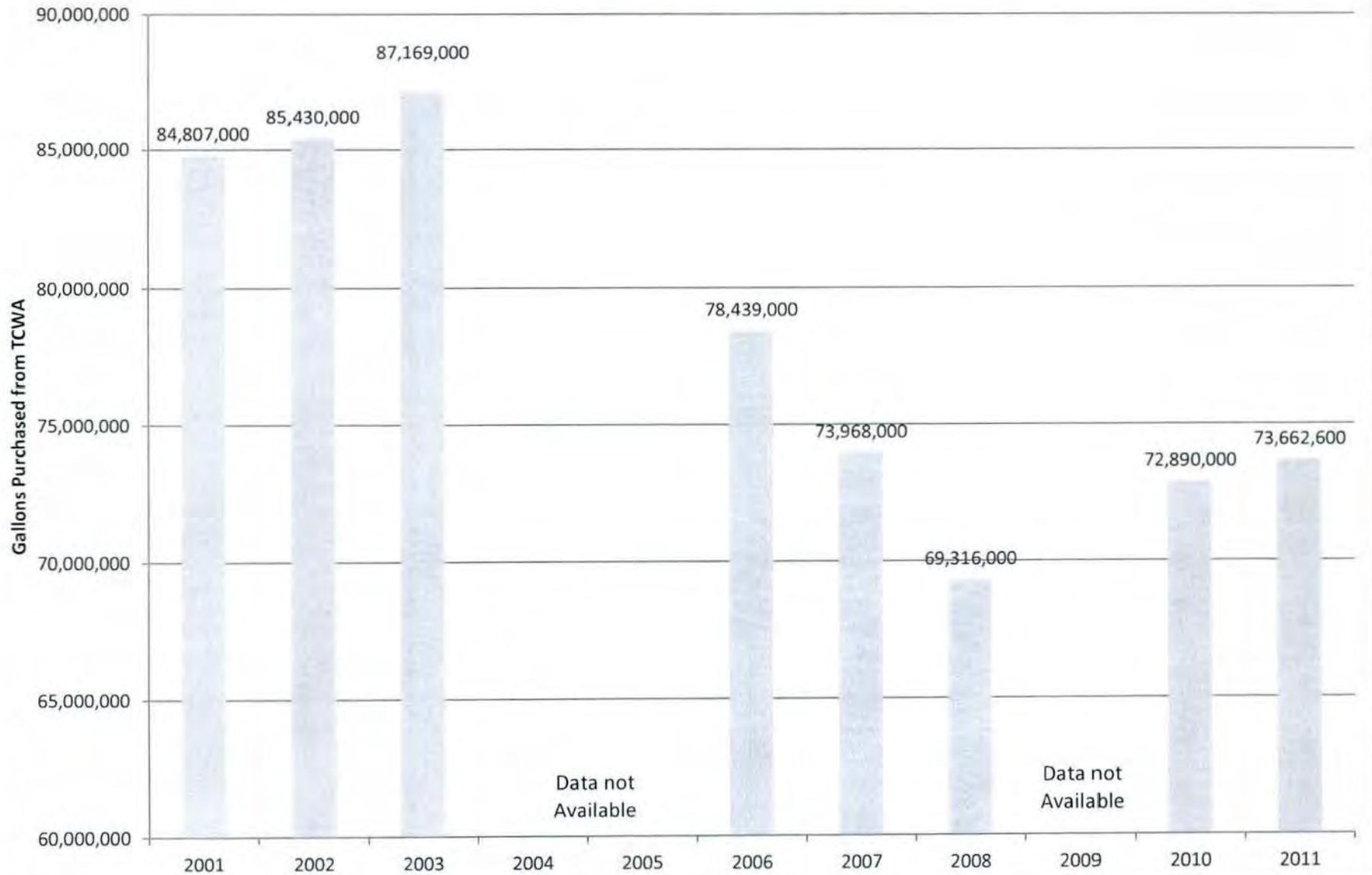
Percent of map unit: 1 percent
Landform: Closed depressions
Landform position (two-dimensional): Toeslope
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: Closed Depression (R054XY022ND)
Other vegetative classification: Not suited (G054XY000ND)

Data Source Information

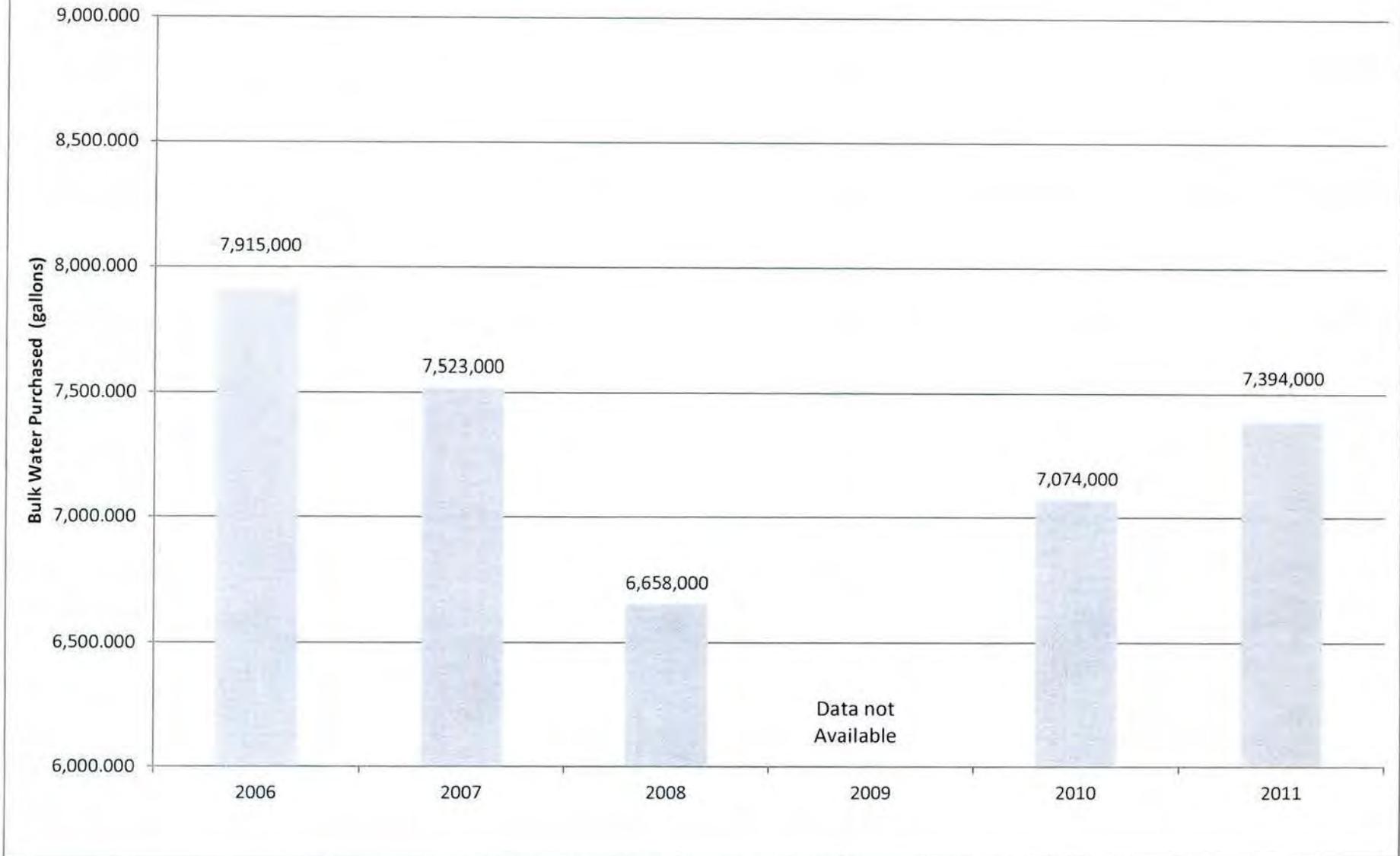
Soil Survey Area: Dewey County, South Dakota
Survey Area Data: Version 12, Mar 22, 2011
Soil Survey Area: Ziebach County, South Dakota
Survey Area Data: Version 11, Mar 30, 2011

APPENDIX B
WATER USE SUMMARY

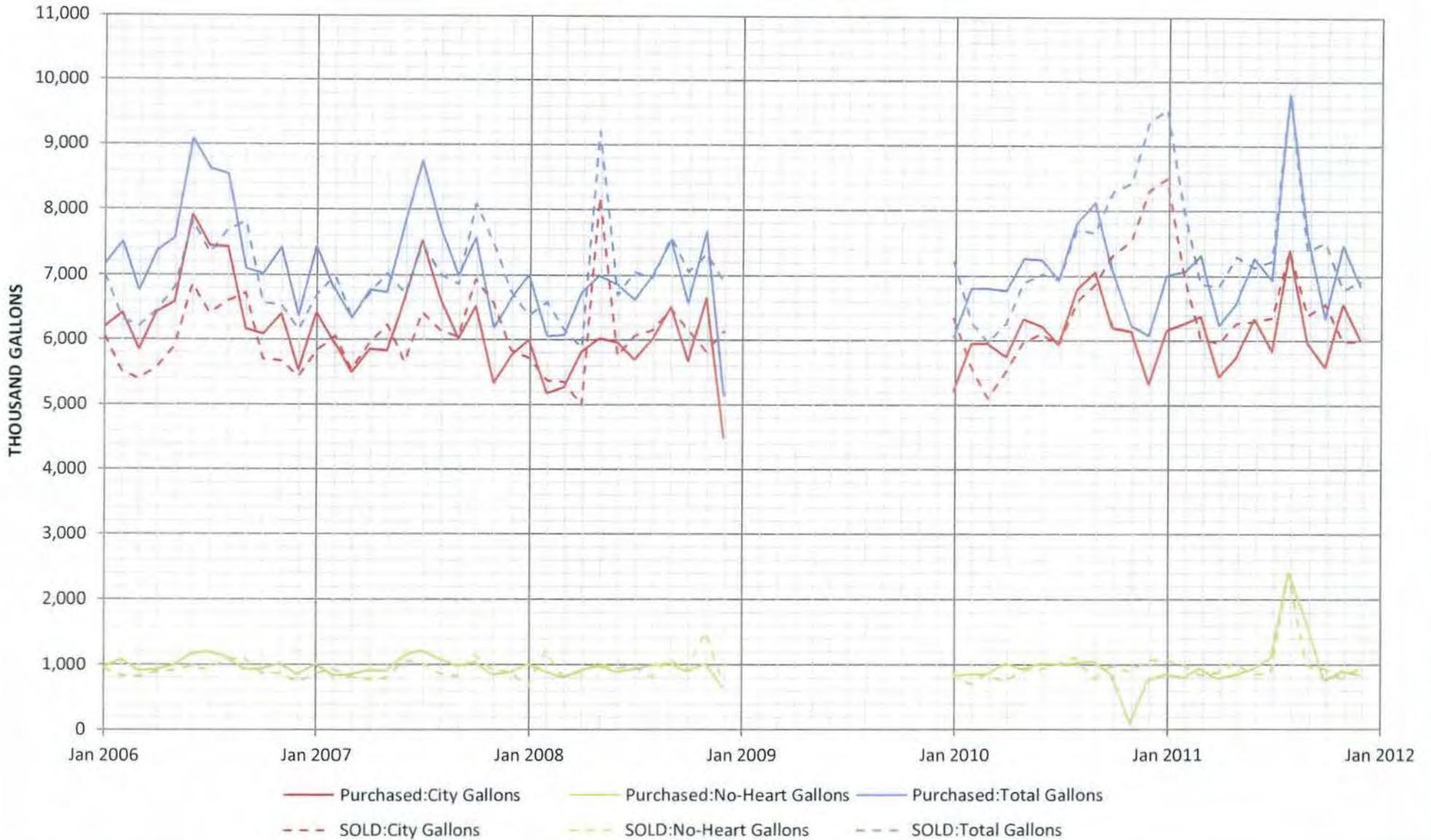
Annual Bulk Water Purchase City of Eagle Butte, SD



Peak Month Bulk Water Purchase City of Eagle Butte, SD



Water Purchase and Sales City of Eagle Butte, South Dakota



APPENDIX C
WATER USE DATA

JANUARY 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	756	190	4,888,000	25%	\$8,810.96	289	\$2,270.00
2	158	44	2,215,000	28%	\$4,439.78	19	\$475.00
3	162	0	0	0%	\$16,222.56	0	\$0.00
	1076	234	7,103,000	27%	\$29,473.30	308	\$2,745.00

NH	121	6	850,000	5%	\$1,327.46	26	\$445.00
			6,253,000				

TCWA	CITY	6,744,000	-6,253,000	491,000
	NO HEART	1,062,000	-850,000	212,000
		7,806,000	-7,103,000	703,000

703,000	BY	7,806,000	TOTAL	9.01% LOSS
212,000	BY	1,062,000	NH	19.96% LOSS
491,000	BY	6,744,000	CITY	7.28% LOSS

FEBRUARY 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	758	266	4,528,000	35%	\$8,842.44	420	\$2,856.26
2	168	50	1,746,000	30%	\$10,016.20	21	\$389.00
3	161	1	0	0%	\$19,628.53	0	\$0.00
	1087	317	6,274,000	47%	\$38,487.17	441	\$3,245.26

NH	121	49	881,000	40%	\$941.70	83	\$490.00
			5,393,000				

TCWA	CITY	6,198,000	-5,393,000	805,000
	NO HEART	907,000	-881,000	26,000
		7,105,000	-6,274,000	831,000

831,000	BY	7,105,000	TOTAL	11.70% LOSS
26,000	BY	907,000	NH	2.87% LOSS
805,000	BY	6,198,000	CITY	12.99% LOSS

MARCH 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	761	124	4,494,000	16%	\$8,742.04	217	\$2,045.00
2	168	46	1,741,000	27%	\$8,288.30	15	\$650.00
3	164	0	0	0%	\$19,697.47	0	\$0.00
	1,093	170	6,235,000	18%	\$36,727.81	232	\$2,695.00

NH	121	2	895,000	2%	\$1,218.43	21	\$360.00
			5,340,000				

TCWA	CITY	6,168,000	-5,340,000	828,000
		912,000	-895,000	17,000
		7,080,000	-6,235,000	845,000
	NO HEART			

845,000	BY	7,080,000	TOTAL	11.94% LOSS
17,000	BY	912,000	NH	1.86% LOSS
828,000	BY	6,168,000	CITY	13.42% LOSS

APRIL 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	767	279	4,643,000	36%	\$10,563.46	417	\$2,680.00
2	165	50	1,925,000	30%	\$8,086.71	3	\$960.00
3	164	0	0	0%	\$20,141.53	0	\$0.00
	1,096	329	6,568,000	26%	\$38,791.70	420	\$3,640.00

NH	121	50	896,000	41%	\$1,581.70	86	\$620.00
			5,672,000				

TCWA	CITY NO HEART	7,121,000	-5,672,000	1,449,000
		1,034,000	-896,000	138,000
		8,155,000	-6,568,000	1,587,000

1,587,000	BY	8,155,000	TOTAL	19.46% LOSS
138,000	BY	1,034,000	NH	13.35% LOSS
1,449,000	BY	7,121,000	CITY	20.35% LOSS

MAY 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	767	272	5,067,000	35%	\$9,164.35	428	\$3,270.05
2	164	39	2,192,000	24%	\$6,377.78	0	\$0.00
3	167	0	0	0%	\$15,962.96	0	\$0.00
	1098	311	7,259,000	33%	\$31,505.09	428	\$3,270.05

NH	121	53	1,007,000	44%	\$1,575.90	100	\$955.00
			6,252,000				

TCWA	CITY	6,314,000	-6,252,000	62,000
		1,009,000	-1,007,000	2,000
		7,323,000	-7,259,000	64,000
NO HEART				

64,000	BY	7,323,000	TOTAL	0.87% LOSS
2,000	BY	1,009,000	NH	0.20% LOSS
62,000	BY	6,314,000	CITY	0.98% LOSS

JUNE 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	760	283	4,877,000	37%	\$10,490.87	433	\$2,740.00
2	166	58	1,769,000	35%	\$12,683.58	19	\$582.00
3	165	0	0	0%	\$16,284.51	0	\$0.00
	1091	341	6,646,000	36%	\$39,458.96	452	\$3,322.00

NH	121	58	981,000	48%	\$2,394.26	91	\$790.00
			5,665,000				

TCWA	CITY NO HEART	7,241,000	-5,665,000	1,576,000
		1,259,000	-981,000	278,000
		8,500,000	-6,646,000	1,854,000

1,854,000	BY	8,500,000	TOTAL	21.81% LOSS
278,000	BY	1,259,000	NH	22.08% LOSS
1,576,000	BY	7,241,000	CITY	21.76% LOSS

JULY 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	755	251	5,537,000	33%	\$8,743.24	397	\$3,575.00
2	169	51	2,081,000	30%	\$10,073.08	3	\$75.00
3	182	0	0	0%	\$20,280.46	0	\$0.00
	1106	302	7,618,000	31%	\$39,096.78	400	\$3,650.00

NH	120	51	1,208,000	32%	\$2,027.00	85	\$870.00
			6,410,000				

TCWA	CITY	7,798,000	-6,410,000	1,388,000
		1,603,000	-1,208,000	395,000
		9,401,000	-7,618,000	1,783,000
NO HEART				

1,783,000	BY	9,401,000	TOTAL	18.97% LOSS
395,000	BY	1,603,000	NH	24.64% LOSS
1,388,000	BY	7,798,000	CITY	17.80% LOSS

AUGUST 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	767	216	6,096,000	28%	\$9,800.25	387	\$3,205.00
2	169	56	2,276,000	33%	\$15,075.18	2	\$671.15
3	190	0	0	0%	\$20,520.82	0	\$0.00
	1126	272	8,372,000	29%	\$45,396.25	389	\$3,876.15

NH	121	40	1,253,000	33%	\$3,008.03	68	\$705.00
			7,119,000				

TCWA	CITY	8,536,000	-7,119,000	1,417,000
		1,443,000	-1,253,000	190,000
		9,979,000	-8,372,000	1,607,000
	NO HEART			

1,607,000	BY	9,979,000	TOTAL	16.10% LOSS
190,000	BY	1,443,000	NH	13.17% LOSS
1,417,000	BY	8,536,000	CITY	16.60% LOSS

SEPTEMBER 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	764	156	5,974,000	20%	\$8,626.45	277	\$2,030.00
2	171	35	2,102,000	20%	\$4,894.87	1	\$10.00
3	207	0	0	0%	\$20,467.12	0	\$0.00
	1142	191	8,076,000	28%	\$33,988.44	278	\$2,040.00

NH	120	46	1,080,000	20%	\$2,091.19	87	\$810.00
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6,996,000

TCWA CITY
 NO HEART

8,326,000
1,126,000
9,452,000

-6,996,000
-1,080,000
-8,076,000

1,330,000
46,000
1,376,000

1,376,000	BY	9,452,000	TOTAL	14.56% LOSS
46,000	BY	1,126,000	NH	4.09% LOSS
1,330,000	BY	8,326,000	CITY	15.97% LOSS

OCTOBER 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	766	234	4,806,000	31%	\$24,246.67	397	\$3,514.74
2	167	45	2,252,000	27%	\$1,647.53	5	\$675.00
3	211	0		0%	\$20,728.78	0	\$0.00
	1144	279	7,058,000	24%	\$46,622.98	402	\$4,189.74

NH	120	34	903,000	28%	\$2,282.46	72	\$860.00
			6,155,000				

TCWA	CITY	6,867,000	-6,155,000	712,000
		984,000	-903,000	81,000
		7,851,000	-7,058,000	793,000
	NO HEART			

793,000	BY	7,851,000	TOTAL	10.10% LOSS
81,000	BY	984,000	NH	8.23% LOSS
712,000	BY	6,867,000	CITY	10.37% LOSS

NOVEMBER 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	763	246	4,820,000	32%	\$7,643.60	380	\$2,495.00
2	169	52	2,310,000	31%	\$8,791.73	5	\$252.49
3	232	0	0	0%	\$20,492.39	0	\$0.00
	1164	298	7,130,000	32%	\$36,927.72	385	\$2,747.49

NH	120	40	874,000	33%	\$1,550.30	77	\$620.00
			6,256,000				

TCWA	CITY	6,862,000	-6,256,000	606,000
		932,000	-874,000	58,000
		7,794,000	-7,130,000	664,000
NO HEART				

664,000	BY	7,794,000	TOTAL	8.52% LOSS
58,000	BY	932,000	NH	6.22% LOSS
606,000	BY	6,862,000	CITY	8.83% LOSS

DECEMBER 2001 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	759	345	4,591,000	45%	\$13,302.16	476	\$4,433.00
2	169	63	1,957,000	37%	\$19,832.94	6	\$347.00
3	244	0	0	0%	\$21,233.55	0	\$0.00
	1172	408	6,548,000	44%	\$54,368.65	482	\$4,780.00

NH	121	81	954,000	67%	\$2,578.90	96	\$845.00
			5,594,000				

TCWA	CITY	6,632,000	-5,594,000	1,038,000
		922,000	-954,000	-32,000
		7,554,000	-6,548,000	1,006,000
	NO HEART			

1,006,000	BY	7,554,000	TOTAL	13.32% LOSS
-32,000	BY	922,000	NH	-3.47% GAIN
1,006,000	BY	6,632,000	CITY	15.17% LOSS

2001 CONSUMPTION ANALYSIS

MONTH 2002	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	6,744,000	1,062,000	7,806,000	6,253,000	850,000	7,103,000
FEBRUARY	6,198,000	907,000	7,105,000	5,393,000	881,000	6,274,000
MARCH	6,168,000	912,000	7,080,000	5,340,000	895,000	6,235,000
APRIL	7,121,000	1,034,000	8,155,000	5,672,000	896,000	6,568,000
MAY	6,314,000	1,009,000	7,323,000	6,252,000	1,007,000	7,259,000
JUNE	7,241,000	1,259,000	8,500,000	5,665,000	981,000	6,646,000
JULY	7,798,000	1,603,000	9,401,000	6,410,000	1,208,000	7,618,000
AUGUST	8,536,000	1,443,000	9,979,000	7,119,000	1,253,000	8,372,000
SEPTEMBER	8,326,000	1,126,000	9,452,000	6,996,000	1,080,000	8,076,000
OCTOBER	6,867,000	984,000	7,851,000	6,155,000	903,000	7,058,000
NOVEMBER	6,862,000	932,000	7,794,000	6,256,000	874,000	7,130,000
DECEMBER	6,632,000	922,000	7,554,000	5,594,000	954,000	6,548,000
TOTALS	84,807,000	13,193,000	98,000,000	73,105,000	11,782,000	84,887,000

CITY GALLONS SOLD	84,887,000
TCWA GALLONS PURCHASED	98,000,000
	13,113,000

13%
LOSS

CITY	CYCLE 1	CYCLE 2	CYCLE 3
	4,888,000	2,215,000	0
	4,528,000	1,746,000	0
	4,494,000	1,741,000	0
	4,643,000	1,925,000	0
	5,067,000	2,192,000	0
	4,877,000	1,769,000	0
	5,537,000	2,081,000	0
	6,096,000	2,276,000	0
	5,974,000	2,102,000	0
	4,806,000	2,252,000	0
	4,820,000	2,310,000	0
	4,591,000	1,957,000	0
TOTAL	60,321,000	24,566,000	0

84,887,000

JANUARY 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	772	345	4,591,000	45%	\$14,243.11	476	\$4,433.00
2	169	60	1,935,000	33%	\$19,823.94	6	\$347.00
3	236	0	0	0%	\$20,860.46	0	\$0.00
	1177	405	6,526,000	34%	\$54,927.51	482	\$0.00

NH	121	46	942,000	38%	\$1,692.53	68	\$680.00
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5,584,000

TCWA	CITY	6,788,000	-5,584,000	1,204,000
	NO HEART	940,000	-942,000	-2,000
		7,728,000	-6,526,000	1,202,000

1,202,000	BY	7,728,000	TOTAL	15.55% LOSS
-2,000	BY	940,000	NH	-0.21% GAIN
1,204,000	BY	6,788,000	CITY	17.74% LOSS

FEBRUARY 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	805	487	5,267,000	60%	\$12,722.38	481	\$3,425.00
2	172	81	3,216,000	47%	\$4,002.88	7	\$2,741.01
3	229	1	0	0%	\$15,196.35	0	\$0.00
	1206	569	8,483,000	47%	\$31,921.61	488	\$6,166.01

NH	119	75	858,000	63%	\$1,841.50	85	\$610.00
			7,625,000				

TCWA	CITY NO HEART	6,780,000	-7,625,000	-845,000
		905,000	-858,000	47,000
		7,685,000	-8,483,000	-798,000

-798,000	BY	7,685,000	TOTAL	-10.38% GAIN
47,000	BY	905,000	NH	5.19% LOSS
-845,000	BY	6,780,000	CITY	-12.46% GAIN

MARCH 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	792	235	4,353,000	30%	\$9,641.12	426	\$2,953.94
2	167	58	4,386,000	35%	\$1,159.30	2	\$75.00
3	234	0	0	0%	\$17,579.54	0	\$0.00
	1,193	293	8,739,000	31%	\$28,379.96	428	\$3,028.94

NH	120	53	897,000	44%	\$2,247.70	82	\$965.00
			7,842,000				

TCWA	CITY	6,302,000	-7,842,000	-1,540,000
	NO HEART	881,000	-897,000	-16,000
		7,183,000	-8,739,000	-1,556,000

-1,556,000	BY	7,183,000	TOTAL	-21.66% GAIN
-16,000	BY	881,000	NH	-1.82% GAIN
-1,540,000	BY	6,302,000	CITY	-24.44% GAIN

April

APRIL 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	795	209	4,820,000	26%	\$10,477.23	355	\$2,955.00
2	167	37	2,026,000	22%	\$4,082.85	5	\$1,325.00
3	240	0	0	0%	\$19,127.38	0	\$0.00
	1202	246	6,846,000	26%	\$33,687.46	360	\$4,280.00

NH	121	63	928,000	52%	\$2,303.80	80	\$745.00
			5,918,000				

TCWA	CITY NO HEART	6,675,000	-5,918,000	757,000
		947,000	-928,000	19,000
		7,622,000	-6,846,000	776,000

776,000	BY	7,622,000	TOTAL	10.18% LOSS
19,000	BY	947,000	NH	2.01% LOSS
757,000	BY	6,675,000	CITY	11.34% LOSS

MAY 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	248	4,852,000	31%	\$12,931.25	434	\$3,015.00
2	170	50	1,964,000	29%	\$264.08	2	\$50.00
3	240	0	0	0%	\$14,260.39	0	\$0.00
	1208	298	6,816,000	30%	\$27,455.72	436	\$3,065.00

NH	120	69	954,000	58%	\$2,962.90	91	\$810.00
			5,862,000				

TCWA	CITY NO HEART	7,474,000	-5,862,000	1,612,000
		1,133,000	-954,000	179,000
		8,607,000	-6,816,000	1,791,000

1,791,000	BY	8,607,000	TOTAL	20.81% LOSS
179,000	BY	1,133,000	NH	15.80% LOSS
1,612,000	BY	7,474,000	CITY	21.57% LOSS

JUNE 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	801	200	5,639,000	25%	\$10,462.80	408	\$3,695.00
2	172	46	2,438,000	27%	\$3,643.65	5	\$110.00
3	263	0	0	0%	\$19,344.38	0	\$0.00
	1236	246	8,077,000	26%	\$33,450.83	413	\$3,805.00

NH	120	61	984,000	51%	\$2,419.90	86	\$805.00
			7,093,000				

TCWA	CITY	10,212,000	-7,093,000	3,119,000
		1,535,000	-984,000	551,000
		11,747,000	-8,077,000	3,670,000
	NO HEART			

3,670,000	BY	11,747,000	TOTAL	31.24% LOSS
551,000	BY	1,535,000	NH	35.90% LOSS
3,119,000	BY	10,212,000	CITY	30.54% LOSS

JULY 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	799	198	6,035,000	25%	\$10,397.54	332	\$2,905.00
2	172	44	2,192,000	26%	\$1,526.77	6	\$223.53
3	272	0	0	0%	\$19,393.12	0	\$0.00
	1243	242	8,227,000	25%	\$31,317.43	338	\$3,128.53

NH	120	47	1,219,000	39%	\$2,020.95	70	\$870.00
			7,008,000				

TCWA	CITY	6,366,000	-7,008,000	-642,000
	NO HEART	952,000	-1,219,000	-267,000
		7,318,000	-8,227,000	-909,000

-909,000	BY	7,318,000	TOTAL	-12.42% GAIN
-267,000	BY	952,000	NH	-28.05% GAIN
-642,000	BY	6,366,000	CITY	-10.08% GAIN

AUGUST 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	801	213	5,853,000	27%	\$10,930.78	321	\$3,457.00
2	173	59	2,732,000	34%	\$1,261.82	4	\$166.73
3	267	0	0	0%	\$14,392.24	0	\$0.00
	1241	272	8,585,000	28%	\$26,584.84	325	\$3,623.73

NH	119	7	1,184,000	6%	\$2,139.30	27	\$665.00
			7,401,000				

TCWA	CITY NO HEART	8,422,000	-7,401,000	1,021,000
		1,328,000	-1,184,000	144,000
		9,750,000	-8,585,000	1,165,000

1,165,000	BY	9,750,000	TOTAL	11.95% LOSS
144,000	BY	1,328,000	NH	10.84% LOSS
1,021,000	BY	8,422,000	CITY	12.12% LOSS

SEPTEMBER 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	803	236	5,291,000	29%	\$13,074.73	441	\$3,830.00
2	169	45	2,451,000	27%	\$3,035.12	0	\$0.00
3	291	0	0	0%	\$19,859.46	0	\$0.00
	1263	281	7,742,000	28%	\$35,969.31	441	\$3,830.00

NH	120	57	1,079,000	61%	\$2,872.20	85	\$955.00
			6,663,000				

TCWA	CITY	7,809,000	-6,663,000	1,146,000
	NO HEART	1,125,000	-1,079,000	46,000
		8,934,000	-7,742,000	1,192,000

1,192,000	BY	8,934,000	TOTAL	13.34% LOSS
46,000	BY	1,125,000	NH	4.09% LOSS
1,146,000	BY	7,809,000	CITY	14.68% LOSS

OCTOBER 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	804	184	5,164,000	23%	\$12,786.50	331	\$3,315.00
2	158	47	21,989,000	30%	\$3,936.63	3	\$0.00
3	289	0	0	0%	\$14,552.52	0	\$0.00
	1251	231	27,153,000	24%	\$31,275.65	334	\$3,315.00

NH	119	59	962,000	50%	\$2,914.20	91	\$965.00
			26,191,000				

TCWA	CITY	6,299,000	-26,191,000	-19,892,000
	NO HEART	922,000	-962,000	-40,000
		7,221,000	-27,153,000	-19,932,000

-19,932,000	BY	7,221,000	TOTAL	-276.03% GAIN
-40,000	BY	922,000	NH	-4.34% GAIN
-19,892,000	BY	6,299,000	CITY	-315.80% GAIN

NOVEMBER 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	806	263	5,060,000	33%	\$12,535.86	105	\$2,161.65
2	170	67	2,054,000	39%	\$9,536.96	12	\$1,317.66
3	215	0	0	0%	\$22,803.67	0	\$0.00
	1191	330	7,114,000	34%	\$44,876.49	117	\$3,479.31

NH	121	11	872,000	9%	\$1,883.00	27	\$445.00
			6,242,000				

TCWA	CITY	6,863,000	-6,242,000	621,000
		984,000	-872,000	112,000
		7,847,000	-7,114,000	733,000
NO HEART				

733,000	BY	7,847,000	TOTAL	9.34% LOSS
112,000	BY	984,000	NH	11.38% LOSS
621,000	BY	6,863,000	CITY	9.05% LOSS

DECEMBER 2002 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	804	336	4,805,000	42%	\$14,052.28	492	\$3,510.00
2	171	59	1,939,000	29%	\$8,494.70	0	\$0.00
3	220	0	0	0%	\$17,898.78	0	\$0.00
	1195	395	6,744,000	41%	\$40,445.76	492	\$3,510.00

NH	121	77	940,000	64%	\$2,434.73	81	\$540.00
			5,804,000				

TCWA	CITY	5,440,000	-5,804,000	-364,000
		758,000	-940,000	-182,000
		6,198,000	-6,744,000	-546,000
NO HEART				

-546,000	BY	6,198,000	TOTAL	-8.81% GAIN
-182,000	BY	758,000	NH	-24.01% GAIN
-364,000	BY	5,440,000	CITY	-6.69% GAIN

2002 CONSUMPTION ANALYSIS

MONTH 2002	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	6,788,000	940,000	7,728,000	5,584,000	942,000	6,526,000
FEBRUARY	6,780,000	905,000	7,685,000	7,625,000	858,000	8,483,000
MARCH	6,302,000	881,000	7,183,000	7,842,000	897,000	8,739,000
APRIL	6,675,000	947,000	7,622,000	5,918,000	928,000	6,846,000
MAY	7,474,000	1,133,000	8,607,000	5,862,000	954,000	6,816,000
JUNE	10,212,000	1,535,000	11,747,000	7,093,000	984,000	8,077,000
JULY	6,366,000	952,000	7,318,000	7,008,000	1,219,000	8,227,000
AUGUST	8,422,000	1,328,000	9,750,000	7,401,000	1,184,000	8,585,000
SEPTEMBER	7,809,000	1,125,000	8,934,000	6,663,000	1,079,000	7,742,000
OCTOBER	6,299,000	922,000	7,221,000	26,191,000	962,000	27,153,000
NOVEMBER	6,863,000	984,000	7,847,000	6,242,000	872,000	7,114,000
DECEMBER	5,440,000	758,000	6,198,000	5,804,000	940,000	6,744,000
TOTALS	85,430,000	12,410,000	97,840,000	99,233,000	11,819,000	111,052,000

CITY GALLONS SOLD	111,052,000
TCWA GALLONS PURCHASED	97,840,000
	13,212,000

14%
GAIN

CITY	CYCLE 1	CYCLE 2	CYCLE 3
	4,836,000	1,793,000	0
	4,411,000	2,046,000	0
	5,533,000	1,869,000	0
	4,820,000	2,026,000	0
	4,852,000	1,964,000	0
	5,639,000	2,438,000	0
	6,035,000	2,192,000	0
	5,853,000	2,732,000	0
	5,291,000	2,451,000	0
	5,164,000	1,961,000	0
	5,060,000	2,054,000	0
	4,805,000	1,939,000	0
TOTAL	62,299,000	25,465,000	0

87,764,000

JANUARY 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	805	276	5,074,000	34%	\$14,001.76	473	\$3,551.00
2	170	65	2,364,000	38%	\$3,583.68	3	\$90.00
3	234	0	0	0%	\$23,514.92	0	\$0.00
	975	341	7,438,000	35%	\$41,100.36	476	\$3,641.00

NH	121	74	874,000	61%	\$2,159.70	98	\$1,055.00
			6,564,000				

TCWA CITY
NO HEART

7,811,000
1,157,000
8,968,000

-6,564,000
-874,000
-7,438,000

1,247,000
283,000
1,530,000

1,530,000 BY 8,968,000 TOTAL	17%LOSS
283,000 BY 1,157,000 NH	24% LOSS
1,247,000 BY 7,811,000 CITY	16%LOSS

FEBRUARY 2003 CONSUMPTION ANALYSIS

CORRECTIVE REPORT AFTER CORRECTIVE BILLING

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	791	326	4,995,000	41%	\$12,722.38	481	\$3,425.00
2	160	75	3,136,000	47%	\$7,120.89	6	\$2,141.01
3	233	2	7,000	1%	\$17,789.55	1	\$10.00
	1,184	568	8,138,000	42%	\$37,632.82	488	\$5,576.01

NH	119	56	858,000	47%	\$1,841.50	85	\$610.00
			7,280,000				

TCWA CITY
NO HEART

6,121,000
860,000
6,981,000

-7,280,000
-858,000
-8,138,000

-1,159,000
2,000
-1,161,000

1,161,000 BY 6,981,000 TOTAL	17%GAIN
2,000 BY 860,000 NH	0% LOSS
1,159,000 BY 6,121,000 CITY	19%GAIN

THIS IS A SECOND REPORT FOR FEBUARY COMPLETED TO INCLUDE MANUAL ADJUSTMENT BASED UPON ALL CORRECTIVE BILLING AFTER THE BILLING FILE WAS INADVERTENTLY LOST BY SHANON K. LECOMPTE. A DIRECTION WAS ISSUED BY THE F.O. FOR THIS PURPOSE DUE TO THE ISSUES NOTED TO DATE IN COMPLETING CONSUMPTION ANALYSIS REPORT.

MARCH 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	803	255	4,679,000	32%	\$13,923.55	477	\$3,655.00
2	172	59	11,665,000	34%	\$7,431.65	0	\$0.00
3	245	0	0	0%	\$23,167.83	0	\$0.00
	1,220	314	16,344,000	33%	\$44,523.03	477	\$3,655.00

NH	120	52	897,000	43%	\$2,247.70	82	\$965.00
			15,447,000				

TCWA	CITY	5,695,000	-15,447,000	-9,752,000
	NO HEART	838,000	-897,000	-59,000
		6,533,000	-16,344,000	-9,811,000

9,811,000	BY 6,533,000	TOTAL	67% GAIN
59,000	BY 838,000	NH	7% GAIN
9,752,000	BY 5,695,000	CITY	58% GAIN

Note: City billing register after corrective billing dated 4/29/03

Issue noted by Sheila J. Ganje 5/1/03

1. There was a work order dated 3/31/03 prepared by Shanon k. LeCompte (#0782 attached) where by BIA notified the City that they were connecting the BIA swimming pool and gave a beginning meter read of 17347900. Ms. LeCompte did not act on the work order therefore they were not billed in March nor April.

Review comments/ questions by Sheila J. Ganje 5/01/03

1. Is TCWA billing based on estimate?

There is no asterik on the billing card therefore the computer did not estimate billing.

Did an employee post a meter read based upon an estimate?

2. Is the master meter(s) located at the water tower(s) functioning properly.

3. City has a 33% estimation and is estimation creating this large gain?

Decision: Perform a 6 month review (Jan.- June 2003) of water consumption and determine if there is an overall gain or loss over this period. If there is a significant gain by City after 6 months, actions may entail conferring with TCWA regarding master meters and meter reading.

APRIL 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	805	240	4,686,000	30%	\$15,261.40	422	\$3,210.00
2	173	54	2,431,000	31%	\$48,071.05	1	\$25.00
3	250	0	0	0%	\$23,553.72	0	\$0.00
	1,228	294	7,117,000	30%	\$86,886.17	423	\$3,235.00

NH	121	56	883,000	46%	\$2,532.54	109	\$860.00
			6,234,000				

TCWA CITY
NO HEART

7,085,000
1,020,000
8,105,000

-6,234,000
-883,000
-7,117,000

851,000
137,000
988,000

988,000 BY 8,105,000	TOTAL	12% LOSS
137,000 BY 1,020,000	NH	12% LOSS
851,000 BY 7,085,000	CITY	12% LOSS

MAY 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	806	256	4,727,000	32%	\$18,833.93	416	\$3,682.22
2	174	56	2,203,000	32%	\$39,384.89	5	\$85.76
3	247	0	0	0%	\$17,646.11	0	\$0.00
	1,227	312	6,930,000	32%	\$75,864.93	421	\$3,767.98

NH	121	71	884,000	59%	\$3,141.20	100	\$910.00
			6,046,000				

TCWA	CITY	7,041,000	-6,046,000	995,000
		1,080,000	-884,000	196,000
		8,121,000	-6,930,000	1,191,000

NO HEART

1,191,000	BY 8,121,000	TOTAL	15% LOSS
196,000	BY 1,080,000	NH	18% LOSS
995,000	BY 7,041,000	CITY	14% LOSS

JUNE 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	792	231	4,957,000	29%	\$15,551.85	416	\$4,062.00
2	163	49	2,387,000	30%	\$47,646.65	35	\$160.00
3	269	0	0	0%	\$27,006.23	0	\$0.00
	1,224	280	7,344,000	30%	\$90,204.73	451	\$4,222.00

NH	121	6	1,018,000	5%	\$2,394.60	44	\$1,030.00
			6,326,000				

TCWA CITY
 NO HEART

9,187,000
1,467,000
10,654,000

-7,344,000
-1,018,000
-8,362,000

1,843,000
449,000
2,292,000

2,292,000 BY 10,654,000	TOTAL	22% LOSS
449,000 BY 1,467,000	NH	31% LOSS
1,843,000 BY 9,187,000	CITY	20% LOSS

JULY 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	793	300	5,663,000	38%	\$15,991.27	499	\$4,230.00
2	163	38	2,437,000	23%	\$7,838.50	41	\$435.00
3	257	0	0	0%	\$21,110.80	0	\$0.00
	1,213	338	8,100,000	35%	\$44,940.57	540	\$4,665.00

NH	121	68	1,089,000	56%	\$3,368.29	115	\$1,070.00
			7,011,000				

TCWA CITY
NO HEART

8,468,000
1,271,000
9,739,000

-8,100,000
-1,089,000
-9,189,000

368,000
182,000
550,000

550,000 BY 9,739,000	TOTAL	6% LOSS
182,000 BY 1,271,000	NH	14% LOSS
368,000 BY 8,468,000	CITY	4% LOSS

AUGUST 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	797	241	6,093,000	30%	\$15,368.50	418	\$3,387.00
2	163	28	2,741,000	17%	\$9,617.68	3	\$300.00
3	166	0	0	0%	\$23,465.92	0	\$0.00
	1,126	269	8,834,000	24%	\$48,452.10	421	\$3,687.00

NH	121	60	1,161,000	50%	\$3,010.10	98	\$620.00
			7,673,000				

TCWA CITY
 NO HEART

7,864,000
1,243,000
9,107,000

-8,834,000
-1,161,000
-9,995,000

-970,000
82,000
-888,000

888,000 BY 9,107,000	TOTAL	10% GAIN
82,000 BY 1,243,000	NH	7% LOSS
970,000 BY 7,864,000	CITY	12% GAIN

SEPTEMBER 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	816	260	5,632,000	32%	\$18,966.29	493	\$4,552.00
2	171	35	2,387,000	20%	\$7,009.63	31	\$105.00
3	166	0	0	0%	\$23,465.92	0	\$0.00
	1,153	295	8,019,000	26%	\$49,441.84	524	\$4,657.00

NH	121	75	1,025,000	62%	\$3,045.12	113	\$1,295.00
			6,994,000				

TCWA CITY
 NO HEART

7,864,000
1,243,000
9,107,000

-6,994,000
-1,025,000
-8,019,000

870,000
218,000
1,088,000

1,088,000 BY 9,107,000	TOTAL	12% LOSS
218,000 BY 1,243,000	NH	18% LOSS
870,000 BY 7,864,000	CITY	11% LOSS

OCTOBER 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	804	217	5,403,000	27%	\$16,886.85	367	\$3,510.00
2	160	44	2,247,000	28%	\$1,512.22	40	\$175.00
3	173	0	0	0%	\$23,610.69	0	\$0.00
	1,137	261	7,650,000	26%	\$42,009.76	407	\$3,685.00

NH	120	10	1,271,000	62%	\$2,921.85	46	\$765.00
			6,379,000				

TCWA CITY
 NO HEART

6,411,000
973,000
7,384,000

-6,379,000
-1,271,000
-7,650,000

32,000
-298,000
-266,000

266,000 BY 7,384,000	TOTAL	4% GAIN
298,000 BY 973,000	NH	31% LOSS
32,000 BY 6,411,000	CITY	0% LOSS/GAIN

NOVEMBER 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	803	328	4,965,000	41%	\$19,931.63	569	\$3,561.82
2	160	38	1,767,000	24%	\$7,274.57	54	\$190.00
3	212	0	0	0%	\$28,917.51	0	\$0.00
	1,175	366	6,732,000	31%	\$56,123.71	623	\$3,751.82

NH	120	59	978,000	49%	\$3,585.57	115	\$860.00
			5,754,000				

TCWA CITY
 NO HEART

6,811,000
1,066,000
7,877,000

-5,754,000
-978,000
-6,732,000

1,057,000
88,000
1,145,000

1,145,000 BY 7,877,000	TOTAL	15% LOSS
88,000 BY 1,066,000	NH	8% LOSS
1,057,000 BY 6,811,000	CITY	16% LOSS

DECEMBER 2003 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	814	243	5,037,000	30%	\$18,216.61	519	\$4,741.00
2	161	35	1,953,000	22%	\$7,846.93	25	\$125.00
3	226	0	0	0%	\$29,083.15	0	\$0.00
	1,201	278	6,990,000	29%	\$55,146.69	544	\$4,866.00

NH	120	38	971,000	32%	\$2,237.41	119	\$1,095.00
			6,019,000				

TCWA CITY
NO HEART

6,811,000
1,066,000
7,877,000

-6,019,000
-971,000
-6,990,000

792,000
95,000
887,000

887,000 BY 7,877,000	TOTAL	11% LOSS
95,000 BY 1,066,000	NH	9% LOSS
792,000 BY 6,811,000	CITY	12% LOSS

2003 CONSUMPTION ANALYSIS

MONTH 2002	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	7,811,000	1,157,000	8,968,000	6,564,000	874,000	7,438,000
FEBRUARY	6,121,000	860,000	6,981,000	7,280,000	858,000	8,138,000
MARCH	5,695,000	838,000	6,533,000	15,447,000	897,000	16,344,000
APRIL	7,085,000	1,020,000	8,105,000	6,234,000	883,000	7,117,000
MAY	7,041,000	1,080,000	8,121,000	6,046,000	884,000	6,930,000
JUNE	9,187,000	1,467,000	10,654,000	6,326,000	1,018,000	7,344,000
JULY	8,468,000	1,271,000	9,739,000	7,011,000	1,089,000	8,100,000
AUGUST	7,864,000	1,243,000	9,107,000	7,673,000	1,161,000	8,834,000
SEPTEMBER	7,864,000	1,243,000	9,107,000	6,994,000	1,025,000	8,019,000
OCTOBER	6,411,000	973,000	7,384,000	6,379,000	1,271,000	7,650,000
NOVEMBER	6,811,000	1,066,000	7,877,000	5,754,000	978,000	6,732,000
DECEMBER	6,811,000	1,066,000	7,877,000	6,019,000	971,000	6,990,000
TOTALS	87,169,000	13,284,000	100,453,000	87,727,000	11,909,000	99,636,000

CITY GALLONS SOLD	100,453,000
TCWA GALLONS PURCHASED	-99,636,000
	817,000

1% LOSS

CITY	CYCLE 1	CYCLE 2	CYCLE 3	NH GALLONS SOLD	
	5,074,000	2,364,000	0	TCWA GALLONS PURCHASED	-11,909,000
	4,995,000	3,136,000	7,000		13,284,000
	4,679,000	11,665,000	0		1,375,000
	4,686,000	2,431,000	0		
	4,727,000	2,203,000	0		10% LOSS
	4,957,000	2,387,000	0		
	5,663,000	2,437,000	0		
	6,093,000	2,741,000	0		
	5,632,000	2,387,000	0		
	5,403,000	2,247,000	0		
	4,965,000	1,767,000	0		
	5,037,000	1,953,000	0		
TOTAL	61,911,000	37,718,000	7,000		99,636,000

JANUARY 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	818	203	5,078,000	25%	\$23,437.22	354	\$3,357.22
2	161	41	2,439,000	25%	\$9,070.49	47	\$223.00
3	226	0	0	0%	\$29,083.15	0	\$0.00
	1205	244	7,517,000	25%	\$61,590.86	401	\$3,580.22

NH	120	14	825,000	12%	\$3,037.47	32	\$565.00
			6,692,000				

TCWA CITY
 NO HEART

7,179,000
1,131,000
8,310,000

-6,692,000
-825,000
-7,517,000

487,000
306,000
793,000

793,000 BY 8,310,000 TOTAL	10%LOSS
306,000 BY 1,131,000 NH	27% LOSS
487,000 BY 7,179,000 CITY	7%LOSS

FEBRUARY 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	819	298	5,026,000	36%	\$21,854.17	546	\$3,915.00
2	161	35	2,141,000	22%	\$11,879.02	35	\$813.40
3	206	0	0	0%	\$24,770.44	0	\$0.00
	1186	333	7,167,000	34%	\$58,503.63	581	\$4,728.40

NH	121	82	936,000	68%	\$2,139.60	108	\$1,435.00
			6,231,000				

TCWA	CITY NO HEART	7,147,000	-6,231,000	916,000
		1,078,000	-936,000	142,000
		8,225,000	-7,167,000	1,058,000

1,058,000 BY 8,225,000 TOTAL	13%LOSS
142,000 BY 1,078,000 NH	13% LOSS
916,000 BY 7,147,000 CITY	13%LOSS

MARCH 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	220	5,003,000	28%	\$20,126.29	410	\$3,735.00
2	161	30	1,849,000	19%	\$14,533.21	34	\$145.00
3	210	0	0	0%	\$25,111.05	0	\$0.00
	1169	250	6,852,000	26%	\$59,770.55	444	\$3,880.00

NH	121	50	910,000	41%	\$3,073.40	87	\$1,100.00
			5,942,000				

TCWA CITY
NO HEART

6,616,000	-5,942,000	674,000
1,046,000	-910,000	136,000
7,662,000	-6,852,000	810,000

810,000 BY 7,662,000	TOTAL	11%LOSS
136,000 BY 1,046,000	NH	13% LOSS
674,000 BY 6,616,000	CITY	10%LOSS

APRIL 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	800	221	4,781,000	28%	\$20,929.55	395	\$3,419.36
2	161	19	2,321,000	12%	\$9,561.31	16	\$70.00
3	212	0	0	0%	\$25,031.19	0	\$0.00
	1173	240	7,102,000	25%	\$55,522.05	411	\$3,489.36

NH	121	40	873,000	33%	\$3,975.20	98	\$700.00
			6,229,000				

TCWA CITY
NO HEART

6,468,000
1,015,000
7,483,000

-6,229,000
-873,000
-7,102,000

239,000
142,000
381,000

381,000 BY 7,483,000	TOTAL	5%LOSS
142,000 BY 1,015,000	NH	14% LOSS
239,000 BY 6,468,000	CITY	4%LOSS

MAY 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	797	218	4,633,000	27%	\$22,513.81	377	\$3,478.10
2	161	31	2,212,000	19%	\$11,299.51	40	\$220.00
3	225	0	0	0%	\$25,106.91	0	\$0.00
	1183	249	6,845,000	26%	\$58,920.23	417	\$3,698.10

NH	120	3	771,000	3%	\$3,439.40	32	\$625.00
			6,074,000				

TCWA	CITY	6,803,000	-6,074,000	729,000
		1,051,000	-771,000	280,000
		7,854,000	-6,845,000	1,009,000

NO HEART

1,009,000 BY 7,854,000	TOTAL	13%LOSS
280,000 BY 1,051,000	NH	27% LOSS
729,000 BY 6,803,000	CITY	11%LOSS

NO HEART AREA WAS READ ON 5/18/04 BY CITY EMPLOYEE
 TCWA READ NO HEART MASTER METER ON 5/27/04. THIS LEAVES NINE
 DAYS DIFFERENTS FROM THE TIME CITY READ NO HEART AND THE TIME
 TCWA READ MASTER METER .

JUNE 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	796	243	5,414,000	31%	\$19,528.91	414	\$3,925.00
2	161	31	1,785,000	19%	\$8,548.22	45	\$365.00
3	240	0	0	0%	\$25,542.40	0	\$0.00
	1197	274	7,199,000	29%	\$53,619.53	459	\$4,290.00

NH	120	57	1,072,000	48%	\$2,952.90	105	\$910.00
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6,127,000

TCWA CITY
 NO HEART

6,681,000
1,074,000
7,755,000

-6,127,000
-1,072,000
-7,199,000

554,000
2,000
556,000

556,000 BY 7,755,000	TOTAL	7%LOSS
2,000 BY 1,074,000	NH	0% LOSS
554,000 BY 6,681,000	CITY	8%LOSS

JULY 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	793	272	5,811,000	34%	\$22,400.90	463	\$3,228.00
2	161	32	2,681,000	20%	\$4,793.04	44	\$210.00
3	275	0	0	0%	\$31,571.03	0	\$0.00
	1229	304	8,492,000	32%	\$58,764.97	507	\$3,438.00

NH	120	51	1,064,000	43%	\$3,016.50	93	\$845.00
			7,428,000				

TCWA	CITY NO HEART	8,047,000	-7,428,000	619,000
		1,314,000	-1,064,000	250,000
		9,361,000	-8,492,000	869,000

869,000 BY 9,361,000 TOTAL	9%LOSS
250,000 BY 1,314,000	19%LOSS
619,000 BY 8,047,000 CITY	8%LOSS

AUGUST 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	793	223	5,804,000	28%	\$23,131.07	377	\$4,098.71
2	161	21	2,065,000	13%	\$2,822.84	41	\$495.00
3	282	0	0	0%	\$31,903.67	0	\$0.00
	1236	244	7,869,000	26%	\$57,857.58	418	\$4,593.71

NH	120	11	1,132,000	9%	\$3,192.88	34	\$435.00
			6,737,000				

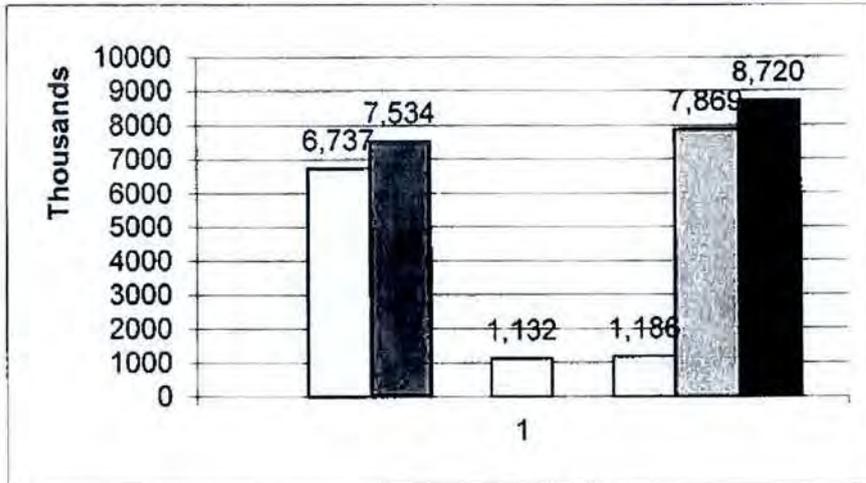
TCWA CITY
NO HEART

7,534,000
1,186,000
8,720,000

-6,737,000
-1,132,000
-7,869,000

797,000
54,000
851,000

851,000 BY 8,720,000 TOTAL	10%LOSS
54,000 BY 1,186,000 NH	5%LOSS
797,000 BY 7,534,000 CITY	11%LOSS



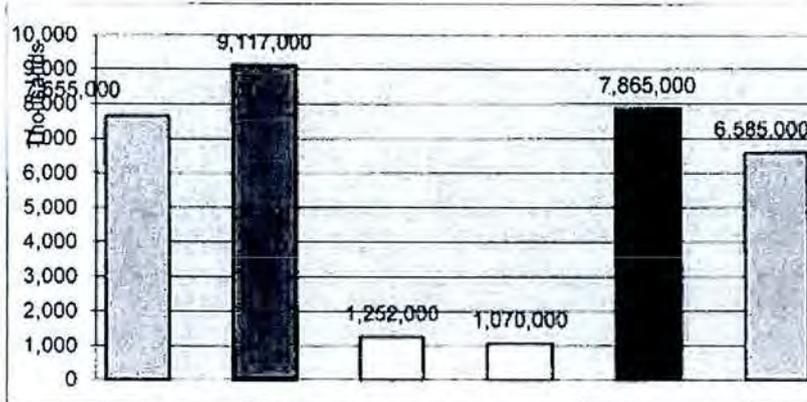
SEPTEMBER 2004 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	271	5,502,000	34%	\$24,474.53	431	\$3,747.24
2	160	25	2,153,000	16%	\$5,625.25	25	\$130.00
3	306	0	0	0%	\$31,792.55	0	\$0.00
	1264	296	7,655,000	31%	\$61,892.33	456	\$3,877.24

NH	121	65	1,070,000	54%	\$3,264.55	103	\$935.00
			6,585,000				

TCWA	CITY	7,865,000	-6,585,000	1,280,000
	NO HEART	1,252,000	-1,070,000	182,000
		9,117,000	-7,655,000	1,462,000

1,462,000 BY 9,117,000 TOTAL	16%LOSS
182,000 BY 1,252,000 NH	15%LOSS
1,280,000 BY 7,865,000 CITY	16%LOSS



JANUARY 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	826	340	5,195,000	41%	\$23,338.11	507	\$3,820.00
2	158	41	2,099,000	25%	\$15,817.46	42	\$335.00
3	307	0	0	0%	\$28,613.14	0	\$0.00
	1,291	381	7,294,000	29%	\$67,768.71	549	\$4,155.00

NH	121	80	986,000	66%	\$2,723.41	105	\$1,095.00
			6,308,000				

TCWA	CITY NO HEART	6,790,000	-6,308,000	482,000
		996,000	-986,000	10,000
		7,786,000	-7,294,000	492,000

492,000 BY 7,786,000	TOTAL	6% LOSS
10,000 BY 996,000	NH	1% LOSS
482,000 BY 6,790,000	CITY	7% LOSS

FEBRUARY 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	826	236	4,587,000	28%	\$21,302.10	426	\$3,205.00
2	158	37	1,863,000	23%	\$8,106.53	42	\$270.00
3	317	0	0	0%	\$29,115.29	0	\$0.00
	1,301	273	6,450,000	27%	\$58,523.92	468	\$3,475.00

NH	121	10	874,000	8%	\$2,689.81	41	\$690.00
			5,576,000				

TCWA CITY
 NO HEART

6,410,000
1,065,000
7,475,000

-5,576,000
-874,000
-6,450,000

834,000
191,000
1,025,000

1,025,000 BY 7,475,000	TOTAL	13% LOSS
191,000 BY 1,065,000	NH	17% LOSS
834,000 BY 6,475,000	CITY	13% LOSS

MARCH 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	223	5,105,000	27%	\$22,062.68	400	\$3,420.00
2	158	32	2,025,000	20%	\$5,110.02	35	\$195.00
3	323	0	0	0%	\$29,282.36	0	\$0.00
	1,304	255	7,130,000	25%	\$56,455.06	435	\$3,615.00

NH	121	74	956,000	61%	\$3,115.70	108	\$1,140.00
			8,086,000				

TCWA	CITY NO HEART	7,025,000	-7,130,000	-105,000
		974,000	-956,000	18,000
		7,999,000	-8,086,000	-87,000

87,000 BY 7,999,000	TOTAL	1% GAIN
18,000 BY 974,000	NH	18% LOSS
105,000 BY 7,025,000	CITY	1% GAIN

APRIL 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	292	5,058,000	35%	\$26,177.75	417	\$3,010.00
2	158	23	2,364,000	14%	\$5,777.52	22	\$110.00
3	312	0	0	0%	\$27,533.53	0	\$0.00
	1,293	315	7,422,000	32%	\$59,488.80	439	\$3,120.00

NH	121	62	877,000	51%	\$3,607.00	94	\$410.00
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6,545,000

TCWA CITY
 NO HEART

7,058,000
1,040,000
8,098,000

-6,545,000
-877,000
-7,422,000

513,000
163,000
676,000

676,000 BY 8,098,000	TOTAL	8% LOSS
163,000 BY 1,040,000	NH	1% LOSS
513,000 BY 7,058,000	CITY	7% LOSS

MAY 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	820	284	4,929,000	34%	\$27,795.61	480	\$3,700.00
2	158	36	2,132,000	22%	\$7,724.72	31	\$150.00
3	312	0	0	0%	\$26,947.05	0	\$0.00
	1,290	320	7,061,000	32%	\$62,467.38	511	\$3,850.00

NH	120	56	965,000	46%	\$3,752.00	105	\$790.00
			6,096,000				

TCWA	CITY	5,924,000	-6,096,000	-172,000
		1,020,000	-965,000	55,000
		6,944,000	-7,061,000	-117,000
NO HEART				

117,000 BY 6,944,000	TOTAL	1% GAIN
55,000 BY 1,020,000	NH	5% LOSS
172,000 BY 5,924,000	CITY	2% GAIN

JUNE 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	240	5,407,000	29%	\$27,181.22	412	\$3,752.00
2	158	37	2,095,000	23%	\$5,207.17	38	\$525.00
3	358	0	0	0%	\$33,123.59	0	\$0.00
	1,339	277	7,502,000	28%	\$65,511.98	450	\$4,277.00

NH	121	9	1,046,000	7%	\$4,211.20	45	\$695.00
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6,456,000

TCWA CITY
 NO HEART

7,125,000
1,196,000
8,321,000

-6,456,000
-1,046,000
-7,502,000

669,000
150,000
819,000

819,000 BY 8,321,000	TOTAL	9% LOSS
150,000 BY 1,196,000	NH	12% LOSS
669,000 BY 7,125,000	CITY	9% LOSS

JULY 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	825	280	5,212,000	33%	\$29,740.65	446	\$3,875.00
2	159	34	2,109,000	21%	\$6,200.22	30	\$210.00
3	336	0	0	0%	\$26,649.92	0	\$0.00
	1,320	314	7,321,000	31%	\$62,590.79	476	\$4,085.00

NH	120	58	1,023,000	48%	\$3,542.63	108	\$950.00
			6,298,000				

TCWA CITY
 NO HEART

7,384,000
1,235,000
8,619,000

-6,298,000
-1,023,000
-7,321,000

1,086,000
212,000
1,298,000

1,298,000 BY 8,619,000	TOTAL	15% LOSS
212,000 BY 1,235,000	NH	17% LOSS
1,086,000 BY 7,384,000	CITY	14% LOSS

AUGUST 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	287	5,636,000	34%	\$28,607.16	479	\$4,911.06
2	160	42	2,304,000	26%	\$6,496.22	34	\$356.37
3	363	0	0	0%	\$27,838.78	0	\$0.00
	1,346	329	7,940,000	33%	\$62,942.16	513	\$5,267.43

NH	120	57	968,000	47%	\$3,822.36	117	\$1,240.00
			6,972,000				

TCWA CITY
 NO HEART

7,330,000
1,106,000
8,436,000

-6,972,000
-968,000
-7,940,000

358,000
138,000
496,000

496,000 BY 8,426,000	TOTAL	5% LOSS
138,000 BY 1,106,000	NH	12% LOSS
358,000 BY 7,330,000	CITY	4% LOSS

SEPTEMBER 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	832	216	5,426,000	25%	\$23,246.65	420	\$4,940.00
2	160	30	2,457,000	18%	\$11,967.18	28	\$155.00
3	368	0	0	0%	\$27,676.20	0	\$0.00
	1,360	246	7,883,000	24%	\$62,890.03	448	\$5,095.00

NH	121	7	1,130,000	5%	\$3,646.25	48	\$950.00
			6,753,000				

TCWA CITY
 NO HEART

7,330,000
1,106,000
8,436,000

-6,753,000
-1,130,000
-7,883,000

577,000
-24,000
553,000

553,000 BY 8,436,000	TOTAL	6% LOSS
24,000 BY 1,106,000	NH	2% GAIN
577,000 BY 7,330,000	CITY	7% LOSS

OCTOBER 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	832	216	5,426,000	25%	\$23,246.65	420	\$4,940.00
2	160	30	2,457,000	18%	\$11,967.18	28	\$155.00
3	368	0	0	0%	\$27,676.20	0	\$0.00
	1,360	246	7,883,000	24%	\$62,890.03	448	\$5,095.00

NH	121	7	1,130,000	5%	\$3,646.25	48	\$950.00
			6,753,000				

TCWA CITY
 NO HEART

7,330,000
1,106,000
8,436,000

-6,753,000
-1,130,000
-7,883,000

577,000
-24,000
553,000

553,000 BY 8,436,000	TOTAL	6% LOSS
24,000 BY 1,106,000	NH	2% GAIN
577,000 BY 7,330,000	CITY	7% LOSS

NOVEMBER 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	826	308	4,766,000	37%	\$20,951.03	506	\$4,395.00
2	163	44	1,977,000	26%	\$16,443.82	42	\$245.22
3	386	0	0	0%	\$27,573.99	0	\$0.00
	1,375	352	6,743,000	35%	\$64,968.84	548	\$4,640.22

NH	121	60	902,000	49%	\$3,325.70	120	\$1,150.00
			5,841,000				

TCWA CITY
 NO HEART

6,807,000
1,136,000
7,943,000

-5,841,000
-902,000
-6,743,000

966,000
234,000
1,200,000

1,200,000 BY 7,943,000	TOTAL	15% LOSS
234,000 BY 1,136,000	NH	20% LOSS
966,000 BY 6,807,000	CITY	14% LOSS

DECEMBER 2005 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	826	308	4,766,000	37%	\$20,951.03	506	\$4,395.00
2	163	44	1,977,000	26%	\$16,443.82	42	\$245.22
3	386	0	0	0%	\$27,573.99	0	\$0.00
	1,375	352	6,743,000	35%	\$64,968.84	548	\$4,640.22

NH	121	60	902,000	49%	\$3,325.70	120	\$1,150.00
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5,841,000

TCWA CITY
 NO HEART

6,807,000
1,136,000
7,943,000

-5,841,000
-902,000
-6,743,000

966,000
234,000
1,200,000

1,200,000 BY 7,943,000	TOTAL	15% LOSS
234,000 BY 1,136,000	NH	20% LOSS
966,000 BY 6,807,000	CITY	14% LOSS

JANUARY 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	821	434	5,005,000	52%	\$16,180.18	498	\$4,935.08
2	162	41	1,994,000	25%	\$24,838.47	41	\$205.00
3	378	0	0	0%	\$26,274.98	0	\$0.00
	1,361	475	6,999,000	48%	\$67,293.63	539	\$5,140.08

NH	121	77	942,000	63%	\$2,323.80	113	\$1,240.00
			6,057,000				

TCWA CITY
 NO HEART

6,200,000
964,000
7,164,000

-6,999,000
-942,000
-7,941,000

-799,000
22,000
-777,000

777,000 BY 7,164,000	TOTAL	10% GAIN
22,000 BY 964,000	NH	2% LOSS
799,000 BY 6,200,000	CITY	1% GAIN

FEBRUARY 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	273	4,319,000	33%	\$17,443.61	488	\$3,116.10
2	162	61	2,007,000	37%	\$18,945.66	41	\$205.00
3	402	0	0	0%	\$26,413.23	0	\$0.00
	1,387	334	6,326,000	33%	\$62,802.50	529	\$3,321.10

NH	121	55	830,000	45%	\$3,160.20	101	\$630.00
			5,496,000				

TCWA CITY
 NO HEART

6,421,000
1,087,000
7,508,000

-5,496,000
-830,000
-6,326,000

925,000
257,000
1,182,000

1,182,000 BY 7,508,000	TOTAL	15% LOSS
257,000 BY 1,087,000	NH	23% LOSS
925,000 BY 6,421,000	CITY	14% LOSS

MARCH 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	824	289	4,293,000	35%	\$18,765.85	476	\$3,778.34
2	166	42	1,919,000	25%	\$14,489.83	38	\$482.22
3	407	0	0	0%	\$26,575.91	0	\$0.00
	1,397	331	6,212,000	33%	\$59,831.59	514	\$4,260.56

NH	121	48	818,000	39%	\$2,906.98	96	\$950.00
			5,394,000				

TCWA	CITY	5,844,000	-5,394,000	450,000
	NO HEART	915,000	-818,000	97,000
		6,759,000	-6,212,000	547,000

547,000 BY 6,759,000	TOTAL	8% LOSS
97,000 BY 915,000	NH	10% LOSS
450,000 BY 5,844,000	CITY	7% LOSS

APRIL 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	827	258	4,490,000	31%	\$18,495.86	465	\$3,693.90
2	164	37	1,967,000	22%	\$13,503.03	36	\$301.21
3	408	0	0	0%	\$26,703.67	0	\$0.00
	1,399	295	6,457,000	33%	\$58,702.56	501	\$3,995.11

NH	121	21	882,000	17%	\$3,055.74	66	\$950.00
			5,575,000				

TCWA	CITY NO HEART	6,439,000	-5,575,000	864,000
		923,000	-882,000	41,000
		7,362,000	-6,457,000	905,000

905,000 BY 7,362,000	TOTAL	12% LOSS
41,000 BY 923,000	NH	4% LOSS
864,000 BY 6,439,000	CITY	13% LOSS

JUNE 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	820	294	5,318,000	35%	\$18,600.94	473	\$4,352.22
2	168	60	2,513,000	35%	\$10,306.99	41	\$1,330.00
3	411	0	0	0%	\$26,703.67	0	\$0.00
	1,399	354	7,831,000	35%	\$55,611.60	514	\$5,682.22

NH	120	62	977,000	51%	\$3,427.39	107	\$1,060.00
			5,575,000				

TCWA CITY
NO HEART

7,915,000
1,173,000
9,088,000

-7,831,000
-977,000
-8,808,000

84,000
196,000
280,000

280,000 BY 9,088,000	TOTAL	3% LOSS
196,000 BY 1,173,000	NH	16% LOSS
84,000 BY 7,915,000	CITY	1% LOSS

JULY 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	820	294	5,318,000	35%	\$18,600.94	473	\$4,352.22
2	168	60	2,513,000	35%	\$10,306.99	41	\$1,330.00
3	411	0	0	0%	\$26,703.67	0	\$0.00
	1,399	354	7,831,000	35%	\$55,611.60	514	\$5,682.22

NH	120	62	977,000	51%	\$3,427.39	107	\$1,060.00
			5,575,000				

TCWA CITY
 NO HEART

7,915,000
1,173,000
9,088,000

-7,831,000
-977,000
-8,808,000

84,000
196,000
280,000

280,000 BY 9,088,000	TOTAL	3% LOSS
196,000 BY 1,173,000	NH	16% LOSS
84,000 BY 7,915,000	CITY	1% LOSS

AUGUST 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	825	312	5,593,000	37%	\$19,227.44	561	\$5,060.00
2	166	47	2,107,000	28%	\$17,752.16	48	\$185.00
3	426	0	0	0%	\$26,683.35	0	\$0.00
	1,417	359	7,700,000	31%	\$63,662.95	609	\$5,245.00

NH	119	26	1,092,000	21%	\$3,118.72	69	\$1,180.00
			6,608,000				

TCWA CITY
 NO HEART

7,423,000
1,118,000
8,541,000

-6,608,000
-1,092,000
-7,700,000

815,000
26,000
841,000

841,000 BY 8,541,000	TOTAL	9% LOSS
26,000 BY 1,118,000	NH	2% LOSS
841,000 BY 8,541,000	CITY	9% LOSS

SEPTEMBER 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	825	312	5,593,000	37%	\$19,227.44	561	\$5,060.00
2	166	47	2,107,000	28%	\$17,752.16	48	\$185.00
3	426	0	0	0%	\$26,683.35	0	\$0.00
	1,417	359	7,700,000	31%	\$63,662.95	609	\$5,245.00

NH	119	26	1,092,000	21%	\$3,118.72	69	\$1,180.00
			6,608,000				

TCWA CITY
 NO HEART

7,423,000
1,118,000
8,541,000

-6,608,000
-1,092,000
-7,700,000

815,000
26,000
841,000

841,000 BY 8,541,000	TOTAL	9% LOSS
26,000 BY 1,118,000	NH	2% LOSS
841,000 BY 8,541,000	CITY	9% LOSS

NOVEMBER 2006 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	820	368	4,669,000	44%	\$25,508.41	553	\$3,570.00
2	171	56	1,875,000	32%	\$34,123.44	49	\$199.93
3	446	0	0	0%	\$26,617.17	0	\$0.00
	1,437	424	6,544,000	42%	\$86,249.02	602	\$3,769.93

NH	119	62	871,000	52%	\$4,482.00	114	\$880.00
			5,673,000				

TCWA	CITY NO HEART	6,401,000	-5,673,000	728,000
		1,022,000	-871,000	151,000
		7,423,000	-6,544,000	879,000

879,000 BY 7,423,000	TOTAL	11% LOSS
151,000 BY 1,022,000	NH	14% LOSS
728,000 BY 6,401,000	CITY	11% LOSS

2006 CONSUMPTION ANALYSIS

MONTH	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	6,200,000	964,000	7,164,000	6,057,000	942,000	6,999,000
FEBRUARY	6,421,000	1,087,000	7,508,000	5,496,000	830,000	6,326,000
MARCH	5,844,000	915,000	6,759,000	5,394,000	818,000	6,212,000
APRIL	6,439,000	923,000	7,362,000	5,575,000	882,000	6,457,000
MAY	6,580,000	992,000	7,572,000	5,894,000	912,000	6,806,000
JUNE	7,915,000	1,173,000	9,088,000	6,854,000	977,000	7,831,000
JULY	7,434,000	1,201,000	8,635,000	6,408,000	920,000	7,328,000
AUGUST	7,423,000	1,118,000	8,541,000	6,608,000	1,092,000	7,700,000
SEPTEMBER	6,170,000	927,000	7,097,000	6,718,000	1,092,000	7,810,000
OCTOBER	6,085,000	937,000	7,022,000	5,700,000	872,000	6,572,000
NOVEMBER	6,401,000	1,022,000	7,423,000	5,673,000	871,000	6,544,000
DECEMBER	5,527,000	847,000	6,374,000	5,426,000	726,000	6,152,000
TOTALS	78,439,000	12,106,000	90,545,000	71,803,000	10,934,000	82,737,000

CITY GALLONS SOLD	-71,803,000
TCWA GALLONS PURCHASED	78,439,000
	6,636,000

9% LOSS

CITY	CYCLE 1	CYCLE 2	CYCLE 3	NH GALLONS SOLD	
JANUARY	5,005,000	1,994,000	0	TCWA GALLONS PURCHASED	-10,934,000
FEBRUARY	4,319,000	2,007,000	0		12,106,000
MARCH	4,293,000	1,919,000	0		1,172,000
APRIL	4,490,000	1,967,000	0		
MAY	4,878,000	1,928,000	0		10% LOSS
JUNE	5,318,000	2,513,000	0		
JULY	5,302,000	2,026,000	0		
AUGUST	5,593,000	2,107,000	0		
SEPTEMBER	5,757,000	2,053,000	0		
OCTOBER	4,668,000	1,904,000	0		
NOVEMBER	4,669,000	1,875,000	0		
DECEMBER	4,234,000	1,918,000	0		
TOTAL	58,526,000	24,211,000	0		82,737,000

JANUARY 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	816	334	4,882,000	41%	\$21,550.69	431	\$2,990.00
2	166	73	1,806,000	44%	\$36,345.49	12	\$355.00
3	450	0	0	0%	\$26,516.83	0	\$0.00
	1,432	407	6,688,000	41%	\$84,413.01	443	\$3,345.00

NH	118	81	862,000	69%	\$2,535.80	91	\$800.00
			5,826,000				

TCWA	CITY NO HEART	6,418,000	-5,826,000	592,000
		1,015,000	-862,000	153,000
		7,433,000	-6,688,000	745,000

745,000	BY	7,433,000	TOTAL	10.02% LOSS
153,000	BY	1,015,000	NH	15.07% LOSS
592,000	BY	6,418,000	CITY	9.22% LOSS

FEBRUARY 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	829	357	4,746,000	43%	\$24,888.25	431	\$2,610.00
2	165	69	2,244,000	42%	\$23,425.22	0	\$0.00
3	462	0	0	0%	\$26,957.00	0	\$0.00
	1,456	426	6,990,000	42%	\$75,270.47	431	\$2,610.00

NH	120	70	934,000	58%	\$2,346.80	76	\$615.00
			6,056,000				

TCWA	CITY	5,930,000	-6,056,000	-126,000
	NO HEART	835,000	-934,000	-99,000
		6,765,000	-6,990,000	-225,000

225,000	BY	6,765,000	TOTAL	3.33% GAIN
99,000	BY	835,000	NH	11.86% GAIN
126,000	BY	5,930,000	CITY	2.12% GAIN

MARCH 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	813	363	4,573,000	45%	\$19,948.55	492	\$3,300.00
2	163	66	1,779,000	40%	\$27,124.81	19	\$70.00
3	471	0	0	0%	\$27,616.70	0	\$0.00
	1,447	429	6,352,000	43%	\$74,690.06	511	\$3,370.00

NH	119	58	812,000	49%	\$2,730.75	91	\$700.00
			5,540,000				

TCWA	CITY	5,491,000	-5,540,000	-49,000
		850,000	-812,000	38,000
		6,341,000	-6,352,000	-11,000
	NO HEART			

11,000	BY	6,341,000	TOTAL	0.17% GAIN
38,000	BY	850,000	NH	4.47% LOSS
49,000	BY	5,491,000	CITY	0.89% GAIN

APRIL 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	811	328	4,637,000	40%	\$14,873.11	502	\$4,168.79
2	165	60	2,092,000	36%	\$15,861.60	133	\$2,875.00
3	470	0	0	0%	\$26,918.91	0	\$0.00
	1,446	388	6,729,000	39%	\$57,653.62	635	\$7,043.79

NH	120	54	779,000	45%	\$2,336.22	101	\$890.00
			5,950,000				

TCWA	CITY	5,855,000	-5,950,000	-95,000
	NO HEART	914,000	-779,000	135,000
		6,769,000	-6,729,000	40,000

40,000	BY	6,769,000	TOTAL	0.59% LOSS
135,000	BY	914,000	NH	14.77% LOSS
95,000	BY	5,855,000	CITY	1.62% GAIN

MAY 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	818	259	4,800,000	32%	\$19,751.80	547	\$5,697.67
2	165	53	2,224,000	32%	\$24,205.23	34	\$230.00
3	475	0	0	0%	\$26,363.64	0	\$0.00
	1,458	312	7,024,000	32%	\$70,320.67	581	\$5,927.67

NH	121	45	789,000	37%	\$3,386.77	117	\$1,065.00
			6,235,000				

TCWA	CITY	5,832,000	-6,235,000	-403,000
	NO HEART	905,000	-789,000	116,000
		6,737,000	-7,024,000	-287,000

287,000	BY	6,737,000	TOTAL	4.26% GAIN
116,000	BY	905,000	NH	12.82% LOSS
403,000	BY	5,832,000	CITY	6.91% GAIN

JUNE 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	818	217	4,922,000	27%	\$17,152.35	478	\$5,281.00
2	163	36	1,788,000	22%	\$14,734.76	91	\$1,620.00
3	478	0	0	0%	\$26,636.17	0	\$0.00
	1,459	253	6,710,000	25%	\$58,523.28	569	\$6,901.00

NH	120	15	1,058,000	13%	\$2,322.90	78	\$1,220.00
			5,652,000				

TCWA CITY
 NO HEART

6,651,000
1,133,000
7,784,000

-5,652,000
-1,058,000
-6,710,000

999,000
75,000
1,074,000

1,074,000 BY 7,784,000	TOTAL	13% LOSS
75,000 BY 1,133,000	NH	6% LOSS
999,000 BY 6,651,000	CITY	15% LOSS

JULY 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	819	293	5,309,000	36%	\$21,575.31	506	\$5,800.00
2	164	41	2,153,000	25%	\$16,615.41	73	\$885.00
3	488	0	0	0%	\$35,721.02	0	\$0.00
	1,471	334	7,462,000	33%	\$73,911.74	579	\$6,685.00

NH	121	43	1,040,000	36%	\$3,631.94	95	\$1,535.00
			6,422,000				

TCWA	CITY	7,523,000	-6,422,000	1,101,000
		1,225,000	-1,040,000	185,000
		8,748,000	-7,462,000	1,286,000
NO HEART				

1,286,000 BY 8,748,000	TOTAL	14% LOSS
185,000 BY 1,225,000	NH	15% LOSS
1,101,000 BY 7,523,000	CITY	14% LOSS

AUGUST 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	821	307	5,065,000	37%	\$19,617.60	470	\$4,850.00
2	165	41	1,952,000	25%	\$14,881.20	42	\$310.00
3	469	0	0	0%	\$33,343.01	0	\$0.00
	1,455	348	7,017,000	35%	\$67,841.81	512	\$5,160.00

NH	120	52	872,000	43%	\$3,169.82	77	\$835.00
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6,145,000

TCWA CITY
 NO HEART

6,631,000
1,091,000
7,722,000

-6,145,000
-872,000
-7,017,000

486,000
219,000
705,000

705,000 BY 7,722,000	TOTAL	9% LOSS
219,000 BY 1,091,000	NH	20% LOSS
486,000 BY 6,631,000	CITY	7% LOSS

SEPTEMBER 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	817	246	5,058,000	30%	\$17,036.64	491	\$5,445.17
2	164	38	1,803,000	23%	\$14,284.85	45	\$440.00
3	484	0	0	0%	\$35,224.13	0	\$0.00
	1,465	284	6,861,000	28%	\$66,545.62	536	\$5,885.17

NH	120	45	817,000	38%	\$3,202.15	96	\$1,030.00
			6,044,000				

TCWA	CITY NO HEART	6,014,000	-6,044,000	-30,000
		979,000	-817,000	162,000
		6,993,000	-6,861,000	132,000

132,000 BY 6,993,000	TOTAL	1% LOSS
162,000 BY 979,000	NH	16% LOSS
30,000 BY 6,014,000	CITY	0% LOSS/GAIN

OCTOBER 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	825	118	5,909,000	14%	\$20,086.98	521	\$5,920.00
2	157	26	2,188,000	17%	\$18,787.61	26	\$325.25
3	474	0	0	0%	\$25,693.11	0	\$0.00
	1,456	144	8,097,000	14%	\$64,567.70	547	\$6,245.25

NH	120	10	1,164,000	8%	\$3,579.33	97	\$740.00
			6,933,000				

TCWA	CITY	6,526,000	-6,933,000	-407,000
	NO HEART	1,041,000	-1,164,000	-123,000
		7,567,000	-8,097,000	-530,000

530,000 BY 7,567,000	TOTAL	7% GAIN
123,000 BY 1,041,000	NH	11% GAIN
407,000 BY 6,526,000	CITY	6% GAIN

NOVEMBER 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	820	102	5,069,000	12%	\$24,731.97	525	\$5,515.00
2	158	41	2,406,000	25%	\$24,919.56	68	\$920.00
3	270	0	0	0%	\$32,294.65	0	\$0.00
	1,248	143	7,475,000	35%	\$81,946.18	593	\$6,435.00

NH	120	15	910,000	12%	\$4,476.29	112	\$1,315.00
			6,565,000				

TCWA	CITY	5,336,000	-6,565,000	-1,229,000
	NO HEART	852,000	-910,000	-58,000
		6,188,000	-7,475,000	-1,287,000

1,287,000 BY 6,188,000	TOTAL	20% GAIN
58,000 BY 852,000	NH	6% GAIN
1,229,000 BY 5,336,000	CITY	23% GAIN

DECEMBER 2007 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	823	68	5,190,000	37%	\$23,513.27	522	\$5,680.44
2	155	42	2,250,000	27%	\$30,170.37	170	\$1,865.21
3	273	0	0	0%	\$31,748.45	0	\$0.00
	1,251	110	7,440,000	35%	\$85,432.09	692	\$7,545.65

NH	121	60	902,000	49%	\$3,325.70	120	\$1,150.00
			5,841,000				

TCWA CITY
 NO HEART

5,761,000
876,000
6,637,000

-5,841,000
-902,000
-6,743,000

-80,000
-26,000
-106,000

106,000 BY 6,637,000	TOTAL	1% GAIN
26,000 BY 876,000	NH	2% GAIN
80,000 BY 5,761,000	CITY	1% GAIN

2007 CONSUMPTION ANALYSIS

MONTH	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	6,418,000	1,015,000	7,433,000	5,826,000	862,000	6,688,000
FEBRUARY	5,930,000	835,000	6,765,000	6,056,000	934,000	6,990,000
MARCH	5,491,000	850,000	6,341,000	5,540,000	812,000	6,352,000
APRIL	5,855,000	914,000	6,769,000	5,950,000	779,000	6,729,000
MAY	5,832,000	905,000	6,737,000	6,235,000	789,000	7,024,000
JUNE	6,651,000	1,133,000	7,784,000	5,652,000	1,058,000	6,710,000
JULY	7,523,000	1,225,000	8,748,000	6,422,000	1,040,000	7,462,000
AUGUST	6,631,000	1,091,000	7,722,000	6,145,000	872,000	7,017,000
SEPTEMBER	6,014,000	979,000	6,993,000	6,044,000	817,000	6,861,000
OCTOBER	6,526,000	1,041,000	7,567,000	6,933,000	1,164,000	8,097,000
NOVEMBER	5,336,000	852,000	6,188,000	6,565,000	910,000	7,475,000
DECEMBER	5,761,000	876,000	6,637,000	5,841,000	902,000	6,743,000
TOTALS	73,968,000	11,716,000	85,684,000	73,209,000	10,939,000	84,148,000

CITY GALLONS SOLD	-73,209,000
TCWA GALLONS PURCHASED	73,968,000
	759,000

1% LOSS

CITY	CYCLE 1	CYCLE 2	CYCLE 3	NH GALLONS SOLD	
JANUARY	4,882,000	1,806,000	0	0	-10,939,000
FEBRUARY	4,746,000	2,244,000	0	0	TCWA GALLONS PURCHASED
MARCH	4,573,000	1,779,000	0	0	11,716,000
APRIL	4,637,000	2,092,000	0	0	777,000
MAY	4,800,000	2,224,000	0	0	6% LOSS
JUNE	4,922,000	1,788,000	0	0	
JULY	5,309,000	2,153,000	0	0	
AUGUST	5,065,000	1,952,000	0	0	
SEPTEMBER	5,058,000	1,803,000	0	0	
OCTOBER	5,909,000	2,188,000	0	0	
NOVEMBER	5,069,000	2,406,000	0	0	
DECEMBER	5,190,000	2,250,000	0	0	
TOTAL	60,160,000	24,685,000	0	84,845,000	

JANUARY 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	804	55	4,805,000	6%	\$13,154.58	459	\$5,040.00
2	161	17	1,580,000	10%	\$12,930.50	87	\$1,555.00
3	262	0	0	0%	\$31,074.64	0	\$0.00
	1,227	72	6,385,000	7%	\$57,159.72	546	\$6,595.00

NH	104	4	661,000	3%	\$1,843.05	82	\$985.00
			5,724,000				

TCWA	CITY	6,005,000	-5,724,000	281,000
	NO HEART	1,006,000	-661,000	345,000
		7,011,000	-6,385,000	626,000

626,000	BY	7,011,000	TOTAL	8.93% LOSS
345,000	BY	1,006,000	NH	34.29% LOSS
281,000	BY	6,005,000	CITY	4.68% LOSS

FEBRUARY 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	801	69	4,679,000	8%	\$22,918.07	374	\$2,110.00
2	155	22	1,906,000	14%	\$17,961.65	33	\$185.00
3	247	0	0	0%	\$31,333.40	0	\$0.00
	1,203	91	6,585,000	9%	\$72,213.12	407	\$2,295.00

NH	119	37	1,211,000	31%	\$3,490.37	51	\$585.00
			5,374,000				

TCWA	CITY NO HEART	5,168,000	-5,374,000	-206,000
		893,000	-1,211,000	-318,000
		6,061,000	-6,585,000	-524,000

524,000	BY	6,061,000	TOTAL	8.65% GAIN
318,000	BY	893,000	NH	35.61% GAIN
206,000	BY	5,168,000	CITY	3.99% GAIN

MARCH 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	788	82	4,716,000	10%	\$14,948.11	377	\$3,105.00
2	142	14	1,443,000	9%	\$19,958.99	55	\$575.00
3	251	0	0	0%	\$31,133.69	0	\$0.00
	1,181	96	6,159,000	10%	\$66,040.79	432	\$3,680.00

NH	117	9	811,000	7%	\$1,950.35	59	\$745.00
			5,348,000				

TCWA	CITY	5,274,000	-5,348,000	-74,000
	NO HEART	798,000	-811,000	-13,000
		6,072,000	-6,159,000	-87,000

87,000	BY	6,072,000	TOTAL	1.43% GAIN
13,000	BY	798,000	NH	1.63% GAIN
74,000	BY	5,274,000	CITY	1.40% GAIN

APRIL 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	794	86	4,728,000	10%	\$16,651.82	413	\$3,720.00
2	136	15	1,148,000	11%	\$4,820.75	28	\$290.00
3	231	0	0	0%	\$27,622.63	0	\$0.00
	1,161	101	5,876,000	10%	\$49,095.20	441	\$4,010.00

NH	118	17	882,000	14%	\$2,760.31	96	\$955.00
			4,994,000				

TCWA	CITY NO HEART	5,824,000	-4,994,000	830,000
		917,000	-882,000	35,000
		6,741,000	-5,876,000	865,000

865,000	BY	6,741,000	TOTAL	12.83% LOSS
35,000	BY	917,000	NH	3.82% LOSS
83,000	BY	5,824,000	CITY	1.43% LOSS

MAY 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	309	7,438,000	38%	\$13,922.10	407	\$4,380.38
2	143	71	1,768,000	49%	\$4,824.40	41	\$865.00
3	225	0	0	0%	\$26,751.39	0	\$0.00
	1,166	380	9,206,000	40%	\$45,497.89	448	\$5,245.38

NH	117	33	1,024,000	28%	\$2,600.07	77	\$905.00
			8,182,000				

TCWA	CITY	6,022,000	-8,182,000	-2,160,000
	NO HEART	976,000	-1,024,000	-48,000
		6,998,000	-9,206,000	-2,208,000

2,208,000	BY	6,998,000	TOTAL	31.55% GAIN
48,000	BY	976,000	NH	4.92% GAIN
2,160,000	BY	6,022,000	CITY	35.87% GAIN

JUNE 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	796	72	4,987,000	9%	\$15,741.99	376	\$3,806.12
2	142	24	1,452,000	19%	\$3,152.85	27	\$277.95
3	27	2	255,000	7%	\$11,485.59	0	\$0.00
4	231	0	0	0%	\$26,658.84	0	\$0.00
	1,196	98	6,694,000	10%	\$57,039.27	403	\$4,084.07

NH	118	7	941,000	5%	\$2,056.07	79	\$930.00
			5,753,000				

TCWA CITY
 NO HEART

5,963,000
894,000
6,857,000

-5,753,000
-941,000
-6,694,000

210,000
-47,000
163,000

163,000	BY	6,857,000	TOTAL	2.38% LOSS
47,000	BY	894,000	NH	5.26% GAIN
210,000	BY	5,963,000	CITY	3.52% LOSS

JULY 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	795	81	5,418,000	10%	\$14,974.12	406	\$4,168.52
2	150	25	1,246,000	16%	\$7,503.96	46	\$300.00
3	28	0	383,000	0%	\$16,663.67	13	\$0.00
4	242	0	0	0%	\$26,416.37	0	\$0.00
	1,215	106	7,047,000	10%	\$65,558.12	465	\$4,468.52

NH	116	11	980,000	9%	\$2,248.22	69	\$780.00
			6,067,000				

TCWA	CITY	5,700,000	-6,067,000	-367,000
	NO HEART	928,000	-980,000	-52,000
		6,628,000	-7,047,000	-419,000

419,000	BY	6,628,000	TOTAL	6.32% GAIN
52,000	BY	928,000	NH	5.60% GAIN
367,000	BY	5,700,000	CITY	6.44% GAIN

AUGUST 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	48	5,016,000	6%	\$20,203.46	403	\$4,175.00
2	151	24	1,588,000	15%	\$4,277.75	80	\$1,390.00
3	30	0	356,000	0%	\$18,555.95	0	\$0.00
4	243	0	0	0%	\$25,786.29	0	\$0.00
	1,222	72	6,960,000	7%	\$68,823.45	483	\$5,565.00

NH	116	6	806,000	5%	\$2,850.47	82	\$915.00
			6,154,000				

TCWA	CITY NO HEART	6,014,000	-6,154,000	-140,000
		983,000	-806,000	177,000
		6,997,000	-6,960,000	37,000

37,000	BY	6,997,000	TOTAL	0.53% LOSS
177,000	BY	983,000	NH	18.01% LOSS
140,000	BY	6,014,000	CITY	2.33% GAIN

SEPTEMBER 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	800	240	5,424,000	30%	\$16,004.42	387	\$5,364.70
2	151	52	1,644,000	34%	\$7,008.05	27	\$260.00
3	31	9	510,000	29%	\$21,679.52	0	\$0.00
4	252	0	0	0%	\$26,319.49	0	\$0.00
	1,234	301	7,578,000	30%	\$71,011.48	414	\$5,624.70

NH	117	16	1,096,000	13%	\$1,891.83	56	\$915.00
			6,482,000				

TCWA	CITY	6,521,000	-6,482,000	39,000
	NO HEART	1,020,000	-1,096,000	-76,000
		7,541,000	-7,578,000	-37,000

37,000	BY	7,541,000	TOTAL	0.49% GAIN
76,000	BY	1,020,000	NH	7.45% GAIN
39,000	BY	6,521,000	CITY	0.60% LOSS

OCTOBER 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	801	103	5,091,000	12%	\$12,503.23	403	\$4,929.06
2	153	59	1,700,000	38%	\$10,782.71	44	\$1,419.44
3	32	4	267,000	12%	\$22,805.77	5	\$5.00
4	269	0	0	0%	\$26,060.42	0	\$0.00
	1,255	166	7,058,000	16%	\$72,152.13	452	\$6,353.50

NH	117	21	903,000	17%	\$1,892.58	82	\$870.00
			6,155,000				

TCWA	CITY	5,676,000	-6,155,000	-479,000
	NO HEART	890,000	-903,000	-13,000
		6,566,000	-7,058,000	-492,000

492,000	BY	6,566,000	TOTAL	7.49% GAIN
13,000	BY	890,000	NH	1.46% GAIN
479,000	BY	5,676,000	CITY	8.44% GAIN

NOVEMBER 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	801	298	5,020,000	37%	\$13,464.89	372	\$3,272.67
2	153	34	1,790,000	22%	\$9,853.89	51	\$195.00
3	34	14	517,000	41%	\$22,494.29	5	\$45.00
4	275	0	0	0%	\$25,650.34	0	\$0.00
	1,263	346	7,327,000	10%	\$71,463.41	428	\$3,512.67

NH	117	42	1,501,000	35%	\$2,163.58	60	\$500.00
			5,826,000				

TCWA	CITY	6,658,000	-5,826,000	832,000
	NO HEART	1,014,000	-1,501,000	-487,000
		7,672,000	-7,327,000	345,000

345,000	BY	7,672,000	TOTAL	4.50% LOSS
487,000	BY	1,014,000	NH	48.03% GAIN
832,000	BY	6,658,000	CITY	12.50% LOSS

DECEMER 2008 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	798	53	4,591,000	6%	\$11,987.34	403	\$4,702.50
2	155	38	2,116,000	24%	\$7,143.99	68	\$910.00
3	35	0	199,000	0%	\$25,814.14	0	\$0.00
4	296	0	0	0%	\$34,337.52	0	\$0.00
	1,284	91	6,906,000	10%	\$79,282.99	471	\$5,612.50

NH	117	9	766,000	7%	\$2,347.67	76	\$1,035.00
			6,140,000				

TCWA	CITY	4,491,000	-6,140,000	-1,649,000
	NO HEART	649,000	-766,000	-117,000
		5,140,000	-6,906,000	-1,766,000

1,649,000	BY	5,140,000	TOTAL	32.08% GAIN
117,000	BY	649,000	NH	18.03% GAIN
1,766,000	BY	4,491,000	CITY	39.32% GAIN

2008 CONSUMPTION ANALYSIS

MONTH	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	6,005,000	1,006,000	7,011,000	5,724,000	661,000	6,385,000
FEBRUARY	5,168,000	893,000	6,061,000	5,374,000	1,211,000	6,585,000
MARCH	5,274,000	798,000	6,072,000	5,348,000	811,000	6,159,000
APRIL	5,824,000	917,000	6,741,000	4,994,000	882,000	5,876,000
MAY	6,022,000	976,000	6,998,000	8,182,000	1,024,000	9,206,000
JUNE	5,963,000	894,000	6,857,000	5,753,000	941,000	6,694,000
JULY	5,700,000	928,000	6,628,000	6,067,000	980,000	7,047,000
AUGUST	6,014,000	983,000	6,997,000	6,154,000	806,000	6,960,000
SEPTEMBER	6,521,000	1,020,000	7,541,000	6,482,000	1,096,000	7,578,000
OCTOBER	5,676,000	890,000	6,566,000	6,155,000	903,000	7,058,000
NOVEMBER	6,658,000	1,014,000	7,672,000	5,826,000	1,501,000	7,327,000
DECEMBER	4,491,000	649,000	5,140,000	6,140,000	766,000	6,906,000

TOTALS	69,316,000	10,968,000	80,284,000	72,199,000	11,582,000	83,781,000
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CITY GALLONS SOLD	-72,199,000		2,883,000
TCWA GALLONS PURCHASED	69,316,000		69,316,000
	-2,883,000		4% GAIN

NH GALLONS SOLD	-11,582,000		614,000
TCWA GALLONS PURCHASED	10,968,000		10,968,000
	-614,000		5% GAIN

TOTAL CITY GALLONS SOLD	-83,781,000		3,497,000
TOTAL TCWA GALLONS PURCHASED	80,284,000		80,284,000
	-3,497,000		4% GAIN

CITY	CYCLE 1	CYCLE 2	CYCLE 3	CYCLE 4
JANUARY	4,805,000	1,580,000	0	0
FEBRUARY	4,679,000	1,906,000	0	0
MARCH	4,716,000	1,443,000	0	0
APRIL	4,728,000	1,148,000	0	0
MAY	7,438,000	1,768,000	0	0
JUNE	4,987,000	1,452,000	255,000	0
JULY	5,418,000	1,246,000	383,000	0
AUGUST	5,016,000	1,588,000	356,000	0
SEPTEMBER	5,424,000	1,644,000	510,000	0
OCTOBER	5,091,000	1,700,000	267,000	0
NOVEMBER	5,020,000	1,790,000	517,000	0
DECEMBER	4,591,000	2,116,000	199,000	0
TOTAL	61,913,000	19,381,000	2,487,000	0

83,781,000

2010 CONSUMPTION ANALYSIS

MONTH	TCWA- PURCHASED			CITY- SOLD		
	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS	CITY GALLONS	NO-HEART GALLONS	TOTAL GALLONS
JANUARY	5,222,000	830,000	6,052,000	6,346,000	875,000	7,221,000
FEBRUARY	5,950,000	857,000	6,807,000	5,586,000	703,000	6,289,000
MARCH	5,950,000	857,000	6,807,000	5,104,000	864,000	5,968,000
APRIL	5,752,000	1,018,000	6,770,000	5,529,000	744,000	6,273,000
MAY	6,332,000	930,000	7,262,000	5,967,000	923,000	6,890,000
JUNE	6,228,000	1,021,000	7,249,000	6,107,000	929,000	7,036,000
JULY	5,928,000	1,006,000	6,934,000	5,928,000	1,006,000	6,934,000
AUGUST	6,792,000	1,024,000	7,816,000	6,597,000	1,115,000	7,712,000
SEPTEMBER	7,074,000	1,054,000	8,128,000	6,868,000	787,000	7,655,000
OCTOBER	6,197,000	859,000	7,056,000	7,321,000	976,000	8,297,000
NOVEMBER	6,147,000	92,000	6,239,000	7,533,000	892,000	8,425,000
DECEMBER	5,318,000	763,000	6,081,000	8,310,000	1,068,000	9,378,000

TOTALS	72,890,000	10,311,000	83,201,000	77,196,000	10,882,000	88,078,000
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CITY GALLONS SOLD	-77,196,000		4,306,000
TCWA GALLONS PURCHASED	72,890,000		72,890,000
	-4,306,000		6% GAIN
NH GALLONS SOLD	-10,882,000		571,000
TCWA GALLONS PURCHASED	10,311,000		10,311,000
	-571,000		6% GAIN
TOTAL CITY GALLONS SOLD	-88,078,000		4,877,000
TOTAL TCWA GALLONS PURCHASED	83,201,000		83,201,000
	-4,877,000		6% GAIN

CITY	CYCLE 1	CYCLE 2	CYCLE 3	TOTAL
JANUARY	5,601,000	1,292,000	328,000	6,052,000
FEBRUARY	4,263,000	1,398,000	628,000	6,289,000
MARCH	4,408,000	1,275,000	285,000	5,968,000
APRIL	4,701,000	1,268,000	304,000	6,273,000
MAY	4,832,000	1,356,000	702,000	6,890,000
JUNE	4,778,000	1,629,000	629,000	7,036,000
JULY	5,204,000	2,083,000	425,000	7,712,000
AUGUST	5,204,000	2,083,000	425,000	7,712,000
SEPTEMBER	5,434,000	1,956,000	265,000	7,655,000
OCTOBER	5,636,000	2,199,000	462,000	8,297,000
NOVEMBER	5,711,000	2,169,000	545,000	8,425,000
DECEMBER	6,622,000	2,256,000	500,000	9,378,000
TOTAL	62,394,000	20,964,000	5,498,000	87,687,000

JANUARY 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	816	87	5,601,000	11%	\$11,483.00	569	\$6,763.81
2	135	22	1,292,000	16%	-\$2,708.61	39	\$430.00
3	26	0	328,000	0%	\$8,985.19	14	\$285.00
	977	0	7,221,000	0%	\$17,759.58	622	\$7,478.81

NH	121	7	875,000	6%	\$440.74	118	\$1,795.79
			6,346,000				

TCWA	CITY	5,222,000	-6,346,000	-1,124,000
	NO HEART	830,000	-875,000	-45,000
		6,052,000	-7,221,000	-1,169,000

-1,124,000	BY	6,052,000	TOTAL	-18.57% GAIN
-45,000	BY	830,000	NH	-5.42% GAIN
-1,169,000	BY	5,222,000	CITY	-22.39% GAIN

✓
 No report found.
 Raw. AFO completed
 Christine. LW.

FEBRUARY 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	817	50	4,263,000	6%	\$24,397.20	629	\$5,470.00
2	138	15	1,398,000	11%	\$4,593.69	93	\$1,590.00
3	33	2	628,000	6%	\$2,700.01	8	\$162.85
	988	67	6,289,000	7%	\$31,690.90	730	\$7,222.85
NH	118	3	703,000	3%	\$0.00	0	\$0.00
			5,586,000				

TCWA CITY
 NO HEART

5,950,000
857,000
6,807,000

-5,586,000
-703,000
-6,289,000

364,000
154,000
518,000

518,000	BY	6,807,000	TOTAL	7.61% LOSS
154,000	BY	857,000	NH	17.97% LOSS
364,000	BY	5,950,000	CITY	6.12% LOSS



MARCH 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	816	44	4,408,000	5%	\$13,889.44	450	\$5,240.00
2	137	16	1,275,000	12%	\$230.53	65	\$1,295.00
3	29	1	285,000	3%	-\$1,313.79	6	\$150.00
	982	61	5,968,000	6%	\$12,806.18	521	\$6,685.00

NH	120	3	864,000	3%	\$2,010.40	99	\$1,275.00
			5,104,000				

TCWA CITY
 NO HEART

5,950,000
857,000
6,807,000

-5,104,000
-864,000
-5,968,000

846,000
-7,000
839,000

839,000	BY	6,807,000	TOTAL	12.33% LOSS
-7,000	BY	857,000	NH	0.82% GAIN
846,000	BY	5,950,000	CITY	14.22% LOSS



APRIL 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	819	43	4,701,000	5%	\$15,421.47	398	\$4,581.19
2	134	19	1,268,000	14%	-\$301.35	38	\$605.00
3	26	6	304,000	23%	-\$1,323.65	7	\$350.00
	979	68	6,273,000	7%	\$13,796.47	443	\$5,536.19
<hr/>							
NH	120	4	744,000	3%	\$3,227.67	68	\$810.00
			5,529,000				

TCWA	CITY	5,752,000	-5,529,000	223,000
	NO HEART	1,018,000	-744,000	274,000
		6,770,000	-6,273,000	497,000

497,000	BY	6,770,000	TOTAL	7.34% LOSS
274,000	BY	1,018,000	NH	26.92% LOSS
223,000	BY	5,752,000	CITY	3.88% LOSS



MAY 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	817	59	4,832,000	7%	\$10,876.93	474	\$4,795.00
2	138	25	1,356,000	18%	-\$1,528.30	51	\$805.00
3	24	4	702,000	17%	-\$1,301.99	5	\$125.00
	979	88	6,890,000	9%	\$8,046.64	530	\$5,725.00
NH	103	8	923,000	8%	\$1,169.92	100	\$1,240.00
			5,967,000				

TCWA	CITY	6,332,000	-5,967,000	365,000
	NO HEART	930,000	-923,000	7,000
		7,262,000	-6,890,000	372,000

372,000	BY	7,262,000	TOTAL	5.12% LOSS
7,000	BY	930,000	NH	0.75% LOSS
365,000	BY	6,332,000	CITY	5.76% LOSS



JUNE 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	822	48	4,778,000	6%	\$15,026.21	475	\$5,900.00
2	139	23	1,629,000	17%	-\$890.74	35	\$430.00
3	24	6	629,000	25%	\$592.70	5	\$125.00
	985	77	7,036,000	8%	\$14,728.17	515	\$6,455.00

NH	119	3	929,000	3%	\$3,202.72	104	\$1,420.00
			6,107,000				

TCWA	CITY	6,228,000	-6,107,000	121,000
	NO HEART	1,021,000	-929,000	92,000
		7,249,000	-7,036,000	213,000

213,000	BY	7,249,000	TOTAL	2.94% LOSS
92,000	BY	1,021,000	NH	9.01% LOSS
121,000	BY	6,228,000	CITY	1.94% LOSS



JULY 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC		
1	826	349	10,298,000	42%	\$19,170.25	554	\$6,785.00		
2	139	43	2,558,000	31%	\$2,653.93	48	\$715.00		
3	26	7	550,000	27%	\$2,810.79	7	\$135.00		
	991	399	13,406,000	40%	\$24,634.97	609	\$7,635.00		
NH			121	51	1,635,000	42%	\$4,630.52	106	\$1,375.00
					11,771,000				

TCWA	CITY	5,928,000	-11,771,000	-5,843,000
	NO HEART	1,006,000	-1,635,000	-629,000
		6,934,000	-13,406,000	-6,472,000

6,472,000	BY	6,934,000	TOTAL	93.34% GAIN
629,000	BY	1,006,000	NH	62.52% GAIN
5,843,000	BY	5,928,000	CITY	98.57% GAIN

Estimated.
 No rept found
 after Corrective Bills
 completed.
 JW

Not accurate

AUGUST 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	827	65	5,204,000	8%	\$19,716.08	555	\$6,545.00
2	139	24	2,083,000	17%	\$2,653.93	48	\$700.00
3	25	3	425,000	12%	\$2,804.96	6	\$125.00
	991	92	7,712,000	9%	\$25,174.97	609	\$7,370.00
NH	121	6	1,115,000	5%	\$4,630.52	106	\$1,355.00
			6,597,000				

TCWA	CITY	6,792,000	-6,597,000	195,000
	NO HEART	1,024,000	-1,115,000	-91,000
		7,816,000	-7,712,000	104,000

104,000	BY	7,816,000	TOTAL	1.33% LOSS
- 91,000	BY	1,024,000	NH	8.89% GAIN
195,000	BY	6,792,000	CITY	2.87% LOSS



SEPTEMBER 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	828	81	5,434,000	10%	\$15,397.71	220	\$5,235.00
2	138	37	1,956,000	27%	\$1,229.73	21	\$335.00
3	25	2	265,000	8%	\$7,452.79	0	\$0.00
	991	120	7,655,000	12%	\$24,080.23	241	\$5,570.00

NH	120	2	787,000	2%	\$3,403.00	46	\$1,090.00
			6,868,000				

TCWA	CITY	7,074,000	-6,868,000	206,000
	NO HEART	1,054,000	-787,000	267,000
		8,128,000	-7,655,000	473,000

473,000	BY	8,128,000	TOTAL	5.82% LOSS
267,000	BY	1,054,000	NH	25.33% LOSS
206,000	BY	7,074,000	CITY	2.91% LOSS



OCTOBER 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	828	205	5,636,000	25%	\$19,653.09	100	\$1,120.00
2	138	58	2,199,000	42%	\$6,276.73	0	\$0.00
3	25	22	462,000	88%	\$11,277.79	0	\$0.00
	991	285	8,297,000	29%	\$37,207.61	100	\$1,120.00

NH	120	38	976,000	32%	\$2,913.00	15	\$225.00
			7,321,000				

TCWA	CITY	6,197,000	-7,321,000	-1,124,000
	NO HEART	859,000	-976,000	-117,000
		7,056,000	-8,297,000	-1,241,000

-1,241,000	BY	7,056,000	TOTAL	17.59% GAIN
-117,000	BY	859,000	NH	13.62% GAIN
-1,124,000	BY	6,197,000	CITY	18.14% GAIN



NOVEMBER 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	828	170	5,711,000	21%	\$31,980.64	517	\$5,665.00
2	136	61	2,169,000	45%	\$8,801.05	20	\$400.00
3	25	16	545,000	64%	\$15,537.79	21	\$525.00
	989	247	8,425,000	25%	\$56,319.48	558	\$6,590.00
NH				19%	\$5,566.00	129	\$1,440.00
			7,533,000				

TCWA	CITY	6,147,000	-7,533,000	-1,386,000
	NO HEART	920,000	-892,000	28,000
		7,067,000	-8,425,000	-1,358,000

-1,358,000	BY	7,067,000	TOTAL	19.22% GAIN
28,000	BY	920,000	NH	3.04% LOSS
-1,386,000	BY	6,147,000	CITY	22.55% GAIN



DECEMBER 2010 CONSUMPTION ANALYSIS

CYCLE	# BILLED	# EST.	CONS.	% EST.	ARREARS	# MC	MC
1	826	168	6,622,000	20%	\$34,272.60	359	\$4,145.00
2	138	67	2,256,000	49%	\$8,262.34	104	\$1,515.00
3	25	20	500,000	80%	\$20,452.79	20	\$450.00
	989	255	9,378,000	26%	\$62,987.73	483	\$6,110.00
NH							
	120	20	1,068,000	17%	\$5,359.00	74	\$955.00
			8,310,000				

TCWA	CITY	5,318,000	-8,310,000	-2,992,000
	NO HEART	763,000	-1,068,000	-305,000
		6,081,000	-9,378,000	-3,297,000

-2,992,000	BY	6,081,000	TOTAL	49.20% GAIN
- 305,000	BY	763,000	NH	39.97% GAIN
-3,297,000	BY	5,318,000	CITY	62.00% GAIN



APPENDIX D
HYDRAULIC MODEL RESULTS

Existing System

Node Labels: Pressures (psi)

Pipe Labels: Flow (gpm)



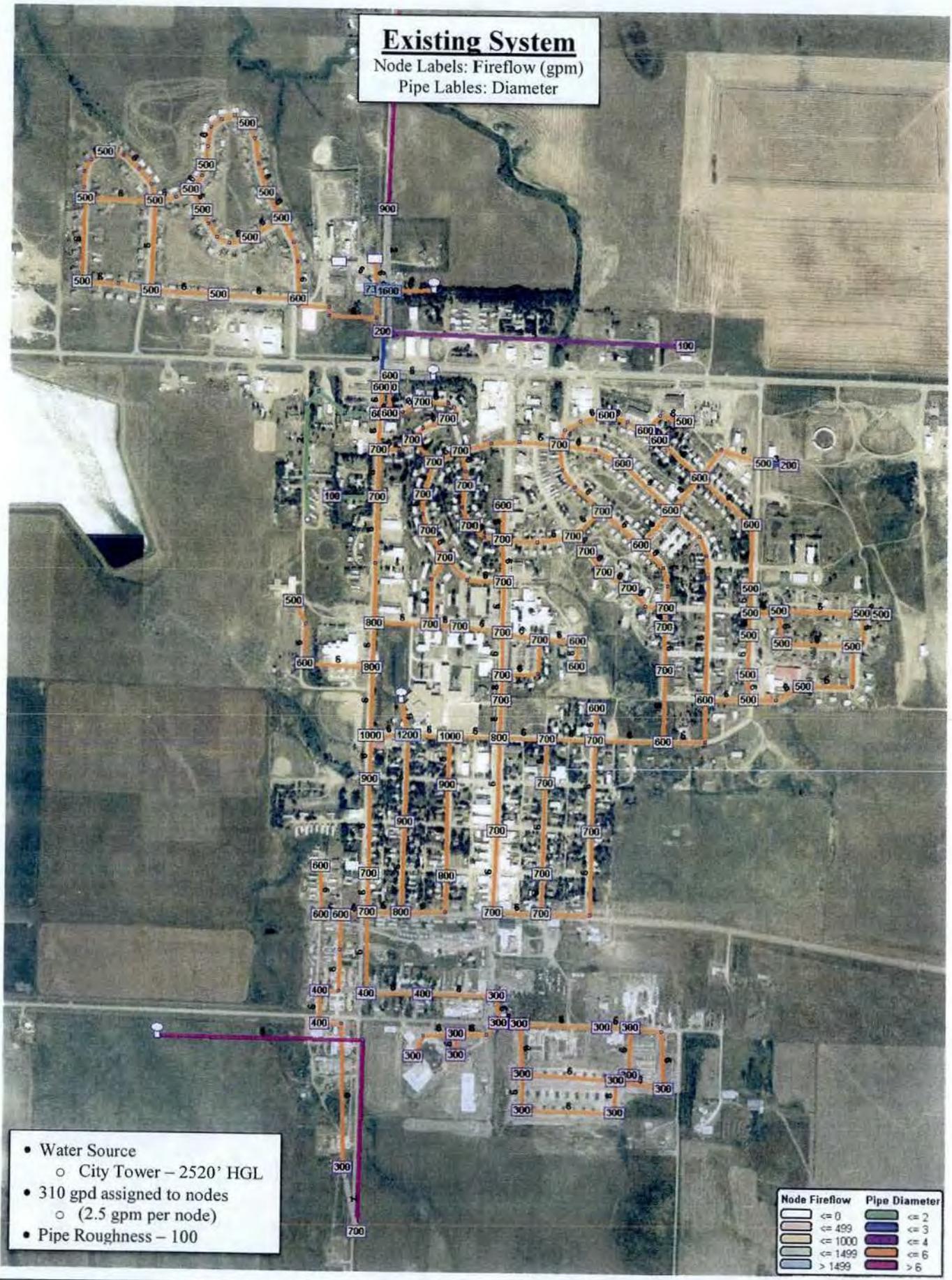
DeWild Grant Reckert and Associates Company
Consulting Engineers and Land Surveyors

Rock Rapids, IA - Sioux City, IA - Sioux Falls, SD
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Modeler: PHM
Plot Date: 3/29/12

Hydraulic Model
City of Eagle Butte, SD

Figure C-1



DeWild Grant Reckert and Associates Company
Consulting Engineers and Land Surveyors

Rock Rapids, IA - Sioux City, IA - Sioux Falls, SD
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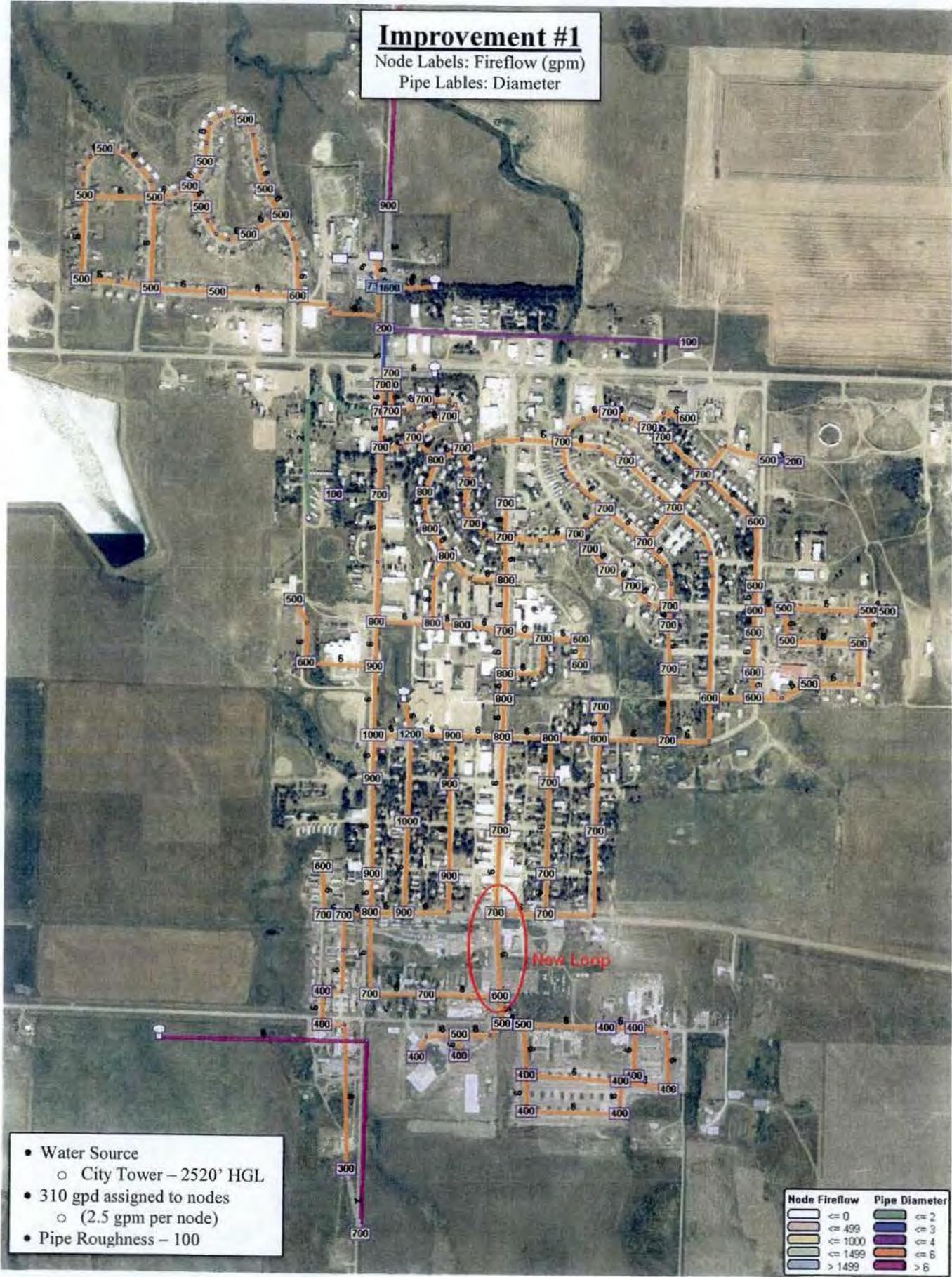
Modeler: PHM
Plot Date: 3/29/12

Hydraulic Model
City of Eagle Butte, SD

Figure C-2

Improvement #1

Node Labels: Fireflow (gpm)
Pipe Labels: Diameter



- Water Source
 - City Tower – 2520' HGL
- 310 gpd assigned to nodes
 - (2.5 gpm per node)
- Pipe Roughness – 100

Node Fireflow	Pipe Diameter
≤ 0	≤ 2
≤ 499	≤ 3
≤ 1000	≤ 4
≤ 1499	≤ 6
> 1499	> 6



DeWild Grant Reckert and Associates Company
Consulting Engineers and Land Surveyors

Rock Rapids, IA - Sioux City, IA - Sioux Falls, SD
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Modeler: PHM
Plot Date: 3/29/12

Hydraulic Model
City of Eagle Butte, SD

Figure C-3

Improvement #2

Node Labels: Fireflow (gpm)

Pipe Labels: Diameter



- Water Source
 - City Tower – 2520' HGL
- 310 gpd assigned to nodes
 - (2.5 gpm per node)
- Pipe Roughness – 100

Node Fireflow	Pipe Diameter
≤ 0	≤ 2
≤ 499	≤ 3
≤ 1000	≤ 4
≤ 1499	≤ 5
> 1499	> 6



DeWild Grant Reckert and Associates Company
Consulting Engineers and Land Surveyors

Rock Rapids, IA - Sioux City, IA - Sioux Falls, SD
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Modeler: PHM
Plot Date: 3/29/12

Hydraulic Model
City of Eagle Butte, SD

Figure C-4

APPENDIX E
PROJECT CLEARANCE LETTERS



DeWild Grant Reckert and Associates Company

CONSULTING ENGINEERS AND LAND SURVEYORS

2909 E. 57TH STREET
SUITE 101
SIOUX FALLS, SD 57108
(605) 339-4157
FAX: (605) 339-4175

May 11, 2012

South Dakota Dept. of Game, Fish and Parks
Division of Wildlife
523 East Capitol Avenue
Pierre, SD 57501-3181
Attn: Leslie Petersen, Interagency Coordinator

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project 662140**

Dear Ms. Petersen:

The purpose of this letter is to provide you with a brief description and a location map for the above referenced project. The City of Eagle Butte is applying for project funding through South Dakota's Clean and Drinking Water State Revolving Fund Program. Please review the enclosed information and provide us with your comments or concerns regarding this project.

The City of Eagle Butte is preparing for a utility improvement project during the 2012 calendar year. The City is planning on the following improvements (see attached display map):

1. The City of Eagle Butte is planning to construct water distribution system improvements to extend service to an un-served portion of their community and to improve reliability and operational efficiency to the existing water system. The project includes construction of approximately 7,050 feet of new 6-inch PVC main to improve water service on the west and north side of town, approximately 2,080 feet of 8-inch PVC to replace aged asbestos-cement water main within the downtown area of Eagle Butte and the replacement of approximately 1,200 water service meters with automatic read equipment.
2. The City also plans to replace and relocate an aging lift station to eliminate maintenance issues with the existing lift station and gravity sewer located under Highway 212. Install aeration and construct piping modifications at the wastewater lagoons to reduce odor problems and facilitate transfer of water.

The existing ground adjacent to the project north of Highway 212 is presently commercial property and bordered by Cheyenne River Sioux Tribe trust land on the south. The existing ground adjacent to the project on Sycamore Street is bordered by residential properties of the City of Eagle Butte. The wastewater lagoon site is situated on the west side of town and bordered by pasture land to the east, south, west and Highway 212 to the north. The water meter replacement project will encompass the corporate limits of the City of Eagle Butte.

There is one known wetland adjacent to the project area. All construction activities during this project will take place outside of the identified wetland area. Construction activities will also be minimized in this area and erosion control measures will be installed to minimize the impact to the wetland. There will be no fill placed in the natural wetland during construction.

There are no game preserves, national forests, or any known endangered or rare species present within the project areas. If any rare or endangered species are encountered, construction activities will be halted and the appropriate agencies will be contacted. If possible, construction will be relocated to avoid such species. Any construction on habitat areas will be carefully managed to minimize any potential effects to biological resources.

Thank you for providing us with your review and comments regarding this project. If you have any questions, please contact us.

Sincerely,

DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

Trent Bruce, PE
Project Manager

Enclosures



DEPARTMENT OF GAME, FISH, AND PARKS

Foss Building
523 East Capitol
Pierre, South Dakota 57501-3182

May 22, 2012

Mr. Trent Bruce
DGR, Inc.
2909 E. 57th Street
Suite 101
Sioux Falls, SD 57108

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project No. 662140**

Dear Mr. Bruce:

The South Dakota Department of Game, Fish and Parks, Division of Wildlife, has reviewed the above referenced project involving water distribution system improvements in the City of Eagle Butte, South Dakota.

At this time, the project described will have no impacts on fish and wildlife resources. However, if the project design changes or if new information becomes available, please submit the changes for review.

If you have any questions, please contact me at (605) 773-6208.

Sincerely,

Leslie Murphy
Leslie Murphy
Senior Biologist



DeWild Grant Reckert and Associates Company

CONSULTING ENGINEERS AND LAND SURVEYORS

2909 E. 57TH STREET
SUITE 101
SIOUX FALLS, SD 57108
(605) 339-4157
FAX: (605) 339-4175

May 11, 2012

Steven Vance, Acting THPO
CRST Preservation Office
P.O. Box 590
Eagle Butte, SD 57625

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project 662140**

Dear Mr. Vance:

The purpose of this letter is to provide you with a brief description and a location map for the above referenced project. The City of Eagle Butte is applying for project funding through South Dakota's Clean and Drinking Water State Revolving Fund Program. Please review the enclosed information and provide us with your comments or concerns regarding this project.

The City of Eagle Butte is preparing for a utility improvement project during the 2012 calendar year. The City is planning on the following improvements (see attached display map):

1. The City of Eagle Butte is planning to construct water distribution system improvements to extend service to an un-served portion of their community and to improve reliability and operational efficiency to the existing water system. The project includes construction of approximately 7,050 feet of new 6-inch PVC main to improve water service on the west and north side of town , approximately 2,080 feet of 8-inch PVC to replace aged asbestos-cement water main within the downtown area of Eagle Butte and the replacement of approximately 1,200 water service meters with automatic read equipment.
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Thank you for providing us with your review and comments regarding this project. If you have any questions, please contact us.

Sincerely,

DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

Trent Bruce, PE
Project Manager

Enclosures



May 11, 2012

Scott Larson
United States Department Of Interior
Fish And Wildlife Service
420 S. Garfield Avenue
Pierre, SD 57501-5408

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project 662140**

Dear Mr. Larson:

The purpose of this letter is to provide you with a brief description and a location map for the above referenced project. The City of Eagle Butte is applying for project funding through South Dakota's Clean and Drinking Water State Revolving Fund Program. Please review the enclosed information and provide us with your comments or concerns regarding this project.

The City of Eagle Butte is preparing for a utility improvement project during the 2012 calendar year. The City is planning on the following improvements (see attached display map):

1. The City of Eagle Butte is planning to construct water distribution system improvements to extend service to an un-served portion of their community and to improve reliability and operational efficiency to the existing water system. The project includes construction of approximately 7,050 feet of new 6-inch PVC main to improve water service on the west and north side of town , approximately 2,080 feet of 8-inch PVC to replace aged asbestos-cement water main within the downtown area of Eagle Butte and the replacement of approximately 1,200 water service meters with automatic read equipment.
2. The City also plans to replace and relocate an aging lift station to eliminate maintenance issues with the existing lift station and gravity sewer located under Highway 212. Install aeration and construct piping modifications at the wastewater lagoons to reduce odor problems and facilitate transfer of water.

The existing ground adjacent to the project north of Highway 212 is presently commercial property and bordered by Cheyenne River Sioux Tribe trust land on the south. The existing ground adjacent to the project on Sycamore Street is bordered by residential properties of the City of Eagle Butte. The wastewater lagoon site is situated on the west side of town and bordered by pasture land to the east, south, west and Highway 212 to the north. The water meter replacement project will encompass the corporate limits of the City of Eagle Butte.

There is one known wetland adjacent to the project area. All construction activities during this project will take place outside of the identified wetland area. Construction activities will also be minimized in this area and erosion control measures will be installed to minimize the impact to the wetland. There will be no fill placed in the natural wetland during construction.

There are no game preserves, national forests, or any known endangered or rare species present within the project areas. If any rare or endangered species are encountered, construction activities will be halted and the appropriate agencies will be contacted. If possible, construction will be relocated to avoid such species. Any construction on habitat areas will be carefully managed to minimize any potential effects to biological resources.

Thank you for providing us with your review and comments regarding this project. If you have any questions, please contact us.

Sincerely,

DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

Trent Bruce, PE
Project Manager

Enclosures



DeWild Grant Reckert and Associates Company

CONSULTING ENGINEERS AND LAND SURVEYORS

2909 E. 57TH STREET
SUITE 101
SIOUX FALLS, SD 57108
(605) 339-4157
FAX: (605) 339-4175

May 11, 2012

United States Department of Agriculture
Natural Resources Conservation Services
200 Fourth Street SW
Huron, SD 57350-2475
Attn: Deanna Peterson, State Soil Scientist

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project 662140**

Dear Ms. Peterson:

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Trent Bruce, PE
Project Manager

Enclosures



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SIOUX FALLS, SD 57108
(605) 339-4157
FAX: (605) 339-4175

May 11, 2012

U.S. Army Corps of Engineers, Omaha District
Planning Division
Attn: CENWO-PM-AE
1616 Capital Avenue
Omaha, NE 68102-4901

**RE: Water System and Wastewater Facilities Improvements
Eagle Butte, South Dakota
DGR Project 662140**

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DEWILD GRANT RECKERT
& ASSOCIATES COMPANY

Trent Bruce, PE
Project Manager

Enclosures

APPENDIX F
MINUTES FROM PUBLIC HEARING

**Published notice and minutes from public hearing
will be included in this section of the appendix
after the public hearing date.**