

Drinking Water Board Packet

February 26, 2015

Agenda



State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF DRINKING WATER
Kenneth H. Bousfield, P.E.
Director

Drinking Water Board
Paul Hansen, P.E., *Chair*
Betty Naylor, *Vice-Chair*
Brett Chynoweth
Tage Flint
Roger G. Fridal
Brad Johnson
David L. Sakrison
David Stevens, Ph.D.
Mark Stevens, M.D.
Kenneth H. Bousfield, P.E.
Executive Secretary

DRINKING WATER BOARD MEETING

February 26, 2015

2:00 pm

The Dixie Convention Center

Garden Room

1835 Convention Center Drive

St. George, Utah 84790

Ken Bousfield's Cell Phone #: (801) 674-2557

1. Call to Order – Chairman Hansen
2. Roll Call – Ken Bousfield
3. Introductions – Chairman Hansen
4. Approval of the Minutes:
 - A. January 9, 2015
5. Financial Assistance Committee Report
 - A. Status Report – Michael Grange
 - B. Project Priority List – Michael Grange
 - C. SRF Applications
 - i. STATE:
 - a) Grand Water and Sewer Service Agency – Jesse Johnson
 - b) Plymouth Town – Gary Kobzeff
 - ii. FEDERAL:
 - a) Pleasant View , De-authorization – Michael Grange
 - b) Sheep Creek Cove HOA, De-authorization – Jesse Johnson
 - c) Taylor-West Weber Water – Jesse Johnson
 - iii. OTHER:
6. Intended Use Plan – Michael Grange
7. Rural Water Association of Utah Energy Efficiency Equipment Purchase Proposal – Michael Grange
8. Division Rulemaking Action – Michael Grange

A. Five Year Notice of Review and Statement of Continuation

9. Rural Water Association Report – Dale Pierson

10. Directors Report

- A. The Division's participation at the RWAU Conference
- B. Possible Board tour in connection with the Board's May meeting
- C. Board Appointments

11. Next Board Meeting:

Date: Friday, May 8, 2015
Time: 1:00 pm
Place: Multi Agency State Office Building
Room 1015
195 North 1950 West
Salt Lake City, Utah 84116

12. Other

13. Adjourn

In compliance with the American Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Dana Powers, Office of Human Resources, at: (801) 499-2117, TDD (801) 536-4414, at least five working days prior to the scheduled meeting.

Agenda Item

4(A)



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DRINKING WATER BOARD MEETING
Friday, January 9, 2015 - 1:00 pm
Multi Agency State Office Building - Room 1015
195 North 1950 West
Salt Lake City, Utah 84116

DRAFT MINUTES

- ❖ **A Board Member Work Session was held at 9:00 am, prior to the Drinking Water Board Meeting. Recommendations to Division Staff on Energy Efficiency Initiative Incentives were discussed. No Board actions were conducted during this time.**

Board Members present: Paul Hansen, Betty Naylor, Brad Johnson, David Sakrison, and Roger Fridal. Brett Chynoweth and Tage Flint arrived at approximately 10:40 am.

Division Staff present: Ken Bousfield, Michael Grange, and Marianne Booth.

Rural Water Association of Utah Staff present: Terry Smith. Dale Pierson arrived at approximately 10:17 am.

1. Call to Order – Chairman Hansen

Paul Hansen, Board Chairman, called the meeting to order at 1:05 pm.

2. Roll Call – Ken Bousfield

Board members present: Paul Hansen, Betty Naylor, Brett Chynoweth, Tage Flint, David Stevens, Brad Johnson, David Sakrison, and Roger Fridal. Mark Stevens joined at approximately 1:20 pm.

Division staff present: Ken Bousfield, Michael Grange, Melissa Copfer, Julie Cobleigh, Gary Kobzeff, Jesse Johnson, Ying Ying Macauley, Bernie Clark, Tammy North, Bob Hart, and Marianne Booth.

3. Introductions – Chairman Hansen

Paul Hansen, Board Chairman, welcomed everyone to the meeting and requested that those in the audience introduce themselves.

Those in attendance were:

- Dale Pierson, Brian Pattee, Curtis Ludvigson, and Terry Smith representing the Rural Water Association of Utah.
- Mark Sovine and Doug Nielson, Sunrise Engineering, representing Grand Water and Sewer Service Agency.
- Jack Lytle, Daggett County Commissioner, and Brett Reynolds, Civco Engineering, representing Daggett County/Dutch John.
- Chip Shortreed, District Manager, and Ryan Jolley, Jones & DeMille Engineering, representing Ticaboo Utility Improvement District.
- Myron Bateman, Tooele County Commissioner, Jerry Houghton, Tooele County recorder, surveyor, and certified water operator, Shawn Milne, Tooele County Commissioner, and Darin Robinson, Jones & DeMille Engineering, representing West Erda Improvement District.

4. Approval of the Minutes:

A. November 7, 2014

- Roger Fridal moved to approve the minutes. Tage Flint seconded. The motion was carried unanimously by the Board.

B. December 1, 2014

- Betty Naylor moved to approve the minutes. David Stevens seconded. The motion was carried unanimously by the Board.

5. Financial Assistance Committee Report

A. Status Report – Michael Grange

Michael Grange, Construction Assistance Section Manager with the Division of Drinking Water (DDW, the Division) reported that currently the State fund has \$3 million and over the course of the next year the Division is expecting \$5.5 million to come into the fund for a total of \$8.5 million to be available for projects.

Michael also reported that currently the Federal fund has \$35 million and over the course of the next year the Division is expecting \$16 million to come into the fund for a total of \$51 million to be available for projects. He also noted that Forest Glen A has closed their loan, Herriman has set a closing date of March 11, 2015, and the Division is currently working with 7 other water systems to close their loans.

B. Project Priority List – Michael Grange

Michael Grange reported that there are no new projects to add to the list.

C. SRF Applications

i. STATE:

a) Grand Water and Sewer Service Agency – Jesse Johnson

Jesse Johnson, Environmental Engineer with DDW, informed the Board that Grand Water and Sewer Service Agency (GWSSA) is requesting \$48,000 for a master plan that will include an analysis of the existing system and a capital improvements plan for future system improvement projects. GWSSA has a local MAGI of \$30,300, or 77% of the state's MAGI. Their current water bill is \$49.55, which is 1.96% of the local MAGI. The Financial Assistance Committee (FAC) did not have a quorum and no formal recommendation was made, however the members that were present were amenable to the Board authorizing a planning grant of \$48,000 to GWSSA for the development of a master plan.

David Sakrison, Mayor of Moab, disclosed that Moab City does have a working relationship with GWSSA, but there is no benefit back to the city from the proposed funding.

Mark Sovine with GWSSA, thanked Jesse for his work and the Board for their consideration of the proposed project.

- Paul Hansen moved to authorize a planning grant of \$48,000 to the Grand Water and Sewer Service Agency for the development of a master plan as described. David Stevens seconded. The motion was carried unanimously by the Board.

b) Daggett County/Dutch John – Jesse Johnson

Jesse Johnson informed the Board that in November 2014, Daggett County /Dutch John (Daggett County) requested \$362,000 to repair two storage tanks, upgrade the disinfection system in the water treatment plant, replace filter media, and add meters within the Dutch John water system; due to the funding repayment being 30 years and the repairs to the tank only estimated to last 15 years, that request was tabled and the project was re-evaluated. Jesse then informed the Board that Daggett County is now requesting \$1.02 million in funding to replace the tanks and that Dutch John has entered into a compliance agreement with the Division. The FAC did not have a quorum and no formal recommendation was made, however the members that were present were amenable to the Board authorizing a \$510,000 loan at 0% interest for 30 years, with an additional \$510,000 in grant to Daggett County/Dutch John using state SRF funds.

Bret Reynolds, Civco Engineering, took a moment to thank the Board and Staff for looking at the project for funding. Bret also commented that with the repair to the water tank that they had earlier proposed, they were not really sure of how long it would last, and it would have been problematic to take the water tank out of service to make the repairs.

Paul Hansen commented that he appreciated them being willing to go back and evaluate how to most effectively spend money in the long term.

- Paul Hansen moved to authorize a loan of \$510,000 at 0% interest for 30 years with an additional \$510,000 in grant to Daggett County/Dutch John using the State SRF funds contingent upon bringing the system into compliance. Tage Flint seconded. The motion was carried unanimously by the Board.

c) Ticaboo Utility Improvement District – Gary Kobzeff

Gary Kobzeff, Environmental Engineer with DDW, reported to the Board that at the November 2014 meeting Ticaboo Utility Improvement District (Ticaboo) requested \$700,000 in assistance to replace the pump in well #1, the pump house, install new solar panel arrays to provide power to their #1 and #2 wells, and construct a fence around their existing storage reservoir, however because some of the numbers in their application didn't accurately reflect their water costs, the request was tabled. Gary then informed the Board that those numbers have now been updated and their MAGI is significantly higher and the application now reflects the actual cost to their water system.

Paul Hansen noted that there was no recommendation from the FAC, and questioned what the Staff recommendation was. Gary noted that he personally feels it is a good use of funds and noted that they qualify for either of the scenarios presented to the Board.

- David Stevens moved to authorize a loan of \$350,000 with 0% interest for 30 years with an additional \$350,000 in grant to Ticaboo Utility Improvement District. Brett Chynoweth seconded. The motion was carried unanimously by the Board.

ii. FEDERAL:

a) West Erda Improvement District – Julie Cobleigh

Julie Cobleigh, Environmental Engineer with DDW, started by reminding the Board that at the November 2014 meeting West Erda Improvement District (West Erda) was authorized a loan of \$1,478,600 at 0% interest for 30 years with \$739,600 in principal forgiveness. She went on to state that West Erda is now requesting an additional \$144,000 in funding to upgrade the originally proposed 12 inch transmission line to a 16 inch transmission line that will deliver water from Erda Acres to West Erda and that they would also like to have their repayment schedule restructured so that their payments are smaller early in the loan and have balloon payments towards the end of the loan. She then stated that West Erda does not feel they can get the required public support without reducing the amount of the loan secured by user fees, so they have decided to secure a significant portion of the loan with other county revenues to be repaid with impact fees, therefore there is a need for a larger transmission line to allow more individuals to connect to it. Julie also noted that the areas of expansion have not been solidified as of yet and the possibility of connecting the prison; if it's relocated near the Miller Motor Sports Park; had been discussed and it was agreed that it would not be connected. The FAC recommends the Board amend the original authorization to a loan of \$1,622,600 at 0% interest for 30 years to West Erda with \$811,600 in principal forgiveness with a graduated repayment schedule as proposed contingent upon the district authority and ability to expand their boundary, implement the cost share proposed for the project, and provide evidence of public support for all lots impacted.

Myron Bateman, Tooele County Commissioner, commented that this has been a work in progress for almost 40 years and he appreciates the Boards support to get this done correctly.

In response to questions from the Board, Darin Robinson, Jones & DeMille Engineering, clarified the variances in water bills by stating that some of the people would only benefit from having fire hydrants while others would be hooked to the line for their drinking water supply. He also noted that Erda Acres is a private water company that serves various subdivisions in the area and they have indicated that they have excess source and storage capacity to help West Erda.

- Brett Chynoweth moved to authorize a loan of \$1,622,600 with 0% interest for 30 years with a graduated repayment schedule to West Erda with \$811,600 in principal forgiveness contingent upon the district authority and ability to expand their boundary, implement the cost share proposed for the project, and provide evidence of public support for all lots impacted. David Stevens seconded. The motion was carried unanimously by the Board.

iii. OTHER:

6. **Authorization to Initiate Rule Revision –R309-500 – Facility Design and Operation: Plan Review, Operation and Maintenance Requirements – Bernie Clark**

Bernie Clark, Environmental Program Coordinator with DDW, asked the Board to authorize the Division to initiate the rule making process to amend R309-500, which is the rule that governs plan review and operation and maintenance requirements for drinking water systems. He then explained that in general that there are six categories of changes being proposed with the intent to make the rule easier to understand and easier to implement.

There was discussion between the Board and Bernie regarding two of the more substantive changes which were the waiver program and the description of the condition of plans and specs when they are submitted to the Division. Bernie also noted that the amended rule is 40% shorter than the current rule and that the Division held three comment periods and made revisions in response to comments received.

- Betty Naylor moved to authorize Division Staff to initiate the rule making process and file the proposed rule amendments for publication in the Utah Bulletin. Mark Stevens seconded. The motion was carried unanimously by the Board.

7. **Intent to Request Authorization to Initiate Rule Revision – R309-510- Facility Design and Operation: Minimum Sizing Requirements – Ying Ying Macauley**

Ying Ying Macauley, Engineering Section Manager with DDW, started by noting that even though this is an informational only item, it was felt there was a need to give the Board some background information and prepared a slide presentation. In the slide presentation Ying Ying gave a summary of R309-510, a timeline on the legislative audit of R309-510, a summary of the audit recommendations to the Division, some biases in the audit report (in her opinion), and a summary of the Divisions' Action Plan.

There was a lengthy discussion between the Board and Ying Ying on each of the topics she covered. The Board was appreciative of the information presented to them and felt the Divisions Action Plans are appropriate.

8. Drinking Water Energy Efficiency Initiative

A. Documents and Presentations – Michael Grange

There were no documents or presentations to present.

B. Drinking Water Boards' Direction on Energy Efficiency Initiative Incentives

Michael Grange reported that in the Board's morning working session the Board discussed making a change in policy authorizing the Executive Secretary and the Assistant Executive Secretary to authorize up to \$45,000 in planning advances for those projects that included an energy efficiency audit, which is an increase from the \$40,000 they are currently authorized to approve. This change is not a rule change, but will require a formal action by the Board.

Michael also reported that the Board discussed offering a reduction in interest rate, up to 0.5%, to water systems that include energy efficiency measures in their construction projects funded through SRF financial assistance programs. The Board also determined that the interest rate reduction would be a part of the Board motion, but not applied until after the energy audit had been completed and Division Staff has been allowed to review the audit results against a to be determined set of criteria. This action will require a rule change and the Board will need to authorize Division Staff to begin that process.

- Paul Hansen moved to authorize Division Staff to initiate the rule making process to include up to 0.5% interest rate reduction for energy efficiency projects. David Sakrison seconded. The motion was carried unanimously by the Board.
- David Sakrison moved to authorize the Executive Secretary and the Assistant Executive Secretary to authorize up to \$45,000 in planning advances for those projects that included an energy efficiency audit. Betty Naylor seconded. The motion was carried unanimously by the Board.

9. Rural Water Association of Utah Development Specialist Contract Renewal – Ken Bousfield

Ken Bousfield, Director of DDW, started by explaining that the reason for the Development Specialist Contract is to have a Rural Water Association of Utah (RWAU) specialist, that can go out into the field and work with counties and encourage ordinances, so as small systems evolve into public water systems they have a proper foundation and are viable. He then explained that in 2013 the Board entered into a 5 year contract to continue this work, however, according to State Finance rules, the Board needs to re-authorize the contract annually.

Curtis Ludvigson, Development Specialist for RWAU, explained that currently his area of focus is in the Six County area, made up of Sanpete, Sevier, Millard, Juab, Piute, and Wayne counties. He went on to inform the Board that he has been working with John Chartier, P.E.,

District Engineer for Central Utah, to develop county ordinances and land use agreements; as well as meeting with county officials and planning commissions; in order to adopt and implement those ordinances.

- Tage Fling moved to authorize the continuance of the Rural Water Association of Utah Development Specialist contract. David Stevens seconded. The motion was carried unanimously by the Board.

10. Rural Water Association Report – Dale Pierson

Dale Pierson, Executive Director of RWUA, thanked the Board for authorizing the continuance of the Development Specialist contract, and noted that he believes significant progress is being made. Dale also informed the Board that earlier in the week RWAU committed to aiding the Division with collecting actual water use data from water systems to aid with the long term Action plan as a result of the Legislative audit. He then noted that RWAU is pleased that the February Board meeting will be held in conjunction with RWAU's Annual Conference in St. George, and extended an invitation to the Board to attend the conference as well, as there are workshops with topics that mirror the items brought before the Board today.

Terry Smith, Management Technician with RWUA, updated the Board on the work he has been doing with Stockton, Hatch, and Virgin, to do rate surveys and look at master plans. He reported to the Board that he has also been assisting Parowan, Moroni, Mt. Pleasant, Elsinore, and few other towns with water conservation plan updates and rate structures. He noted that he has plans to work with Nephi, Minersville, and Leamington as well.

Brian Pattee, Compliance Circuit Writer with RWUA, also updated the Board on the work he has been doing, by informing them that he has been working with the Compliance Action Planning meeting (CAP) systems to get them up to date on their sampling as well as training them on cross connection control. He also noted that as he works with the systems, he talks with them about energy efficiency in their system.

11. Chairman's Report

Paul Hansen, Board Chairman, noted that at the February Board meeting there will be the annual election of the new Chairman and Vice-Chairman of the Board and encouraged all Board members to attend.

12. Directors Report

A. Three Work Groups Organized

Ken Bousfield reported that the Division is putting together three work groups. The first is to consider the best approach in dealing with secondary water systems, where water systems sell water to another water system. Of particular concern are hospital water systems. This group will work with the local health departments to identify these systems and then assist the secondary facilities in ensuring that they have the proper treatment equipment. The second group will work with systems that sell water to subdivisions or homeowners associations. This group will work to identify the subdivisions and HOA's to

determine if there are health and safety concerns and what the best way to deal with them is. The third group will work solely with the local health departments on standardizing procedures for contamination events.

B. Water & Energy Nexus Summit

Ken reminded the Board of the Water and Energy Nexus Summit that is scheduled for Thursday, January 22, 2015, noting that if any of the Board members are interested in attending the Division will pay for their registration.

C. Rural Water Association of Utah Annual Conference

Ken noted that Dale Pierson had extended an invitation to Board members to attend the Annual Conference and noted that the Division will assist the Board members with their registration and lodging. Ken advised Board members to contact Marianne Booth regarding their travel and registration preferences.

13. Next Board Meeting:

Date: Thursday, February 26, 2015
Time: 2:00 pm
Place: The Dixie Convention Center
Garden Room
1835 Convention Center Drive
St. George, Utah 84790

14. Other

15. Adjourn

- Paul Hansen moved to adjourn the Board meeting. Roger Fridal seconded. The motion was carried unanimously by the Board.

Meeting adjourned at 3:00 pm.

In compliance with the American Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Dana Powers, Office of Human Resources, at: (801) 499-2117, TDD (801) 536-4414, at least five working days prior to the scheduled meeting.

Agenda Item

5(A)

DIVISION OF DRINKING WATER
STATE LOAN FUNDS
AS OF January 31, 2015

SUMMARY		
	Total State Fund:	\$7,155,075
	Total State Hardship Fund:	\$1,680,197
	Subtotal:	\$8,835,272
LESS AUTHORIZED	Less:	
	Authorized Loans & Closed loans in construction:	\$2,074,000
	Authorized Hardship:	\$1,388,375
	Subtotal:	\$3,462,375
	Total available after Authorized deducted	\$5,372,897
PROPOSED	Proposed Loan Project(s):	\$1,511,000
	Proposed Hardship Project(s):	\$631,323
	Subtotal:	\$2,142,323
AS OF:		
January 31, 2015	TOTAL REMAINING STATE LOAN FUNDS:	\$3,570,075
	TOTAL REMAINING STATE HARDSHIP FUNDS:	-\$339,501

(see Page 2 for details)

(see Page 2 for details)

Total Balance of ALL Funds: \$3,230,574

Projected Receipts Next Twelve Months: and Sales Tax Revenue	
Annual Maximum Sales Tax Projection	\$3,587,500
	\$0
Less State Match for 2015 Federal Grant	(\$1,845,800)
Less Appropriation to DDW	(\$800,000)
Less Administration Fees	(\$145,700)
SUBTOTAL Sales Tax Revenue including adjustments:	\$796,000
Payment:	
Interest on Investments (Both Loan and Hardship Accounts)	\$19,200
Principal payments	\$3,583,722
Interest payments	\$926,643
Total Projections:	\$5,325,565

Receive 80% in January

Total Estimated State SRF Funds Available through 2-01-2016	\$8,556,139
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**DIVISION OF DRINKING WATER
STATE LOAN FUNDS
PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF January 31, 2015**

Community	Loan #	Cost Estimate	Date Authorized	Date Closed/Anticipated	Authorized Funding		
					Loan	Grant	Total
Daggett County - Dutch John	3S216	1,020,000			510,000	510,000	1,020,000
Trenton Town 1.5% int 30 yrs	3S196	422,139	May-14		145,000	145,075	290,075
Ticaboo 0.0% 30 yrs	3S206	700,000			350,000	350,000	700,000
Subtotal Loans and Grants Authorized					1,005,000	1,005,075	2,010,075
PLANNING LOANS / GRANTS IN PROCESS							
Henrieville Town 0% int 5 yrs	3S189P	36,000	Jun-13	Sep-13	36,000		36,000
Tabiona	3S192P	32,000	Sep-13		32,000		32,000
Coalville pl loan 5 yrs 0% int	3S186P	32,000	Jul-13	Sep-13	32,000		32,000
Fairview	3S198P	38,000	Jun-14	Aug-14	38,000		38,000
Salina City	3S205P	23,000	Sep-14	Oct-14	23,000		23,000
Hildale pl grant	3S194P	40,000	Jan-14	Mar-14		40,000	40,000
West Erda Imp Dist - pl grnt	3S197P	39,800	Jun-14	Jan-15		39,800	39,800
Hanksville	3S199P	40,000	Jul-14	Jul-14		40,000	40,000
Glen Canyon-Big Water Town	3S200P	40,000	Jul-14	Jul-14		40,000	40,000
Cedarview Montwell SSD	3S201P	40,000	Jul-14	Feb-15		40,000	40,000
Central Iron Co WCD	3S203P	40,000	Aug-14	Oct-14		40,000	40,000
Wendover City	3S207P	38,500	Nov-14	Feb-15		38,500	38,500
Paunsaugunt Cliffs SSD	3S209P	17,000	Dec-14	Dec-14		17,000	17,000
Grand Water & Sewer	3S212	48,000	Jan-15	Feb-15		48,000	48,000
Moroni Municipal Water System	3S213P	40,000	Dec-14			40,000	40,000
					161,000	383,300	544,300
CLOSED LOANS (partially disbursed)							
Payson, 3.46% int, 20 yrs	3S170	3,404,000	Nov-11	Apr-12	908,000		908,000
							0
							0
Subtotal Planning Loans/Grants Auth					908,000	0	908,000
Total authorized or closed but not yet funded					\$2,074,000	\$1,388,375	\$3,462,375
PROPOSED PROJECTS for Aug 2014							
Dagget Co - Dutch John		1,020,000			510,000	510,000	1,020,000
Grand Water and sewer	3S215	242,323			121,000	121,323	242,323
Plymouth Town	3S217	880,000			880,000		880,000
Total Proposed Projects					1,511,000	631,323	2,142,323

**DIVISION OF DRINKING WATER
STATE LOAN FUNDS
AS OF January 31, 2015**

	5235	5240	
	Loan	Interest	
	Funds	(use for Grants)	Total
Cash:	\$7,155,075	\$1,680,197	\$8,835,272
Less:			
Loans & Grants authorized but not yet closed (schedule attached)	(1,166,000)	(1,388,375)	(2,554,375)
Loans & Grants closed but not fully disbursed (schedule attached)	(908,000)	0	(908,000)
Proposed loans & grants	(1,511,000)	(631,323)	(2,142,323)
Administrative quarterly charge for entire year	(145,700)		(145,700)
Appropriation to DDW	(800,000)		(800,000)
	0		0
FY 2015 Federal SRF 20% match of \$7,570,000	(1,845,800)		(1,845,800)
	778,575	(339,501)	439,074
Projected repayments during the next twelve months			
Thru 02-01-2016			
Principal	3,583,722		3,583,722
Interest		926,643	926,643
Projected annual investment earnings on invested cash balance		19,200	19,200
Sales Tax allocation thru Feb-01-2016	3,587,500		3,587,500
Total	\$7,949,797	\$606,342	\$8,556,139
* All interest is added to the Hardship Fee account.			

DIVISION OF DRINKING WATER
FEDERAL SRF
AS OF January 31, 2015

FIRST ROUND FUND		FEDERAL SECOND ROUND FUND		Hardship Fund
1997 thru 2014 SRF Grants		Principal Repayments	Earnings on Invested Cash Balance	Total:
Net Federal SRF Grants:	\$144,595,581	Principal (P):	\$38,387,398	Total: \$1,152,329
Total State Matches:	\$31,540,300	Interest (I):	\$10,249,034	
Closed Loans:	-\$176,135,881	Total P & I:	\$48,636,432	Total: \$3,119,538
Total Grant Dollars:	\$0			

SUMMARY		
	Total Federal State Revolving Fund:	\$49,788,761
	Total Federal Hardship Fund:	\$3,119,538
	Subtotal:	\$52,908,299
LESS	Less:	
AUTHORIZED & PARTIALLY DISBURSED	Authorized & Partially Disbursed Closed Loans:	\$13,103,600
	Authorized Federal Hardship:	\$686,087
	Subtotal:	\$13,789,687
PROPOSED	Proposed Federal Project(s):	\$5,569,391
	Proposed Federal Hardship Project(s):	\$0
	Subtotal:	\$5,569,391
AS OF:	TOTAL REMAINING LOAN FUNDS:	\$31,115,770
January 31, 2015	TOTAL REMAINING HARDSHIP FUNDS:	\$2,433,451

Total Balance of ALL Funds after deducting proposed actions: \$33,549,222

Projected Receipts thru February 1, 2016	
2015 Fed SRF Grant	\$6,829,460
2015 State Match	\$1,845,800
Interest on Investments	\$225,600
Principal Payments	\$6,240,289
Interest	\$1,526,680
Hardship & Technical Assistance fees	\$383,136
Total:	\$17,050,965

} Receive 60% in January

Total Estimated Federal SRF Funds Available through: 2/1/2016 **\$50,600,186**

**DIVISION OF DRINKING WATER
FEDERAL STATE REVIVING FUND**

**PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF January 31, 2015**

COMMUNITY	Project			Authorized Date	Closing Date Scheduled	Authorized From Loan Funds (1st or 2nd Round)			Hardship Fund
	Total Project	Terms	Loan #			Loan	Forgiveness	Total	
Herriman	8,375,000	2.25% hgf, 20 yrs	3F194	Mar-12	Mar-15	4,682,000		4,682,000	
Greendale Water Co	1,385,000	3.92 int/hgf, 20 yrs	3F213	Jul-13	Sep-15	1,145,000		1,145,000	
Boulder Farmstead Wtr Co	2,000,000	0% INT, 30 yrs	3F225	May-14		1,000,000	1,000,000	2,000,000	
White Hills Wtr Co	1,047,000	1% int, 30 yr	3F226	Jul-14		519,000	518,000	1,037,000	
West Erda Improvement District	1,622,600	0% int, 30 yr	3F233	Nov-14		883,000	739,600	1,622,600	
Sheep Creek Cove HOA	90,000	4.82% int, 20 yr	3F218	Jan-14		90,000		90,000	
Pleasant View City	2,327,000	3.75% int, 20 yrs	3F219	Jan-14		1,977,000		1,977,000	
								0	
TOTAL CONSTRUCTION AUTHORIZED:						\$ 10,296,000	\$ 2,257,600	\$ 12,553,600	\$ -
COMMITTED PLANNING ADVANCES / AGREEMENTS or PARTIALLY DISBURSED CLOSED 2ND ROUND AGREEMENTS:									
					Date Closed				
								0	0
Kane Co-Zion View	1,400,000	4.71% int, 30 yrs	3F185	Mar-12	Jul-12	550,000		550,000	0
Rural Water Assn of Utah	124,758	5 yr contract for Development Specialist	Ongoing	Nov-12	Jan-13			0	408,262
Woodland Mutual Wtr Co.	37,000	Planning Loan 0% 5 yrs	3F206P	Nov-12	May-13			0	37,000
Rockville Pipeline Co	36,700	100% pf	3F220P	Feb-14	Mar-14			0	17,825
Lyman Water System	40,000	100% pf eng study	3F232P	Sep-14	Oct-14			0	40,000
Cedar Point - Big Plains	83,000	0.0% 5 yrs \$42,000 PF Aquafer study	3F224P	May-14			0	0	83,000
Central Iron County WCD	100,000	0.0% 5 yrs \$50,000 PF Aquafer study	3F230	Nov-14			0	0	100,000
								0	0
TOTAL PLANNING AUTHORIZED:						\$550,000	\$0	\$550,000	\$686,087
TOTAL CONSTRUCTION & PLANNING:								\$13,103,600	\$686,087
AVAILABLE PROJECT FUNDS:									\$36,685,161
AVAILABLE HARDSHIP FUNDS:									\$2,433,451
PROPOSED PROJECTS FOR JANUARY 2015:									
Taylor West Weber Water	7,636,391		3F234			6,091,000	1,545,391	7,636,391	
Pleasant View City De-authorization	(1,977,000)		3F219			(1,977,000)		(1,977,000)	
Sheep Creek Cove de-authorization	(90,000)		3F218			(90,000)		(90,000)	
TOTAL PROPOSED PROJECTS FOR THIS MEETING:						\$4,024,000	\$1,545,391	\$5,569,391	\$0
*RWau hardship grant is being disbursed monthly									
TOTAL FUNDS AFTER PROPOSED PROJECTS ARE FUNDED:									\$31,115,770
TOTAL FUNDS AFTER PROPOSED HS PROJECTS ARE FUNDED:									\$2,433,451
NOTES OF LOAN CLOSINGS SINCE LAST BOARD MEETING:									
Total Recent Loan Closings						\$0	\$0	\$0	\$0

DIVISION OF DRINKING WATER
FEDERAL SRF LOAN FUNDS
AS OF January 31, 2015

	Loan Funds 1st Round	Loan Payments			TOTAL
		2nd Round		Hardship Fund	
		Principal	Interest		
Federal Capitalization Grants and State 20% match thru 2013	\$176,135,881				
Earnings on Invested 1st Round Funds			1,152,329		
Repayments (including interest earnings on 2nd round receipts)		38,387,398	10,249,034	3,119,538	229,044,180
Less:					
Closed loans and grants	-176,135,881				-176,135,881
SUBTOTAL of Funds Available	\$0	\$38,387,398	\$11,401,363	\$3,119,538	\$52,908,299
Loans & Grants authorized but not yet closed or fully disbursed	-9,773,600	-3,330,000	0	-686,087	-13,789,687
SUBTOTAL of Funds Available less Authorized	-\$9,773,600	\$35,057,398	\$11,401,363	\$2,433,451	\$39,118,613
Future Estimates:					
Proposed Loans/Grants for current board package	-5,569,391			0	-5,569,391
SUBTOTAL of Funds Available less Proposed Loans & Grants	-\$15,342,991	\$35,057,398	\$11,401,363	\$2,433,451	\$33,549,222
PROJECTIONS THRU February-2016					
2015 Grant proceeds estimate (inc state match)	0				
2014 Grant \$9,000,000 less set-asides	6,829,460				
2014 State Match for Grant	1,845,800				
Projected repayments & revenue during the next twelve months		6,240,289	1,526,680	383,136	8,150,105
Projected annual investment earnings on invested cash balance		204,000	12,000	9,600	225,600
TOTAL	-\$6,667,731	\$41,501,687	\$12,940,043	\$2,826,187	\$50,600,186

Agenda Item 5(B)

December 31, 2014

Utah Federal SRF Program

Project Priority List

				Priority Points	Total Unmet Needs: \$239,789,235			Total Needs, incl. Recent funding \$261,402,235			Authorized \$210,785,090
	date	type	%Green		System Name	County	Pop.	ProjectTitle	Project Total	Request DWB	Funds Authorized
N				82.6	West Erda	Toole	158	Connect West Erda and Toele Airport to Erda Acres	\$1,801,331.00	1801331	
N				22.9	Taylor West Weber ID	Weber	6,927	3 MG tank, transmission line, new well	\$7,233,375.00	7144664	
N				22.5	White Hills Water	Utah	419	Waterline replacement, tank rehad, new PRV	\$1,047,168	1,047,168	
N				18.5	Ticaboo Utility Imp Dist	Garfield	83	New well pump and pump house	\$707,071	707,071	
N				18.4	Dutch John	Daggett	185	Tank repair, treatment upgrades, meters	\$361,313	331,313	
N				10.7	Plymouth	Box Elder	411	.5 MG tank	\$880,303	880,303	
A				75.8	Wooden Shoe Water Co.	Summit	76	Well, well house, tank	\$202,424	\$202,424	\$201,000
A				50.0	Boulder Farmstead	Garfiled	226	Waterline, spring upgrades and chlorination	\$2,000,000	\$2,000,000	\$2,000,000
A				47.4	Duchesne County	Duchesne	3,585	Supply line to 3 existing districts	\$22,000,000	\$4,000,000	\$4,000,000
A				37.2	Gunnison	Sanpete	3,285	New well, Tank, Chlorination bldg, waterlines	\$6,575,000	2,500,000	\$2,500,000
A				20.5	Forest Glen A	Salt Lake	58	Spring redevelopment, tank, waterline replacement	\$1,458,780	1,417,280	\$1,418,000
A				13.7	Greendale	Daggett	500	New Water treatment system, 50,000 gal tank	\$1,384,444	\$1,144,444	\$1,145,000
A				12.5	Bear River WCD- Collinston	Box Elder	50,104	1-MG tank, transmission line, pump station	\$3,400,000	\$3,300,000	\$3,600,000
A				8.9	Herriman	Salt Lake	24,000	New 3 MG tank and pump station	\$8,325,000	\$5,000,000	\$4,682,000
A				6.0	Sheep Creek HOA	Cache	75	New source and treatment	\$90,000	\$90,000	\$90,000
A				3.4	Pleasant View	Weber	6,500	New well and reservoir	\$2,326,263	\$2,126,263	\$1,977,000

- N = New Application
- A = Authorized
- P = Potential Project- no application
- E= Energy Efficiency
- W= Water Efficiency
- G= Green Infrastructure
- I= Environmentally Innovative

GREEN PROJECTS

EMERGENCY FUNDING

N			100	Trenton Town	Cache	466	Spring Re-development	\$401,150.00	\$241,150	
N			100	Mrble Hills	Box Elder	250	pump replacement	\$152,167.00	\$28,170	

POTENTIAL PROJECTS

P			125.2	Soldier Summit SSD-2nd home sub	Utah	33	waterline upgrade	\$530,303	\$530,303	
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December 31, 2014

Utah Federal SRF Program

Project Priority List

				Priority Points	Total Unmet Needs: \$239,789,235			Total Needs, incl. Recent funding \$261,402,235			Authorized \$210,785,090
	date	type	%Green		System Name	County	Pop.	ProjectTitle	Project Total	Request DWB	Funds Authorized
P				36.4	Santa Clara (on hold)	Washington	8,000	Waterline upgrades	\$6,419,202	\$6,354,202	
P				35.0	CUWCD-Utah Valley	Utah		Treatment plant upgrades	\$39,369,500	\$36,950,000	
P				24.4	Jordan Valley WCD	Salt Lake	82,500	Treatment	\$3,200,000		
P				20.0	Pinon Forest	Duchesne	n/a	New system- residents haul water	\$21,247,000		
P				17.9	Wendover	Tooele	1,600	Waterline upgrades	\$833,000		
P				17.5	Draper City	Salt Lake	15,000	Storage and distribution upgrades	\$35,789,000		
P				17.1	East Zion SSD	Kane	49	waterline	\$128,876	\$128,876	
P				16.4	Eastland SSD	San Juan	60	New well for back up purposes	\$500,000		
P				16.4	Neola	Duchesne	840	Waterline upgrades, storage, source improvements	\$3,607,592	\$3,607,592	
P				15.3	Newton Town	Cache	799	Spring rehabilitation, waterline upgrades	\$1,581,500		
P				15.3	South Rim Water	Tooele	264	Well equipment and house, new tank	\$600,000		
P				15.2	Midvalley Estates Water Company	Iron	700	Source, storage, distribution	\$500,000		
P				15.1	Syracuse	Davis	25,200	Waterline upgrades	\$1,589,756	\$1,589,756	
P				14.7	Central Waterworks Co.	Sevier	450	Storage and distribution upgrades	\$1,400,000		
P				14.0	Herriman	Salt Lake	18,431	Booster Pump, waterline	\$2,050,000		
P				13.7	Cornish Town	Cache	300	Connect to Lewiston, rehab well	\$1,226,263		
P				13.7	Morgan City	Morgan	3,250	Waterline upgrades	\$692,026		
P				13.5	Riverdale	Weber	8,200	New well and tank, waterline upgrades	\$2,050,000		
P				13.3	Richfield City	Sevier	7,111	System repairs	\$2,722,000		
P				13.0	Uintah City	Weber	1,300	Treatment	\$1,063,000		
P				12.8	Centerfield	Sanpete	1,200	New tank, upgrade waterlines	\$3,600,000		
P				12.6	Enterprise	Washington	1,500	New tank, upgrade waterlines	\$1,917,100		
P				12.6	Price River	Carbon	7,659	New tank, waterlines, treatment	\$2,750,000		
P				11.6	Manila Culinary Water Co.	Utah	2,450	Treatment and waterline upgrades	\$700,000		
P				11.6	Jordan Valley WCD	Salt Lake	82,500	Flouride facility, well equipping	\$3,694,000	\$2,000,000	
P				11.4	Pineview West Water Company	Weber	115	Telemetry system	\$25,000		
P				11.4	North Ogden City	Weber	15,000	Waterline upgrades	\$746,000	\$746,000	
P				11.3	Farmington	Davis	15,000	New well, new tank, waterline replacement	\$2,830,000		
P				10.7	Ogden City	Weber	77,000	Source rehabilitation, treatment plant upgrades	\$26,500,000		
P				10.7	High Valley Water Company	Summit	850	Waterline upgrades	\$1,000,000		
P				10.3	City of Monticello	San Juan	2,000	Storage and distribution upgrades	\$1,200,000		
P				9.8	Gorgoza	Summit	4,200	Waterline upgrades	\$1,000,000		
P				9.7	Moutain Regional SSD	Summit	6,700	Transmission line	\$600,000		
P				9.7	Benson Culinary Water District	Cache	743	New tank, waterline replacement	\$500,000		

December 31, 2014

Utah Federal SRF Program

Project Priority List

Authorized

Total Unmet Needs: \$239,789,235

Total Needs, incl. Recent funding \$261,402,235

\$210,785,090

	date	type	%Green	Priority Points	System Name	County	Pop.	ProjectTitle	Project Total	Request DWB	Funds Authorized
P				9.3	Mapleton City	Utah	7,300	Replace distribution lines	\$15,339,560		
P				9.2	Greendale Water Co.	Daggett	500	Treatment system	\$800,000		
P				9.1	Center Creek	Wasatch	200	Pump house and pump	\$80,000		
P				8.4	Nibley City	Cache	4,300	New tank	\$1,270,355		
P				8.3	Hurricane	Washington	8,000	Waterline replacement and new tank	\$5,047,899		
P				7.6	Harmony Farms Water User Assoc.	Washington	300	Waterline Replacement	\$3,000		
P				6.8	Hooper Water Improvement District	Weber	16,520	Storage, waterlines, treatment	\$2,887,000		
P				6.7	Centerville City	Davis	16,000	Replacement well, waterline upgrades	\$2,965,000		
P				6.1	Marble Hill Water Company	Box Elder	250	New storage tank	\$225,000		
P				4.5	Peterson Pipeline Association	Morgan	450	Source, storage, distribution	\$1,700,000		
P				4.5	Perry City	Box Elder	4,603	Source, storage, distribution	\$4,782,220		
P				3.9	Wolf Creek Country Club	Weber	2,000	Waterline	\$180,000		
P				3.4	Highland City	Utah	15,066	New well houses	\$650,000		

Agenda Item

5(C)(i)(a)

**DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION LOAN**

APPLICANT'S REQUEST:

The Grand Water and Sewer Service Agency (Grand Water) is requesting financial assistance in the amount of \$242,323 to replace faulty transmission lines to and from their 3-million gallon storage tank.

STAFF COMMENTS:

The local MAGI for Grand Water is \$30,300, which is 77% of the state's \$39,325 MAGI. Additionally, the estimated water bill is \$49.84, which is 1.97% of the local MAGI. Both of these conditions qualify Grand Water for additional subsidization. Grand Water has been proactive in developing a replacement reserve account, and has some funds available. However, considering that this is an emergency situation, and that Grand Water will likely have some need for infrastructure projects once their master plan is completed, staff is proposing the full 50% grant as allowed by the state funds so as to not deplete their reserve funds.

Staff would also like the Drinking Water Board to consider that due to the unique situation of Grand Water's low cost per connection, the difference between a 30 year loan versus a 5 year loan has a minimal effect on the resulting water bill, as summarized in the table below:

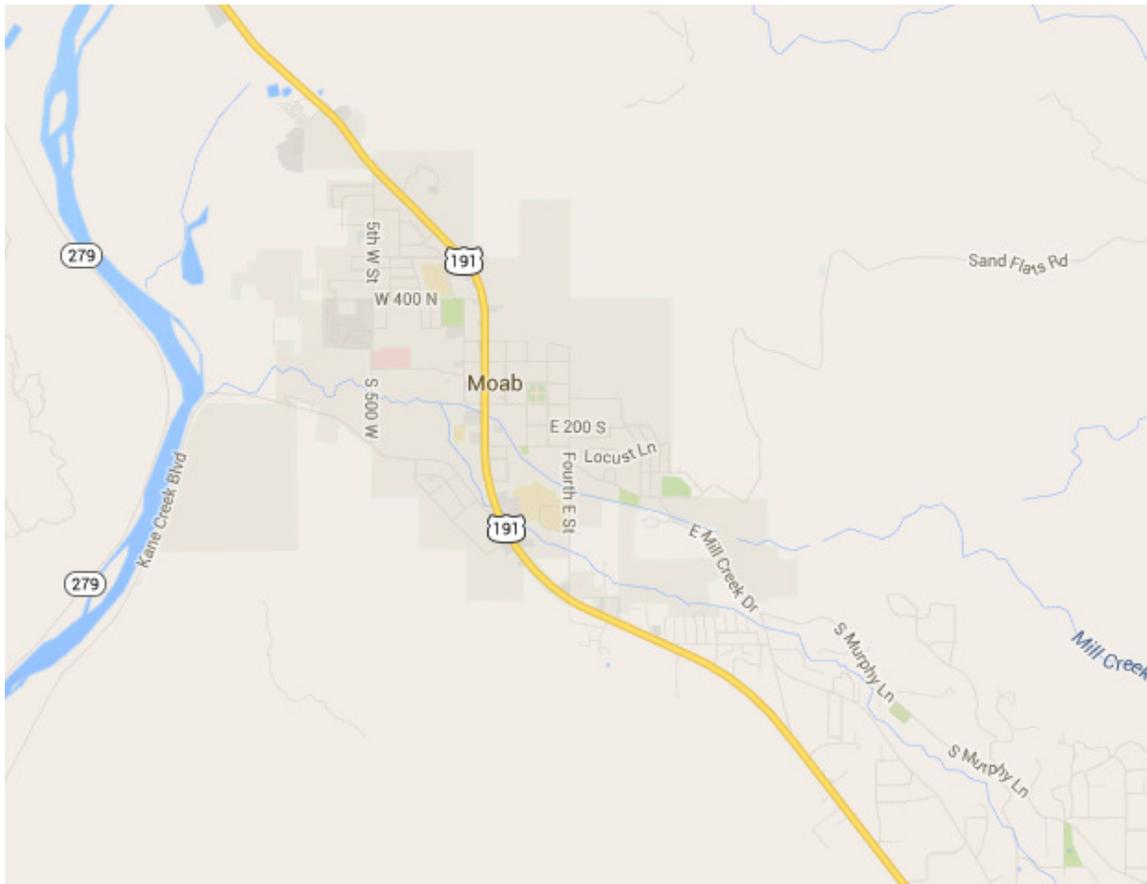
Loan term	Calculated Interest (%)	Annual Repayment	Water Bill	% of MAGI
5	1.39%	\$25,281.43	\$50.89	2.02%
10	1.68%	\$13,245.97	\$50.26	1.99%
30	2.08%	\$5,462.25	\$49.84	1.97%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize a construction loan of \$121,000 at 1.39% interest or fee per annum for 5 years, with an additional \$121,323 grant to the Grand Water and Sewer Service Agency.

APPLICANT'S LOCATION:

The Grand Water and Sewer Service Agency is located adjacent and south of Moab, UT.



PROJECT DESCRIPTION:

GWSSA intends to replace approximately 1,000 feet each of existing 14" and 16" culinary water line. The 14" line is the supply line that delivers water from a well to their 3 million gallon tank. The 16" line delivers water from the 3MG tank to the distribution system. In the past 18 months, the 16" line has had 2 major ruptures and the 14" line has had one. All of these ruptures have happened very near each other. It is believed that the second and third rupture likely caused due to the erosion caused around the pipe from the first rupture.

This project will replace a section of these two pipes in the area of the ruptures. In addition to installing the new pipes, the old pipes to be abandoned will be removed from the ground due to the restrictions of the existing easement with SITLA.

POPULATION GROWTH:

The engineer’s projection for growth is slightly lower than the DEA estimate from the Governor’s Office of Planning and Budget.

Year	DEA Projection	Engineer’s Projection
2014	3860	3750
2020	4310	4200
2030	4728	4618
2035	4905	4795

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization	February 2015
Commence Design	March 2015
Complete Design	April 2015
Receive DDW Plan Approval	April 2015
Advertise for Bids	April 2015
Bid Opening	April 2015
Loan Closing	May 2015
Begin Construction	May 2015
Complete Construction	June 2015
Receive DDW Operating Permit	July 2015

COST ESTIMATE:

Legal	\$10,00
Administrative	\$5,000
Engineering	\$39,000
Construction	\$216,000
Total Project Cost	\$272,323

COST ALLOCATION:

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Loan (1.93%, 5-yr)	\$121,000	44%
DWB Grant	\$121,323	45%
Applicant Contribution	<u>\$30,000</u>	<u>11%</u>
Total Amount	\$272,323	100%

CONTACT INFORMATION:

APPLICANT:

Grand Water and Sewer Service Agency
PO Box 1046
Moab, UT 84532
435-259-8121

PRESIDING OFFICIAL &
CONTACT PERSON:

Mark Sovine, Manager
PO Box 1046
Moab, UT 84532
435-259-8121 (phone)
435-259-8122 (fax)
mark@grandwater.org

CONSULTING ENGINEER:

Robert Worley
Sunrise Engineering, Inc.
25 East 500 North
Fillmore, UT 84631
435-743-6151
rworley@sunrise-eng.com

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Grand Water
 COUNTY: Grand
 PROJECT DESCRIPTION: Emergency Transmission Line Repair

FUNDING SOURCE: State SRF

50 % Loan & 50 % Grant

ESTIMATED POPULATION:	3,750	NO. OF CONNECTIONS:	1802 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	\$47.19 *			PROJECT TOTAL:	\$272,323
CURRENT % OF AGI:	1.87%	FINANCIAL PTS:	71	LOAN AMOUNT:	\$121,000
ESTIMATED MEDIAN AGI:	\$30,300			GRANT AMOUNT:	\$121,323
STATE AGI:	\$40,489			TOTAL REQUEST:	\$242,323
SYSTEM % OF STATE AGI:	75%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 4.79%		AFTER REPAYMENT PENALTY & POINTS 1.39%
<u>SYSTEM</u>				
ASSUMED LENGTH OF DEBT, YRS:	5	5		5
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	4.79%		1.39%
REQUIRED DEBT SERVICE:	\$24,200.00	\$27,785.91		\$25,218.43
*PARTIAL COVERAGE (15%):	\$0.00	\$0.00		\$0.00
*ADD. COVERAGE AND RESERVE (10%):	\$2,420.00	\$2,778.59		\$2,521.84
ANNUAL NEW DEBT PER CONNECTION:	\$14.77	\$16.96		\$15.39
O & M + FUNDED DEPRECIATION:	\$663,242.00	\$663,242.00		\$663,242.00
OTHER DEBT + COVERAGE:	\$357,260.00	\$357,260.00		\$357,260.00
REPLACEMENT RESERVE ACCOUNT:	\$52,235.10	\$52,414.40		\$52,286.02
ANNUAL EXPENSES PER CONNECTION:	\$595.30	\$595.40		\$595.33
TOTAL SYSTEM EXPENSES	\$1,099,357.10	\$1,103,480.90		\$1,100,528.29
TAX REVENUE:	\$0.00	\$0.00		\$0.00
<u>RESIDENCE</u>				
MONTHLY NEEDED WATER BILL:	\$50.84	\$51.03		\$50.89
% OF ADJUSTED GROSS INCOME:	2.01%	2.02%		2.02%

* Equivalent Residential Connections

R309-700-5

Grand Water
Grand
January 15, 2015

TABLE 2 FINANCIAL CONSIDERATIONS

	POINTS	
1. COST EFFECTIVENESS RATIO (SELECT ONE)		
A. Project cost \$0 to \$500 per benefitting connection	16	X
B. \$501 to \$1,500	14	
C. \$1,501 to \$2,000	11	
D. \$2,001 to \$3,000	8	
E. \$3,001 to \$5,000	4	
F. \$5,001 to \$10,000	1	
G. Over \$10,000	0	
	\$151	
2. CURRENT LOCAL MEDIAN ADJUSTED GROSS INCOME (AGI) (SELECT ONE)		
A. Less than 70% of State Median AGI	19	
B. 71 to 80% of State Median AGI	16	X
C. 81 to 95% of State Median AGI	13	
D. 96 to 110% of State Median AGI	9	
E. 111 to 130% of State Median AGI	6	
E. 131 to 150% of State Median AGI	3	
F. Greater than 150% of State Median AGI	0	
	75%	
3. PROJECT FUNDING CONTRIBUTED BY APPLICANT (SELECT ONE)		
a. Greater than 25% of project funds	17	
b. 15 to 25% of project funds	14	
c. 10 to 15% of project funds	11	X
c. 5 to 10% of project funds	8	
d. 2 to 5% of project funds	4	
e. Less than 2% of project funds	0	
	11.0%	
4. ABILITY TO REPAY LOAN		
4. WATER BILL (INCLUDING TAXES) AFTER PROJECT IS BUILT RELATIVE TO LOCAL MEDIAN ADJUSTED GROSS INCOME (SELECT ONE)		
a. Greater than 2.50% of local median AGI	16	
b. 2.01 to 2.50% of local median AGI	12	X
c. 1.51 to 2.00% of local median AGI	8	
d. 1.01 to 1.50% of local median AGI	3	
e. 0 to 1.00% of local median AGI	0	
	2.02%	
5. SPECIAL INCENTIVE POINTS Applicant: (Mark all that apply)		
A. has a replacement fund receiving annual deposits of 5% of the system's drinking water budget been established, and has already accumulated a minimum of 10% of said annual DW budget in this reserve fund.	5	X
B. Has a replacement fund equal to at least 15% or 20% of annual DW budget.	5	X
C. Is creating or enhancing a regionalization plan	16	
D. Has a rate structure encouraging conservation	6	X
TOTAL POINTS FOR FINANCIAL NEED	71	
TOTAL POSSIBLE POINTS FOR FINANCIAL NEED	100	

Grand Water

PROPOSED BOND REPAYMENT SCHEDULE

50 % Loan & 50 % Grant

PRINCIPAL	\$121,000.00	ANTICIPATED CLOSING DATE	15-May-15
INTEREST	1.39%	FIRST P&I PAYMENT DUE	31-Dec-15
TERM	5	REVENUE BOND	
NOMIN. PAYMENT	\$25,218.43	PRINC PREPAID:	\$0.00

YEAR	BEGINNING BALANCE	DATE OF PAYMENT	PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	PAYM NO.
2015	\$121,000.00		\$25,681.90	\$24,000.00	\$1,681.90	\$97,000.00	1
2016	\$97,000.00		\$25,348.30	\$24,000.00	\$1,348.30	\$73,000.00	2
2017	\$73,000.00		\$25,014.70	\$24,000.00	\$1,014.70	\$49,000.00	3
2018	\$49,000.00		\$24,681.10	\$24,000.00	\$681.10	\$25,000.00	4
2019	\$25,000.00		\$25,347.50	\$25,000.00	\$347.50	\$0.00	5
			\$125,447.46	\$121,000.00	\$4,447.46		

*Interest Only Payment

Grand Water

DWB Loan Terms

Local Share (total):	\$	30,000
Other Agency Funding:	\$	-
DWB Grant Amount:	\$	121,323
DWB Loan Amount:	\$	121,000
DWB Loan Term:		5
DWB Loan Interest:		1.39%
DWB Loan Payment:	\$	25,218

DW Expenses (Estimated)

Proposed Facility Capital Cost:	\$	272,323
Existing Facility O&M Expense:	\$	663,242
Proposed Facility O&M Expense:	\$	663,242
O&M Inflation Factor:		1.0%
Existing Debt Service:	\$	357,260

DW Revenue Sources (Projected)

Beginning Cash:	\$	-
Existing Customers (ERC):		1,802
Projected Growth Rate:		1.0%
Impact Fee/Connection Fee:	\$	2,089
Current Monthly User Charge:	\$	47.19
Needed Average Monthly User Charge:	\$	50.89

DW Revenue Projections

Yr	Growth Rate (%)	Annual Growth (ERC)	Total Users (ERC)	User Charge Revenue	Impact Fee Revenue	Property Tax Revenue	Total Revenue	DWB Loan Repayment	DWB Loan Reserves	Remaining Principal	Principal Payment	Interest Payment	Existing		Total Expenses	Debt Service Ratio	
													DW Debt Service	O&M Expenses			
1	1.0%	18	1,820	1,111,521	37,602	-	1,149,123	25,682	-	97,000	24,000	1,682	357,260	663,242	1,046,184	1.27	
2	1.0%	18	1,838	1,122,514	37,602	-	1,160,116	25,348	-	73,000	24,000	1,348	357,260	669,874	1,052,483	1.28	
3	1.0%	19	1,857	1,134,118	39,691	-	1,173,809	25,015	-	49,000	24,000	1,015	357,260	676,573	1,058,848	1.30	
4	1.0%	18	1,875	1,145,111	37,602	-	1,182,713	24,681	-	25,000	24,000	681	357,260	683,339	1,065,280	1.31	
5	1.0%	19	1,894	1,156,715	39,691	-	1,196,406	25,348	-	-	25,000	348	357,260	690,172	1,072,780	1.32	
Total Paid in Debt Service =											121,000	5,074					

Sunrise Engineering Inc.

25 East 500 North
Fillmore, Utah
Tel: (435) 743-6151
Fax: (435) 743-7900

GWSSA

ENGINEER'S OPINION OF PROBABLE COST

14" and 16" Water Pipeline Replacement

	Item Description	Qty.	Units	Unit Price	Amount
1	Mobilization	1	L.S.	12,000.00	\$ 12,000.00
2	Subsurface Investigation	8	Hours	150.00	\$ 1,200.00
3	Pre-Construction Video of Construction Site	1	L.S.	500.00	\$ 500.00
4	14" AWWA C905 PVC DR 18 Pipe and Fittings	1000	Ln. Ft.	50.00	\$ 50,000.00
5	16" AWWA C905 PVC DR 18 Pipe and Fittings	1000	Ln. Ft.	65.00	\$ 65,000.00
6	Import Pipe Bedding	2000	Ln. Ft.	2.00	\$ 4,000.00
7	3" Combination Air Valve	2	Each	7,400.00	\$ 14,800.00
8	Remove Existing 14" and 16" Pipe (SITLA Req.)	2000	Ln. Ft.	12.00	\$ 24,000.00
9	Imported Trench Backfill (Road Crossings)	50	Ln. Ft.	50.00	\$ 2,500.00
10	Untreated Base Course	125	Ton	20.00	\$ 2,500.00
11					
12					
13					
14					
Subtotal Construction Cost					\$ 176,500.00
Contingency					\$ 39,500.00
Total Construction Cost					\$ 216,000.00
Professional Services					
a	Administration / Preliminary	1	L.S.	5,000.00	\$ 5,000.00
b	Engineering Design	1	L.S.	16,000.00	\$ 16,000.00
c	Bidding Negotiating & Quality Control and Inspection	1	L.S.	23,000.00	\$ 23,000.00
d	Design Survey	1	L.S.	NA	NA
e	Cultural Survey	1	L.S.	NA	NA
f	Environmental Assessment	1	L.S.	NA	NA
g	Easement Prep/Purchase	1	L.S.	NA	NA
Total Non Construction Services Cost					\$ 44,000.00
TOTAL PROJECT COST					\$ 260,000.00

Utah Department of Environmental Quality

Division of Drinking Water

Public Water System IPS Report

UTAH10023 GRAND WATER AND SEWER AGENCY

Run Date:
01/20/2015 07:56 am

PWS ID: UTAH10023 **Name:** GRAND WATER AND SEWER AGENCY

Legal Contact: GRAND WATER AND SEWER SERVICE, **Rating:** Approved
 MARK KENT SOVINE **Rating Date:** 06/08/1987

Address: PO BOX 1046 **Activity Status:** A
 MOAB, UT 84532

Phone Number: 435-259-8121

City Served (Area): **Consumptive Use Zone**
County: GRAND COUNTY Irrigation Zone Number: 4 02/15/2013

System Type: Community **Last Inv Update:** 12/05/2013
Population: 3,500 **Last Snty Srv Dt:** 08/28/2013
 Surveyor: DAVID ARIOTTI
 Oper Period: 1/1 to 12/31

Total IPS Points: -20 **Rating Date:** 06/08/1987 **Rating:** **Approved**

Admin & Physical Facilities: -10
*** Quality & Monitoring Violations:** 0
Operator Certification: -10

* Total Admin & Physical Facilities demerit points may not agree with the detail section. The detail section shows all 'open' physical deficiencies; the Total Admin & Physical Facilities value adjusts for duplicate deficiencies

Physical Facility, Administrative, & Source Protection Deficiencies from Site Visits

Facility	Activity Status	Severity	Date Determined	Point Not Effective	Point Effective
Code Description					
M001 CURRENT EMERGENCY RESPONSE PROGRAM					
	REC		7/30/2001		-10
THE WATER SYSTEM IS CREDITED WITH AN EMERGENCY RESPONSE PLAN					
Total Admin & Physical Facility Deficiency					-10

Operator Certification Points

	Distribution	Treatment	
Level Required	D2		
Highest Certificate on Record	D3		
Points	-10	0	Total Points -10

Compliance Schedules

Type	Required Activities	Severity	Date Created	Due Date	Achieved Date
Complete Lead Copper Notice	Submit Lead/Copper Certification Notice to DDW		06/01/2014	12/29/2014	

Agenda Item

5(C)(i)(b)

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION LOAN

APPLICANT'S REQUEST:

Plymouth Town is requesting financial assistance in the amount of \$880,000 to construct a new 500,000 gallon water tank. During the summer months, Plymouth's water demand during the peak hours has drained their existing water tanks on multiple occasions.

STAFF COMMENTS:

The local MAGI for Plymouth Town is \$43,284 which is 107% of the State MAGI. They currently have a water bill of approximately \$24.94 per month, which is 0.69% of local MAGI. Due to Plymouth Town's high MAGI and low water bill relative to its MAGI the town doesn't qualify for grant. A loan of \$880,000 for 20 years with a 3.29% interest rate would require the Town to maintain an average water bill of \$51.38, 1.42% of local MAGI.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize an \$880,000 construction loan to the Town of Plymouth with a 3.29% interest/fee per annum, for 20 years, with the condition that they resolve all issues on their compliance report.

APPLICANT'S LOCATION:

Plymouth Town is located in Box Elder County.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

Plymouth Town proposes to construct a new 500,000 gallon water tank. During the summer months, Plymouth's water demand during the peak hours has drained their existing water tanks on multiple occasions. During this time, if there were to be a fire, Plymouth would not have adequate water. A new 500,000 gallon water tank would provide the adequate water storage and fire protection to meet the needs of the City. The project will include building a new 500,000 gallon water tank adjacent to the existing water tanks which have a capacity of 240,000 gallons.

POPULATION GROWTH:

According to the Utah State Governor's Office of Planning and Budgeting, the anticipated growth rate for Plymouth Town is approximately 1.5 % per year over the next 20 years.

	<u>Year</u>	<u>Population</u>
Current:	2014	411
Projected:	2030	553

IMPLEMENTATION SCHEDULE:

Apply to DWB for Construction Funds:	November 25, 2014
SRF Committee Conference Call:	January 28, 2015
DWB Funding Authorization:	February 26, 2015
Complete Design:	May 1, 2015
Plan Approval:	June 1, 2015
Advertise for Bids:	June 15, 2015
Bid Opening:	July 15, 2015
Loan Closing:	July 20, 2015
Begin Construction:	August 1, 2015
Complete Construction:	October 30, 2015
Receive Operating Permit:	December 1, 2015

COST ESTIMATE:

Legal and Bonding	\$14,500
Administrative- Environmental	\$15,000
Administrative- Funding Assistance	\$5,000
Engineering- Design	\$55,000
Engineering- CMS	\$62,000
Engineering- Geotechnical	\$9,000
Construction-Storage Tank	\$596,000
Contingency	\$90,000
Land Acquisition	\$25,000
Loan Origination Fee 1%	\$8,715
Total Project Cost	\$880,000

COST ALLOCATION:

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Loan (0%, 20-yr)	\$880,000	100%
DWB Grant	\$0	0%
Total Amount	\$880,000	100%

ESTIMATED ANNUAL COST OF WATER SERVICE:

Operation and Maintenance plus Depreciation: \$51,111.00
Existing DW Debt Service: \$0
DDW Debt Service (3.29%, 20-yrs): \$60,747.07
DDW Debt Reserve: \$6,074.71
Replacement Reserve Account: \$2,800.00
Annual Cost/ERC: \$346.73
Monthly Cost/ERC: \$51.38
Cost as % MAGI: 1.42%

APPLICANT: Plymouth Town
20120 North 5200 West
P.O. Box 130
Plymouth, Utah 84330
plytown@digis.net
435-239-8389

PRESIDING OFFICIAL &
CONTACT PERSON: Curtis Murray-Mayor
20120 North 5200 West
P.O. Box 130
Plymouth, Utah 84330
plytown@digis.net
435-239-8389

TREASURER/RECORDER: Sharon Hess
435-788-8343
plytown@digis.net
435-239-8389

CONSULTING ENGINEER: Ryan Jolley
Jones & Demille Engineering, Inc.
1535 South 100 West
Richfield, Utah 84701
435-896-8266
ryanj@jonesanddemille.com

FINANCIAL CONSULTANT: Scott Archibald, P.E
Sunrise Engineering
26 South Main
Smithfield, Utah 84335
435-563-3734
sarchibald@sunrise-eng.com

BOND ATTORNEY: None Specified

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Plymouth
 COUNTY: Box Elder
 PROJECT DESCRIPTION: Storage Tank

FUNDING SOURCE: State SRF

100 % Loan & 0 % Grant

ESTIMATED POPULATION:	411	NO. OF CONNECTIONS:	219 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	\$24.94 *			PROJECT TOTAL:	\$880,000
CURRENT % OF AGI:	0.69%	FINANCIAL PTS:	32	LOAN AMOUNT:	\$880,000
ESTIMATED MEDIAN AGI:	\$43,284			GRANT AMOUNT:	\$0
STATE AGI:	\$40,489			TOTAL REQUEST:	\$880,000
SYSTEM % OF STATE AGI:	107%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 4.39%		AFTER REPAYMENT PENALTY & POINTS 3.29%
<u>SYSTEM</u>				
ASSUMED LENGTH OF DEBT, YRS:	20	20		20
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	4.39%		3.29%
REQUIRED DEBT SERVICE:	\$44,000.00	\$67,007.72		\$60,747.07
*PARTIAL COVERAGE (15%):	\$6,600.00	\$10,051.16		\$9,112.06
*ADD. COVERAGE AND RESERVE (10%):	\$4,400.00	\$6,700.77		\$6,074.71
ANNUAL NEW DEBT PER CONNECTION:	\$251.14	\$382.46		\$346.73
O & M + FUNDED DEPRECIATION:	\$51,111.00	\$51,111.00		\$51,111.00
OTHER DEBT + COVERAGE:	\$7,993.75	\$7,993.75		\$7,993.75
REPLACEMENT RESERVE ACCOUNT:	\$0.00	\$0.00		\$0.00
ANNUAL EXPENSES PER CONNECTION:	\$269.88	\$269.88		\$269.88
TOTAL SYSTEM EXPENSES	\$114,104.75	\$142,864.40		\$135,038.59
TAX REVENUE:	\$0.00	\$0.00		\$0.00
<u>RESIDENCE</u>				
MONTHLY NEEDED WATER BILL:	\$43.42	\$54.36		\$51.38
% OF ADJUSTED GROSS INCOME:	1.20%	1.51%		1.42%

* Equivalent Residential Connections

R309-700-5

Plymouth
Box Elder
January 15, 2015

TABLE 2 FINANCIAL CONSIDERATIONS

	POINTS	
1. COST EFFECTIVENESS RATIO (SELECT ONE)		
A. Project cost \$0 to \$500 per benefitting connection	16	
B. \$501 to \$1,500	14	
C. \$1,501 to \$2,000	11	
D. \$2,001 to \$3,000	8	
E. \$3,001 to \$5,000	4	X
F. \$5,001 to \$10,000	1	
G. Over \$10,000	0	
	\$4,018	
2. CURRENT LOCAL MEDIAN ADJUSTED GROSS INCOME (AGI) (SELECT ONE)		
A. Less than 70% of State Median AGI	19	
B. 71 to 80% of State Median AGI	16	
C. 81 to 95% of State Median AGI	13	
D. 96 to 110% of State Median AGI	9	X
E. 111 to 130% of State Median AGI	6	
E. 131 to 150% of State Median AGI	3	
F. Greater than 150% of State Median AGI	0	
	107%	
3. PROJECT FUNDING CONTRIBUTED BY APPLICANT (SELECT ONE)		
a. Greater than 25% of project funds	17	
b. 15 to 25% of project funds	14	
c. 10 to 15% of project funds	11	
c. 5 to 10% of project funds	8	
d. 2 to 5% of project funds	4	
e. Less than 2% of project funds	0	X
	0.0%	
4. ABILITY TO REPAY LOAN		
4. WATER BILL (INCLUDING TAXES) AFTER PROJECT IS BUILT RELATIVE TO LOCAL MEDIAN ADJUSTED GROSS INCOME (SELECT ONE)		
a. Greater than 2.50% of local median AGI	16	
b. 2.01 to 2.50% of local median AGI	12	
c. 1.51 to 2.00% of local median AGI	8	
d. 1.01 to 1.50% of local median AGI	3	X
e. 0 to 1.00% of local median AGI	0	
	1.42%	
5. SPECIAL INCENTIVE POINTS Applicant: (Mark all that apply)		
A. has a replacement fund receiving annual deposits of 5% of the system's drinking water budget been established, and has already accumulated a minimum of 10% of said annual DW budget in this reserve fund.	5	X
B. Has a replacement fund equal to at least 15% or 20% of annual DW budget.	5	X
C. Is creating or enhancing a regionalization plan	16	
D. Has a rate structure encouraging conservation	6	X
TOTAL POINTS FOR FINANCIAL NEED	32	
TOTAL POSSIBLE POINTS FOR FINANCIAL NEED	100	

Plymouth

PROPOSED BOND REPAYMENT SCHEDULE

100 % Loan & 0 % Grant

PRINCIPAL	\$880,000.00	ANTICIPATED CLOSING DATE	15-Mar-15
INTEREST	3.29%	FIRST P&I PAYMENT DUE	15-May-16
TERM	20	REVENUE BOND	
NOMIN. PAYMENT	\$60,747.07	GRANT AMOUNT:	\$0.00

YEAR	BEGINNING BALANCE	DATE OF PAYMENT	PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	PAYM NO.
2015	\$880,000.00		\$4,825.33 *	\$0.00	\$4,825.33	\$880,000.00	0
2016	\$880,000.00		\$60,952.00	\$32,000.00	\$28,952.00	\$848,000.00	1
2017	\$848,000.00		\$60,899.20	\$33,000.00	\$27,899.20	\$815,000.00	2
2018	\$815,000.00		\$60,813.50	\$34,000.00	\$26,813.50	\$781,000.00	3
2019	\$781,000.00		\$60,694.90	\$35,000.00	\$25,694.90	\$746,000.00	4
2020	\$746,000.00		\$60,543.40	\$36,000.00	\$24,543.40	\$710,000.00	5
2021	\$710,000.00		\$60,359.00	\$37,000.00	\$23,359.00	\$673,000.00	6
2022	\$673,000.00		\$61,141.70	\$39,000.00	\$22,141.70	\$634,000.00	7
2023	\$634,000.00		\$60,858.60	\$40,000.00	\$20,858.60	\$594,000.00	8
2024	\$594,000.00		\$60,542.60	\$41,000.00	\$19,542.60	\$553,000.00	9
2025	\$553,000.00		\$61,193.70	\$43,000.00	\$18,193.70	\$510,000.00	10
2026	\$510,000.00		\$60,779.00	\$44,000.00	\$16,779.00	\$466,000.00	11
2027	\$466,000.00		\$60,331.40	\$45,000.00	\$15,331.40	\$421,000.00	12
2028	\$421,000.00		\$60,850.90	\$47,000.00	\$13,850.90	\$374,000.00	13
2029	\$374,000.00		\$60,304.60	\$48,000.00	\$12,304.60	\$326,000.00	14
2030	\$326,000.00		\$60,725.40	\$50,000.00	\$10,725.40	\$276,000.00	15
2031	\$276,000.00		\$61,080.40	\$52,000.00	\$9,080.40	\$224,000.00	16
2032	\$224,000.00		\$60,369.60	\$53,000.00	\$7,369.60	\$171,000.00	17
2033	\$171,000.00		\$60,625.90	\$55,000.00	\$5,625.90	\$116,000.00	18
2034	\$116,000.00		\$60,816.40	\$57,000.00	\$3,816.40	\$59,000.00	19
2035	\$59,000.00		\$60,941.10	\$59,000.00	\$1,941.10	(\$0.00)	20
			\$1,219,648.63	\$880,000.00	\$339,648.63		

*Interest Only Payment

Plymouth

DWB Loan Terms

Local Share (total):	\$	-
Other Agency Funding:	\$	-
DWB Grant Amount:	\$	-
DWB Loan Amount:	\$	880,000
DWB Loan Term:		20
DWB Loan Interest:		3.29%
DWB Loan Payment:	\$	60,747

DW Expenses (Estimated)

Proposed Facility Capital Cost:	\$	888,800
Existing Facility O&M Expense:	\$	35,124
Proposed Facility O&M Expense:	\$	35,124
O&M Inflation Factor:		1.0%
Existing Debt Service:	\$	6,395

DW Revenue Sources (Projected)

Beginning Cash:	\$	-
Existing Customers (ERC):		219
Projected Growth Rate:		1.0%
Impact Fee/Connection Fee:	\$	5,000
Current Monthly User Charge:	\$	24.94
Needed Average Monthly User Charge:	\$	51.38

DW Revenue Projections

Yr	Growth Rate (%)	Annual Growth (ERC)	Total Users (ERC)	User Charge Revenue	Impact Fee Revenue	Property Tax Revenue	Total Revenue	DWB Loan Repayment	DWB Loan Reserves	Remaining Principal	Principal Payment	Interest Payment	Existing DW Debt Service	O&M Expenses	Total Expenses	Debt Service Ratio
0	1.0%	2	219	65,554	10,000	-	75,554	-	-	880,000	-	-	6,395	35,124	41,519	-
1	1.0%	2	221	136,272	10,000	-	146,272	60,952	6,075	848,000	32,000	28,952	6,395	35,124	108,546	1.65
2	1.0%	2	223	137,505	10,000	-	147,505	60,899	6,075	815,000	33,000	27,899	6,395	35,475	108,844	1.66
3	1.0%	3	226	139,355	15,000	-	154,355	60,814	6,075	781,000	34,000	26,814	6,395	35,830	109,113	1.76
4	1.0%	2	228	140,588	10,000	-	150,588	60,695	6,075	746,000	35,000	25,695	6,395	36,188	109,353	1.71
5	1.0%	2	230	141,821	10,000	-	151,821	60,543	6,075	710,000	36,000	24,543	6,395	36,550	109,563	1.72
6	1.0%	2	232	143,055	10,000	-	153,055	60,359	6,075	673,000	37,000	23,359	6,395	36,916	109,744	1.74
7	1.0%	3	235	144,904	15,000	-	159,904	61,142	6,075	634,000	39,000	22,142	6,395	37,285	110,896	1.82
8	1.0%	2	237	146,138	10,000	-	156,138	60,859	6,075	594,000	40,000	20,859	6,395	37,658	110,986	1.76
9	1.0%	3	240	147,987	15,000	-	162,987	60,543	6,075	553,000	41,000	19,543	6,395	38,034	111,047	1.87
10	1.0%	2	242	149,221	10,000	-	159,221	61,194	6,075	510,000	43,000	18,194	6,395	38,415	112,078	1.79
11	1.0%	2	244	150,454	10,000	-	160,454	60,779	6,075	466,000	44,000	16,779	6,395	38,799	105,973	1.81
12	1.0%	3	247	152,304	15,000	-	167,304	60,331	6,075	421,000	45,000	15,331	6,395	39,187	105,913	1.92
13	1.0%	2	249	153,537	10,000	-	163,537	60,851	6,075	374,000	47,000	13,851	6,395	39,579	106,825	1.84
14	1.0%	3	252	155,387	15,000	-	170,387	60,305	6,075	326,000	48,000	12,305	6,395	39,974	106,674	1.96
15	1.0%	2	254	156,620	10,000	-	166,620	60,725	6,075	276,000	50,000	10,725	6,395	40,374	107,495	1.88
16	1.0%	3	257	158,470	15,000	-	173,470	61,080	6,075	224,000	52,000	9,080	6,395	40,778	108,253	1.97
17	1.0%	2	259	159,703	10,000	-	169,703	60,370	6,075	171,000	53,000	7,370	6,395	41,186	107,950	1.92
18	1.0%	3	262	161,553	15,000	-	176,553	60,626	6,075	116,000	55,000	5,626	6,395	41,598	108,618	2.01
19	1.0%	3	265	163,403	15,000	-	178,403	60,816	6,075	59,000	57,000	3,816	6,395	42,013	109,225	2.03
20	1.0%	2	267	164,636	10,000	-	174,636	60,941	6,075	-	59,000	1,941	6,395	42,434	109,770	1.96

Total Paid in Debt Service = 880,000 334,823

Agenda Item

5(C)(ii)(a)

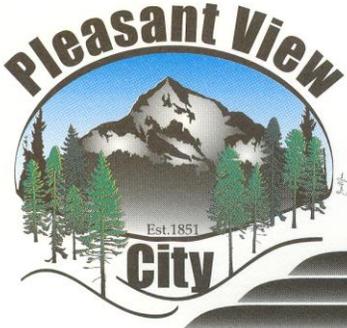
**DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION LOAN**

BACKGROUND:

On January 17, 2014, the Board authorized a loan of \$1,977,000 to Pleasant View City with an interest rate of 3.65% for 15 years to drill a new well and construct a 500,000 gallon storage tank. Because of increased costs associated with Davis-Bacon and Buy American provisions, the City has determined that the best course of action is to fund this project on the public market. A letter to the Board is attached.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board deauthorize the \$1,977,000 loan to Pleasant View City with an interest rate of 3.65% for 15 years.



520 W. Elberta Dr.
Pleasant View, Ut 84414
Main Office (801) 782-8529
Police Dept. (801) 782-6736

December 29, 2014

Rich Peterson, P.E.
State SRF Program Coordinator
Utah State Division of Drinking Water
195 North 1950 West
Salt Lake City, Utah

RE: Declination of Loan Funds for Culinary Water Well and Reservoir

Dear Mr. Peterson:

Pleasant View City wishes to express our sincere appreciation of the time and effort you and your staff spent on our 2013 application for funding. The City was pleased to be awarded a low interest rate loan through the state. However, we would like to let you know we will not be utilizing the State's funding.

Unfortunately, when we applied for the loan, the City wasn't aware the monies were federal dollars. The federal funding source has requirements, such as Davis Bacon wages and Buy America. Though these programs are can be beneficial, the drawback is their potential to increase the City's overall project costs, and thereby bond amounts, by as much as 25%. In January of this year, when the City was made aware of the federal programs, our financial adviser compiled several scenarios which we analyzed in depth. After examining various options, the City felt that the greatest use of bonded funds would be to construct the project without the increased costs due to the federal requirements. The City will save citizens money by bonding for a lesser dollar amount, even at a higher interest rate.

Moreover, the open market gave the City the flexibility to have callable bonds, adjustable rates, and other options the State couldn't offer.

Last but not least, going through the private market to secure funding allows us to have flexibility on timing with bond closing. The City understood that the state would have required us to close on bonds prior to bids closing on the project. This timing would leave the city vulnerable to bonding for either too little or not enough funds. Going with a private bank ensures we bond for the accurate amount, as we can schedule bond closing after bids are opened.

Again, we greatly appreciate the process, the time of drinking water staff, time of the Funding Assistance Committee and your patience as we determined which funding approach was the best for our city.

If you have any questions, please contact the City at (801) 782-8529.

Sincerely,

A handwritten signature in cursive script that reads "Melinda Greenwood". The signature is written in black ink and is positioned above the printed name.

Melinda Greenwood
City Administrator

Agenda Item

5(C)(ii)(b)

DRINKING WATER BOARD
BOARD PACKET FOR DE-AUTHORIZATION OF CONSTRUCTION LOAN

APPLICANT'S REQUEST:

Sheep Creek Cove HOA received authorization for a \$90,000.00 construction loan at 4.82% interest for 20 years at the January 2014 Drinking Water Board Meeting. The additional overhead and administrative requirements associated with the funds were too significant for the water system so they have decided to find funds elsewhere.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board de-authorize the \$90,000 construction loan to Sheep Creek Cove HOA.

Sheep Creek Cove
Homeowners Assn. Inc.
4602 W 4950 S
Hooper, UT 84315
January 13, 2015

Jesse Johnson
Utah Division of Drinking Water
State of Utah - Dept of Environmental Quality
P.O. Box 144830
Salt Lake City, Utah 84114-4830

Dear Jesse:

This is to officially notify your department that Sheep Creek Cove Homeowners Assn., Inc. will not be using the funding that was authorized for the new well and treatment facility. Please inform the Drinking Water Board know that we will find funds elsewhere.

The overhead costs and administrative requirements were too significant for a project this small in nature. We do appreciate the Board making the funds available and hope this will not jeopardize any future assistance we may need.

Sincerely,

/s/

David Prevedel, Director

Agenda Item

5(C)(ii)(c)

**DRINKING WATER BOARD
PACKET FOR CONSTRUCTION LOAN**

APPLICANT'S REQUEST:

Taylor-West Weber Water Improvement District (TWWWID) is requesting funding in the amount of \$7,636,391 to drill and equip a new well, construct a 3-million gallon storage tank and add approximately 12,000 feet of transmission and distribution lines. TWWWID scored 22.9 points on the project priority list and will contribute \$88,711 to the project.

STAFF COMMENTS:

This project will help alleviate pressure and demand issues within the system. Taylor-West Weber WID has a local MAGI of \$31,991, which is approximately 79% of the State's MAGI of \$40,489. Additionally the cost of the project would result in a water bill of \$50.91, which is 1.91% of the local MAGI. Therefore the WID qualifies for additional subsidization.

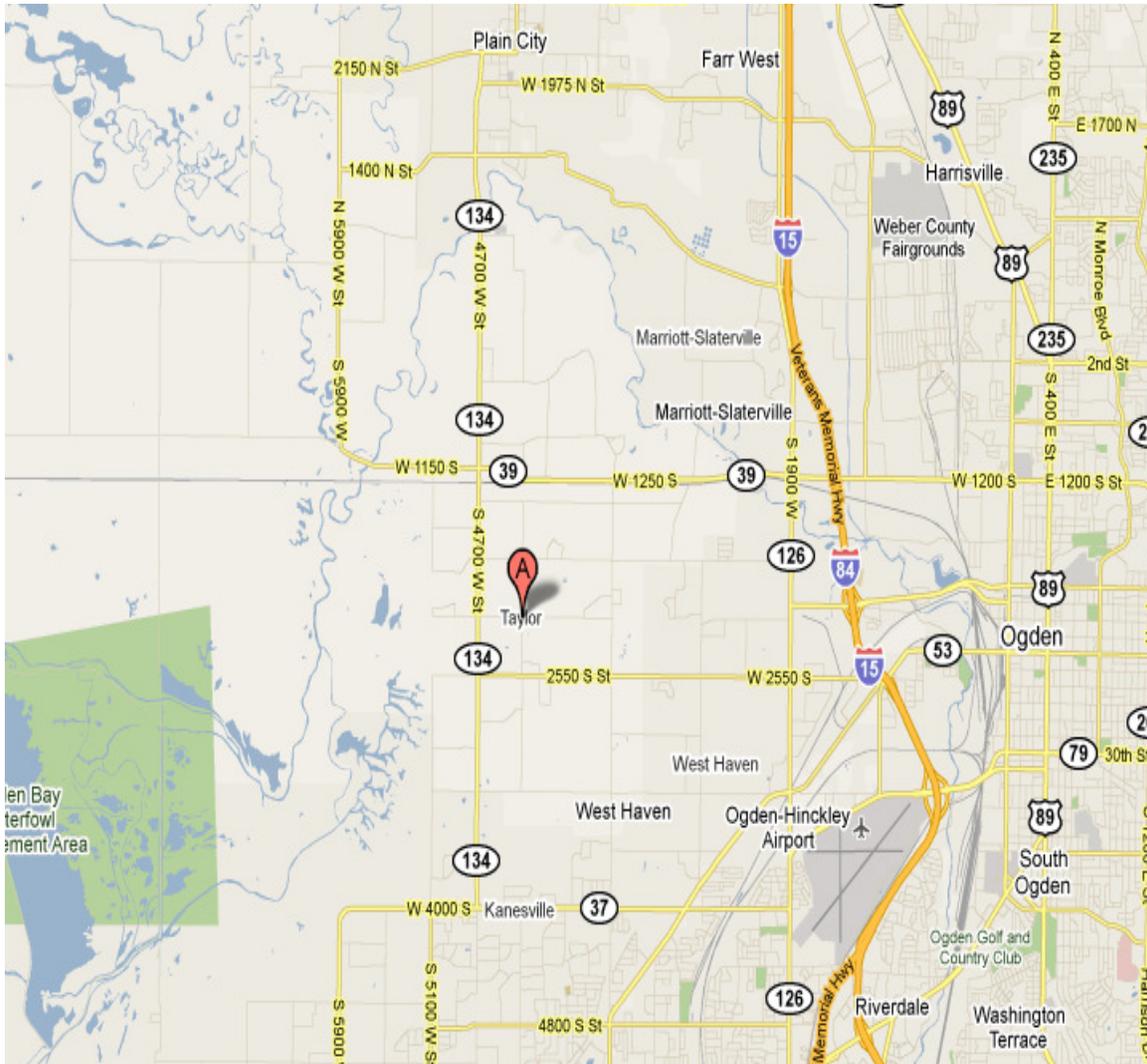
FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize a \$6,091,000 construction loan at 2.26% interest or fee per annum for 30 years with an additional \$1,545,391 in principal forgiveness to the Taylor-West Weber Water Improvement District.

APPLICANT'S LOCATION:

Taylor – West Weber WID is located in Weber County and Serves portions of West Haven, Hooper, and unincorporated portions of Weber county west of I-15

MAP OF APPLICANT'S LOCATION:



PLANNING DESCRIPTION/SCOPE OF WORK:

The District is in immediate need of additional source delivery capacity. The new well (the "900 S Well") would be constructed on District-owned property. A PER has been completed and approved pending engineering review and approval. The current funding application would fund design and construction of the well. The associated wellhouse will be equipped with a backup generator and chlorine generator or other means of disinfection.

A new 3 MG steel tank will be constructed on property owned by the District. The new tank's overflow will be approximately 33 feet higher than the existing tank's overflow, which will result in a system pressure increase of approximately 14 PSI. The pipeline projects that are part of this funding application will make it possible to pump into the existing 1 MG tank, to act as an initial storage/disinfection retention tank, then pump water from the 1 MG tank to the new tank with a higher head. Only the higher-head tank will be hydraulically connected to the distribution system during normal operation. Provision for an emergency connection of the existing 1MG tank to the distribution system will be made.

A 12" pipeline will be installed between the District's current wells and the District's existing 1 MG tank. The 12" line will be a dedicated transmission line. A 16" Distribution line will be installed between the new 3 MG tank and a point in the District's Distribution system. The general alignment for both pipelines will be the same: along 2700 W from 3300 S to 3600 S and from 3600 W/2700 W east to the new tank site (the new 3MG tank site is immediately adjacent to the existing 1 MG tank site).

IMPLEMENTATION SCHEDULE:

Drinking Water Board Authorization	February 2015
Commence Design	July 2014
Complete Design	February 2015
Receive DDW Plan Approval	March 2015
Advertise for Bids	March 2015
Bid Opening	April 2015
Loan Closing	April 2015
Begin Construction	April 2015
Complete Construction	April 2016
Receive Operating Permit	April 2016

COST ESTIMATE:

Legal	\$159,777
Administrative	\$15,000
Engineering (Planning / Design)	\$152,440
Engineering (CMS)	\$101,627
Construction (Source)	\$913,440
Construction (Waterlines)	\$1,047,300
Construction (Storage)	\$4,367,586
Construction (Other)	\$88,712
Contingency (12.68%)	\$802,735
Total Cost:	<u>\$7,725,102</u>

COST ALLOCATION:

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Loan:	\$6,091,000	78.85%
DWB Principal Forgiveness	\$1,545,391	20.00%
Applicant Contribution	\$88,711	1.15%
Total Amount:	<u>\$7,725,102</u>	<u>100%</u>

APPLICANT:

Taylor-West Weber WID
2815 W 3300 S
West Haven, Utah 84401-9791
Telephone: 801-731-1668
Fax: 801-731-7799

PRESIDING OFFICIAL &
CONTACT PERSON:

Val Surrage, System Manager
2815 W 3300 S
West Haven, Utah 84401-9791
Telephone: 801-731-1668
Fax: 801-731-7799

FINANCIAL CONSULTANT:

Cody Deeter
Lewis, Young, Robertson & Burningham, Inc.
41 N Rio Grande, Ste 101
SLC, UT 84101
Telephone: 801-596-0700
Fax: 801-596-2800

CITY ATTORNEY:

Mark Anderson
Fabian Law
215 S State St., Ste 1200
SLC, UT 84111
Telephone: 801-323-2234
Fax: 801-231-1716

CONSULTING ENGINEER:

Dan White, P.E.
Gardner Engineering
5150 S 375 E
Ogden, Utah, 84405
Telephone: 801-476-0202
Fax: 801-476-0066

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Taylor West
 COUNTY: Weber
 PROJECT DESCRIPTION: Tank, Transmission Line, New Well

FUNDING SOURCE: Federal SRF

80 % Loan & 20 % P.F.

ESTIMATED POPULATION:	6,927	NO. OF CONNECTIONS:	2013 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	\$35.46 *			PROJECT TOTAL:	\$7,725,102
CURRENT % OF AGI:	1.33%	FINANCIAL PTS:	60	LOAN AMOUNT:	\$6,091,000
ESTIMATED MEDIAN AGI:	\$31,991			PRINC. FORGIVENESS:	\$1,545,391
STATE AGI:	\$40,489			TOTAL REQUEST:	\$7,636,391
SYSTEM % OF STATE AGI:	79%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 4.39%		AFTER REPAYMENT PENALTY & POINTS 2.26%
<u>SYSTEM</u>				
ASSUMED LENGTH OF DEBT, YRS:	30	30		30
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	4.39%		2.26%
REQUIRED DEBT SERVICE:	\$203,033.32	\$369,111.10		\$281,781.36
*PARTIAL COVERAGE (15%):	\$0.00	\$0.00		\$0.00
*ADD. COVERAGE AND RESERVE (10%):	\$20,303.33	\$36,911.11		\$28,178.14
ANNUAL NEW DEBT PER CONNECTION:	\$110.95	\$201.70		\$153.98
O & M + FUNDED DEPRECIATION:	\$737,452.00	\$737,452.00		\$737,452.00
OTHER DEBT + COVERAGE:	\$126,437.50	\$126,437.50		\$126,437.50
REPLACEMENT RESERVE ACCOUNT:	\$52,081.77	\$60,385.65		\$56,019.17
ANNUAL EXPENSES PER CONNECTION:	\$455.03	\$459.15		\$456.98
TOTAL SYSTEM EXPENSES	\$1,139,307.92	\$1,330,297.36		\$1,229,868.16
TAX REVENUE:	\$0.00	\$0.00		\$0.00
<u>RESIDENCE</u>				
MONTHLY NEEDED WATER BILL:	\$47.16	\$55.07		\$50.91
% OF ADJUSTED GROSS INCOME:	1.77%	2.07%		1.91%

* Equivalent Residential Connections

R309-700-5

Taylor West
Weber
January 14, 2015

TABLE 2 FINANCIAL CONSIDERATIONS

	POINTS	
1. COST EFFECTIVENESS RATIO (SELECT ONE)		
A. Project cost \$0 to \$500 per benefitting connection	16	
B. \$501 to \$1,500	14	
C. \$1,501 to \$2,000	11	
D. \$2,001 to \$3,000	8	
E. \$3,001 to \$5,000	4	X
F. \$5,001 to \$10,000	1	
G. Over \$10,000	0	
	\$3,838	
2. CURRENT LOCAL MEDIAN ADJUSTED GROSS INCOME (AGI) (SELECT ONE)		
A. Less than 70% of State Median AGI	19	
B. 71 to 80% of State Median AGI	16	X
C. 81 to 95% of State Median AGI	13	
D. 96 to 110% of State Median AGI	9	
E. 111 to 130% of State Median AGI	6	
E. 131 to 150% of State Median AGI	3	
F. Greater than 150% of State Median AGI	0	
	79%	
3. PROJECT FUNDING CONTRIBUTED BY APPLICANT (SELECT ONE)		
a. Greater than 25% of project funds	17	
b. 15 to 25% of project funds	14	
c. 10 to 15% of project funds	11	
c. 5 to 10% of project funds	8	
d. 2 to 5% of project funds	4	
e. Less than 2% of project funds	0	X
	1.1%	
4. ABILITY TO REPAY LOAN		
4. WATER BILL (INCLUDING TAXES) AFTER PROJECT IS BUILT RELATIVE TO LOCAL MEDIAN ADJUSTED GROSS INCOME (SELECT ONE)		
a. Greater than 2.50% of local median AGI	16	
b. 2.01 to 2.50% of local median AGI	12	
c. 1.51 to 2.00% of local median AGI	8	X
d. 1.01 to 1.50% of local median AGI	3	
e. 0 to 1.00% of local median AGI	0	
	1.91%	
5. SPECIAL INCENTIVE POINTS Applicant: (Mark all that apply)		
A. has a replacement fund receiving annual deposits of 5% of the system's drinking water budget been established, and has already accumulated a minimum of 10% of said annual DW budget in this reserve fund.	5	X
B. Has a replacement fund equal to at least 15% or 20% of annual DW budget.	5	X
C. Is creating or enhancing a regionalization plan	16	X
D. Has a rate structure encouraging conservation	6	X
TOTAL POINTS FOR FINANCIAL NEED	60	
TOTAL POSSIBLE POINTS FOR FINANCIAL NEED	100	

Taylor West

PROPOSED BOND REPAYMENT SCHEDULE

80 % Loan & 20 % P.F.

PRINCIPAL	\$6,090,999.73	ANTICIPATED CLOSING DATE	01-Apr-15
INTEREST	2.26%	P&I PAYMT DUE	15-Jul-16
TERM	30	REVENUE BOND	
NOMIN. PAYMENT	\$281,781.36	PRINC PREPAID:	\$0.00

YEAR	BEGINNING BALANCE	DATE OF PAYMENT	PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	PAYM NO.
2016	\$6,090,999.73		\$103,242.45 *	\$0.00	\$103,242.45	\$6,090,999.73	0
2017	\$6,090,999.73		\$281,656.59	\$144,000.00	\$137,656.59	\$5,946,999.73	1
2018	\$5,946,999.73		\$281,402.19	\$147,000.00	\$134,402.19	\$5,799,999.73	2
2019	\$5,799,999.73		\$282,079.99	\$151,000.00	\$131,079.99	\$5,648,999.73	3
2020	\$5,648,999.73		\$281,667.39	\$154,000.00	\$127,667.39	\$5,494,999.73	4
2021	\$5,494,999.73		\$282,186.99	\$158,000.00	\$124,186.99	\$5,336,999.73	5
2022	\$5,336,999.73		\$281,616.19	\$161,000.00	\$120,616.19	\$5,175,999.73	6
2023	\$5,175,999.73		\$281,977.59	\$165,000.00	\$116,977.59	\$5,010,999.73	7
2024	\$5,010,999.73		\$282,248.59	\$169,000.00	\$113,248.59	\$4,841,999.73	8
2025	\$4,841,999.73		\$281,429.19	\$172,000.00	\$109,429.19	\$4,669,999.73	9
2026	\$4,669,999.73		\$281,541.99	\$176,000.00	\$105,541.99	\$4,493,999.73	10
2027	\$4,493,999.73		\$281,564.39	\$180,000.00	\$101,564.39	\$4,313,999.73	11
2028	\$4,313,999.73		\$281,496.39	\$184,000.00	\$97,496.39	\$4,129,999.73	12
2029	\$4,129,999.73		\$281,337.99	\$188,000.00	\$93,337.99	\$3,941,999.73	13
2030	\$3,941,999.73		\$282,089.19	\$193,000.00	\$89,089.19	\$3,748,999.73	14
2031	\$3,748,999.73		\$281,727.39	\$197,000.00	\$84,727.39	\$3,551,999.73	15
2032	\$3,551,999.73		\$282,275.19	\$202,000.00	\$80,275.19	\$3,349,999.73	16
2033	\$3,349,999.73		\$281,709.99	\$206,000.00	\$75,709.99	\$3,143,999.73	17
2034	\$3,143,999.73		\$282,054.39	\$211,000.00	\$71,054.39	\$2,932,999.73	18
2035	\$2,932,999.73		\$282,285.79	\$216,000.00	\$66,285.79	\$2,716,999.73	19
2036	\$2,716,999.73		\$281,404.19	\$220,000.00	\$61,404.19	\$2,496,999.73	20
2037	\$2,496,999.73		\$281,432.19	\$225,000.00	\$56,432.19	\$2,271,999.73	21
2038	\$2,271,999.73		\$281,347.19	\$230,000.00	\$51,347.19	\$2,041,999.73	22
2039	\$2,041,999.73		\$282,149.19	\$236,000.00	\$46,149.19	\$1,805,999.73	23
2040	\$1,805,999.73		\$281,815.59	\$241,000.00	\$40,815.59	\$1,564,999.73	24
2041	\$1,564,999.73		\$281,368.99	\$246,000.00	\$35,368.99	\$1,318,999.73	25
2042	\$1,318,999.73		\$281,809.39	\$252,000.00	\$29,809.39	\$1,066,999.73	26
2043	\$1,066,999.73		\$282,114.19	\$258,000.00	\$24,114.19	\$808,999.73	27
2044	\$808,999.73		\$282,283.39	\$264,000.00	\$18,283.39	\$544,999.73	28
2045	\$544,999.73		\$281,316.99	\$269,000.00	\$12,316.99	\$275,999.73	29
2046	\$275,999.73		\$282,237.59	\$276,000.00	\$6,237.59	(\$0.27)	30
			\$8,556,868.86	\$6,091,000.00	\$2,465,868.86		

*Interest Only Payment

Taylor West

DWB Loan Terms

Local Share (total):	\$	88,711
Other Agency Funding:	\$	-
DWB Grant Amount:	\$	1,545,391
DWB Loan Amount:	\$	6,091,000
DWB Loan Term:		30
DWB Loan Interest:		2.26%
DWB Loan Payment:	\$	281,781

DW Expenses (Estimated)

Proposed Facility Capital Cost:	\$	7,725,102
Existing Facility O&M Expense:	\$	737,452
Proposed Facility O&M Expense:	\$	737,452
O&M Inflation Factor:		1.0%
Existing Debt Service:	\$	101,150

DW Revenue Sources (Projected)

Beginning Cash:	\$	-
Existing Customers (ERC):		2,013
Projected Growth Rate:		3.0%
Impact Fee/Connection Fee:	\$	5,228
Current Monthly User Charge:	\$	35.46
Needed Average Monthly User Charge:	\$	50.91

DW Revenue Projections

Yr	Growth Rate (%)	Annual Growth (ERC)	Total Users (ERC)	User Charge Revenue	Impact Fee Revenue	Property Tax Revenue	Total Revenue	DWB Loan Repayment	DWB Loan Reserves	Remaining Principal	Principal Payment	Interest Payment	Existing DW Debt Service	O&M Expenses	Total Expenses	Debt Service Ratio	
0	3.0%	60	2,013	856,602	313,680	-	1,170,282	-	-	6,091,000	-	-	101,150	737,452	838,602	-	
1	3.0%	60	2,073	1,266,526	313,680	-	1,580,206	281,657	28,178	5,947,000	144,000	137,657	101,150	737,452	1,148,437	2.20	
2	3.0%	63	2,136	1,305,017	329,364	-	1,634,381	281,402	28,178	5,800,000	147,000	134,402	101,150	744,827	1,155,557	2.33	
3	3.0%	64	2,200	1,344,118	334,592	-	1,678,710	282,080	28,178	5,649,000	151,000	131,080	101,150	752,275	1,163,683	2.42	
4	3.0%	66	2,266	1,384,442	345,048	-	1,729,490	281,667	28,178	5,495,000	154,000	127,667	101,150	759,798	1,170,793	2.53	
5	3.0%	68	2,334	1,425,987	355,504	-	1,781,491	282,187	28,178	5,337,000	158,000	124,187	101,150	767,396	1,178,911	2.65	
6	3.0%	70	2,404	1,468,755	365,960	-	1,834,715	281,616	28,178	5,176,000	161,000	120,616	101,150	775,069	1,186,014	2.77	
7	3.0%	72	2,476	1,512,744	376,416	-	1,889,160	281,978	28,178	5,011,000	165,000	116,978	101,150	782,820	1,194,126	2.89	
8	3.0%	74	2,550	1,557,955	386,872	-	1,944,827	282,249	28,178	4,842,000	169,000	113,249	101,150	790,648	1,202,225	3.01	
9	3.0%	77	2,627	1,604,999	402,556	-	2,007,555	281,429	28,178	4,670,000	172,000	109,429	101,150	798,555	1,209,312	3.16	
10	3.0%	78	2,705	1,652,654	407,784	-	2,060,438	281,542	28,178	4,494,000	176,000	105,542	101,150	806,540	1,217,411	3.28	
11	3.0%	81	2,786	1,702,142	423,468	-	2,125,610	281,564	28,178	4,314,000	180,000	101,564	101,150	814,606	1,197,320	3.43	
12	3.0%	84	2,870	1,753,463	439,152	-	2,192,615	281,496	28,178	4,130,000	184,000	97,496	101,150	822,752	1,205,398	3.58	
13	3.0%	86	2,956	1,806,006	449,608	-	2,255,614	281,338	28,178	3,942,000	188,000	93,338	101,150	830,979	1,213,467	3.72	
14	3.0%	89	3,045	1,860,382	465,292	-	2,325,674	282,089	28,178	3,749,000	193,000	89,089	101,150	839,289	1,222,528	3.88	
15	3.0%	91	3,136	1,915,979	475,748	-	2,391,727	281,727	28,178	3,552,000	197,000	84,727	101,150	847,682	1,230,559	4.03	
16	3.0%	94	3,230	1,973,410	491,432	-	2,464,842	282,275	28,178	3,350,000	202,000	80,275	101,150	856,159	1,239,584	4.20	
17	3.0%	97	3,327	2,032,673	507,116	-	2,539,789	281,710	28,178	3,144,000	206,000	75,710	101,150	864,720	1,247,580	4.38	
18	3.0%	100	3,427	2,093,770	522,800	-	2,616,570	282,054	28,178	2,933,000	211,000	71,054	101,150	873,368	1,256,572	4.55	
19	3.0%	103	3,530	2,156,699	538,484	-	2,695,183	282,286	28,178	2,717,000	216,000	66,286	101,150	882,101	1,265,537	4.73	
20	3.0%	106	3,636	2,221,461	554,168	-	2,775,629	281,404	28,178	2,497,000	220,000	61,404	101,150	890,922	1,273,477	4.93	
21	3.0%	109	3,745	2,288,056	569,852	-	2,857,908	281,432	28,178	2,272,000	225,000	56,432	101,150	899,832	1,282,414	5.12	
22	3.0%	112	3,857	2,356,484	585,536	-	2,942,020	281,347	28,178	2,042,000	230,000	51,347	101,150	908,830	1,291,327	5.32	
23	3.0%	116	3,973	2,427,355	606,448	-	3,033,803	282,149	28,178	1,806,000	236,000	46,149	101,150	917,918	1,301,217	5.52	
24	3.0%	119	4,092	2,500,060	622,132	-	3,122,192	281,816	28,178	1,565,000	241,000	40,816	101,150	927,097	1,310,063	5.73	
25	3.0%	123	4,215	2,575,208	643,044	-	3,218,252	281,369	28,178	1,319,000	246,000	35,369	101,150	936,368	1,318,887	5.97	
26	3.0%	126	4,341	2,652,190	658,728	-	3,310,918	281,809	28,178	1,067,000	252,000	29,809	101,150	945,732	1,328,691	6.18	
27	3.0%	130	4,471	2,731,615	679,640	-	3,411,255	282,114	28,178	809,000	258,000	24,114	101,150	955,189	1,338,454	6.41	
28	3.0%	135	4,606	2,814,095	705,780	-	3,519,875	282,283	28,178	545,000	264,000	18,283	101,150	964,741	1,348,175	6.66	
29	3.0%	138	4,744	2,898,408	721,464	-	3,619,872	281,317	28,178	276,000	269,000	12,317	101,150	974,389	1,356,856	6.92	
30	3.0%	142	4,886	2,985,164	742,376	-	3,727,540	282,238	28,178	-	276,000	6,238	101,150	984,133	1,367,520	7.16	
Total Paid in Debt Service =											6,091,000	2,362,626					

Utah Department of Environmental Quality Division of Drinking Water

Public Water System IPS Report

UTAH29019 TAYLOR-WEST WEBER WID

Run Date:
01/20/2015 07:59 am

PWS ID: UTAH29019 **Name:** TAYLOR-WEST WEBER WID
Legal Contact: TAYLOR-WEST WEBER WID **Rating:** Approved
 VAL SURRAGE **Rating Date:** 03/11/1980
Address: 2815 W 3300 S **Activity Status:** A
 WEST HAVEN, UT 84401-9791
Phone Number: 801-731-1668
City Served (Area): **Consumptive Use Zone**
 County: WEBER COUNTY Irrigation Zone Number: 4 02/15/2013

System Type: Community **Last Inv Update:** 05/21/2014
 Last Snty Srv Dt: 10/08/2013
 Population: 6,510 **Surveyor:** MICHAEL S MOSS
 Oper Period: 1/1 to 12/31

Total IPS Points: **40** **Rating Date:** 03/11/1980 **Rating:** **Approved**

Admin & Physical Facilities: 10
*** Quality & Monitoring Violations:** 20
Operator Certification: 10

* Total Admin & Physical Facilities demerit points may not agree with the detail section. The detail section shows all 'open' physical deficiencies; the Total Admin & Physical Facilities value adjusts for duplicate deficiencies

Physical Facility, Administrative, & Source Protection Deficiencies from Site Visits

Facility	Activity Status	Severity	Date Determined	Point Not Effective	Point Effective
EMERGENCY RESPONSE PLAN		REC	7/11/2002		-10
BOTH WELL HOUSES DO NOT HAVE FLOOR DRAINS THAT DRAIN TO DAYLIGHT		MIN	7/11/2002		5
ST003 250 K GALLON TANK x DISCHARGE TO AN UNUSED CONCRETE STRUCTURE AND PIPELINE FOR REMOVAL	A	MIN	10/8/2013		5
ST001 MILLION GALLON TANK BOTH STORAGE TANK OVERFLOWS NEED AT LEAST 12" OF FREEFALL	A	MIN	7/11/2002		5
ST003 250 K GALLON TANK	A	MIN	9/19/2011		5
ST001 MILLION GALLON TANK x STORM DRAIN SYSTEM	A	MIN	10/8/2013		5

**Utah Department of Environmental Quality
Division of Drinking Water
Public Water System IPS Report**

UTAH29019 TAYLOR-WEST WEBER WID

Run Date:
01/20/2015 07:59 am

Physical Facility, Administrative, & Source Protection Deficiencies from Site Visits

Facility	Activity Status	Severity	Date Determined	Point Not Effective	Point Effective
ST001 MILLION GALLON TANK	A	MIN	10/8/2013		5
ST003 250 K GALLON TANK x DISCHARGE TO AN UNUSED CONCRETE STRUCTURE AND PIPELINE FOR REMOVAL	A	MIN	10/8/2013		5
Total Admin & Physical Facility Deficiency					10

Chemical Monitoring and Quality Violations

Violation No.	Period	Code	Violation Type Analyte/ Group	Facility ID	Seasonality	IPS Points
2015-4007313	01/01/14-12/31/14	03	MONITORING, ROUTINE MAJOR	SS989	P	20
4007313	01/13/2015		NITRATE			
Total Chemical Violation Points						20

Operator Certification Points

	Distribution	Treatment	
Level Required	D3		
Highest Certificate on Record	D2		
Points	10	0	Total Points 10

Compliance Schedules

Type	Required Activities	Severity	Date Created	Due Date	Achieved Date
Complete Lead Copper Notice	Submit Lead/Copper Certification Notice to DDW		06/01/2014	12/29/2014	
Complete Lead Copper Notice	Submit Lead/Copper Certification Notice to DDW		06/01/2011	12/29/2011	

Agenda Item

7

**AUTHORIZATION TO PROCEED:
RWAU ENERGY EFFICIENCY EQUIPMENT PURCHASE PROPOSAL
PRESENTED TO THE DRINKING WATER BOARD
February 26, 2015**

The Division of Drinking Water (the Division) is in the process of implementing an energy efficiency initiative aimed at drinking water systems throughout the state. A number of water systems have identified energy efficiency improvement opportunities in both operations and infrastructure. Annual savings resulting from these improvements have ranged from \$42,000 to over \$300,000. The Division is encouraging all drinking water systems to investigate energy efficiency options to identify if cost savings are possible. The small and very small drinking water systems in the State are often unable to take full advantage of such initiatives due to lack of knowledge, lack of money, and/or lack of proper equipment.

The Division and the Rural Water Association of Utah (RWAU) have worked to resolve this issue for these small and very small systems. The Division, with concurrence from EPA Region 8 personnel, has determined that a portion of the State's set aside funds can be used to contract with RWAU to purchase special equipment that will then be made available to these drinking water systems to help them identify areas of potential improvement.

The proposed equipment includes leak detectors, a pipeline camera, and an infrared camera. This equipment, coupled with knowledgeable and experienced RWAU personnel to work with drinking water system staff, will allow the small and very small drinking water systems to identify and then repair water leaks which will ultimately save energy and its associated costs and improve system efficiency. The estimated cost to purchase this equipment is less than \$50,000 and the expected useful life is up to ten years.

STAFF RECOMMENDATION:

Staff recommends the Drinking Water Board:

- 1 –Authorize the allocation of up to \$50,000 from federal SRF program set-aside funds to finance the proposed purchase contract,**
- 2 – Authorize staff to prepare a draft proposal and contract and submit it to Finance for review and comment, and**
- 3 – Upon approval of the contract by Finance, authorize the Executive Secretary to enact the contract.**

ENERGY EFFICIENCY EQUIPMENT PURCHASE PROPOSAL

While working on-site with water systems, our field technicians have discovered that there can be a significant energy efficiency gain simply by elimination water loss or “unaccounted for” water in the day-to-day operations of a system. In order to accomplish this, there are several pieces of equipment that would help operators find and eliminate these problems:

- Leak Detector
- Leak Correlator
- Correlator Headphones
- Infrared Camera
- Pipeline Camera

While it would be cost prohibitive for each small system to purchase this equipment, a more effective way to access this equipment would be for the Rural Water Field Staff to have this equipment and help systems use it as needed. This way many of the rural systems would have access to achieving more efficiencies at their systems.

It is proposed that the Rural Water Association of Utah obtain this equipment through their contract with Utah Division of Drinking Water to make this equipment available.

Leak Detector

Pollard Water LD-12 Leak Detector - \$3114.05

Estimated Life – 6-7 Years (Before Repairs)

Just like the title indicates, a leak detector is used to find water leaks. It uses magnetic sensors and microphones to locate water lines and water leaks. Which allows an operator to more accurately dig down to the leak with less time and expense looking for the problem.

Systems will be able to schedule an appointment with RWAU field staff to do an on-site assessment when a leak is suspected. This will be no cost to the system enabling them to solve the problem more quickly. It is anticipated that this equipment would be used 5-10 times per month all around the state of Utah.

The energy benefit comes in two ways, first by more efficiently finding the leak saving time and resources in locating the problem. Then in the reduced water production because the water is no longer being processed and then lost to the ground.

This would be available to all Utah systems, with an expected 40-50 systems per year receiving benefits.

Infrared Camera

Infrared Camera - \$1000

Estimated Life 5-8 Years (Before Repairs)

Unlike regular cameras that capture images of visible light reflected by objects, thermal cameras create pictures of heat, essentially measuring infrared energy emitted from objects and then converting the data into corresponding images of temperature. In a "radiometric" imager, each pixel of color on screen represents an individual temperature.

Infrared cameras are used for measuring temperature which is one of the important parameters to tell the condition of internal process, material and even quality of the desired output. A qualitative but accurate conclusion can be drawn by observing the temperature profile of any surface. On the other hand higher temperature also indicates obvious loss of energy in the form of heat. Therefore temperature monitoring would give ample indication of the condition of the material, process quality and explore the possibility of energy conservation avenues.

The camera also will be used in the water and waste water industry to determine the loss of energy and equipment malfunctions which include but are not limited to:

Electrical Components, Pumps, Blowers, Tank Levels, Underground Leaks, Building Heat Loss, Main Power Distribution Lines, Piping Blockages, All Process Equipment

Energy efficiencies will be gained in situations where mechanical problems are not visible from the outside so pumps and other such equipment run at less than peak efficiencies. This camera will allow an operator to find non-visible inefficiencies well before they completely break down and allow them to replace or repair the equipment.

It can be used as a regular preventative maintenance tool as well as a specific problem troubleshooting and solving tool. All Utah systems will benefit from this equipment with an expected 20-30 systems utilizing it annually.

Pipeline Camera

Metrotech vCam-5 Inspection system - \$12,000

Estimated Life 3-5 years (Before Repairs)

Culinary Water Pipe inspection camera. (ONLY WATER PIPES)

This camera will be used to inspect culinary water pipes, spring boxes and well pipes.

This will help identify obstructions in water mains, roots in spring boxes, leaks or breaks in main lines or laterals.

Systems will benefit from this camera if an obstruction can be identified and removed. Water is energy; the movement of water through an obstructed pipe requires more energy used by the pumps to overcome the obstruction. Removal of the obstruction will let the water flow freely and more energy efficient. The identification of leaks or breaks in water lines will help conserve water, eliminate possible contamination to the distribution systems. Right now systems that need this type of equipment to identify a problem, they have to hire a company that inspects sewer lines to come and check things out with a cable that has been (sanitized) then sanitize their distribution system afterward's. This creates a very bad situation that can be alleviated with a new (dedicated culinary water only water line inspection camera).

Although It is hard to quantify how often this camera will be used or how many systems will benefit from this new line inspection camera,, there are several systems that have made a request for this very help with no options to help them. As systems come to know that this camera is available to assist them, the use and requests will grow dramatically in the future. The camera that we have picked has GPS capabilities and can assist Water Systems with not only pin pointing where the leak, break, of obstructions are,, it can also help systems Map water lines, find laterals that may not already be known. This could be a huge benefit to small rural water systems that lack good maps of their systems water lines.

This camera has many size camera heads that can be used. 1 1/2" up to 6". 200ft cable up to 400ft cable. It also has USB ports and SD card ports. The entire inspection will be videoed and the system will have it for future reference and archives.

Leak Correlator & Headphones

Pollard Water LC2500 Leak Correlator - \$28,325.60

Estimated life 4-5 years (Before repairs)

Similar to the leak detector, this equipment is used to find water leaks. In situations where leak detectors are not as accurate for reasons such as type of pipe, depth of line etc. A leak correlator allow an operator to pinpoint the water leak.

A more sophisticated piece of equipment, most rural systems con not afford to purchase one and to pay a contractor is often equally cost-prohibitive.

With the Rural Water Field Staff having one available many more systems in Utah will have access to pinpoint locations of problems on their systems.

The energy efficiency gains would be similar but magnified to the ones described under the leak detector section.

This equipment would be used 5-10 times per month with an estimated 30-40 systems benefitting annually.

Small Trailer - \$2000

Make and model yet to be determined, we need to purchase the actual equipment first to analyze the exact measurements required. The trailer will be used to house and transport the energy efficiency equipment so it will be protected from the elements as well as be less susceptible to damage during transit.



Michael Grange <mgrange@utah.gov>

use of technical assistance set-aside funds for leak detection equipment

Berig, Jennifer <Berig.Jennifer@epa.gov>
To: "Michael Grange (mgrange@utah.gov)" <mgrange@utah.gov>
Cc: "Friel, Brian" <Friel.Brian@epa.gov>

Fri, Jan 16, 2015 at 2:48 PM

Hi Michael,

This is an acceptable use for set-aside funds although you will need to update the Set-Aside Workplan to include these costs. You can include the costs in whichever section you think is best. Once those changes are made, if you could please send me a copy of the updated Set-Aside Workplan for the EPA files.

Let me know if you have any other questions, and have a great weekend!

Jenn

Jennifer Berig, P.E.
U.S. EPA Region 8 (8P-W-TF)
1595 Wynkoop St

Denver, CO 80202
Phone: 303-312-6262

From: Friel, Brian
Sent: Thursday, January 15, 2015 5:26 PM
To: Berig, Jennifer
Subject: FW: use of technical assistance set-aside funds for leak detection equipment

From: Michael Grange [mailto:mgrange@utah.gov]
Sent: Thursday, January 15, 2015 1:00 PM
To: Friel, Brian
Subject: use of technical assistance set-aside funds for leak detection equipment

Brian,

A few months ago we discussed a plan for Utah to use some of our federal SRF technical assistance set-aside money to contract with Rural Water Association of Utah to purchase, and make available to our medium and smaller-sized water systems, leak detection equipment to help minimize water loss, reduce pumping costs, and increase energy efficiency, among other benefits to the drinking water systems.

Utah DDW has received a written proposal and cost estimate from RWAU. The purchase price for the equipment RWAU is recommending is less than \$50,000.

I believe this qualifies as a legitimate and acceptable use of FSRF technical assistance set-aside funds and when we talked previously you were of the same opinion. Please let me know if this is still the case so we can proceed with this initiative.

Regards,

Michael

Michael J. Grange, P.E.

Construction Assistance Section Manager

Utah Division of Drinking Water

Phone: (801)536-0069

Fax: (801)536-4211

Web: www.drinkingwater.utah.gov

Agenda Item

8(A)

**AUTHORIZATION TO PROCEED:
FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION
PRESENTED TO THE DRINKING WATER BOARD
February 26, 2015**

Utah Code Title 63G Chapter 3 Part 3 Section 305 requires each government agency to review each of its rules within five years after the rule's original effective date or within five years after filing the last five-year review. The Division last filed Five-Year Review Notices for each of its rules in March 2010. To comply with this requirement the Division of Drinking Water must again submit a *Five-Year Notice of Review and Statement of Continuation* for each of its rules. If this Notice is not filed all unreviewed rules will expire, will be removed from the Utah Administrative Code and become unenforceable.

The following pages are the Five-Year Notice forms for the following Division Rules: R309-100, -105, -110, -115, -200, -205, -210, -215, -220, -225, -300, -305, -400, -405, -500, -505, -510, -511, -515, -520, -525, -530, -535, -540, -545, -550, -600, -605, -700, -705, and -800.

Upon Board authorization to proceed, these Notices will be signed by the Division Director and filed with the Division of Administrative Rules no later than March 16, 2015.

STAFF RECOMMENDATION:

Staff recommends the Drinking Water Board authorize staff to file the required *Five-Year Notice of Review and Statement of Continuation* for each of the referenced Division of Drinking Water rules with the Division of Administrative Rules.

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155941
 Utah Admin. Code ref. (R no.): R309-100

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Patti Fauver	801-536-4196	801-536-4211	pfauver@utah.gov	
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Administration: Drinking Water Program

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Section 19-4-104 establishes the drinking water program, including the standards, construction, variances, operator certification, and orders.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that the drinking water program administration is firmly established in the State of Utah. It defines a public water system, which are the systems that the Division of Drinking Water can and does regulate. It sets forth the requirements and conditions of sanitary surveys, gives a rating system to public water systems, and establishes the variances and exemptions.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, administrative procedures, environmental protection

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155959
 Utah Admin. Code ref. (R no.): R309-105

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Administration: General Responsibilities of Public Water Systems

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Section 19-4-104 gives the Drinking Water Board the authority to establish the general responsibilities of public drinking water systems in Utah. These responsibilities include variances or exemptions from monitoring, construction standards, operator certification, cross connection control, reporting, record maintenance, and emergencies.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are adhering to the basic responsibilities of maintaining a safe drinking water system. This rule sets the foundation for the details in rules that follow, such as R309-600 which details the specifics of a source water protection program. This effort will greatly assist in protection the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, watershed management

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155960
 Utah Admin. Code ref. (R no.): R309-110

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Administration: Definitions.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Section 19-4-104 authorizes the Drinking Water Board to make rules in accordance with Title 63G, Chapter 3, which includes the definitions of terms and expressions used throughout all rules under the Safe Drinking Water Act.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah understand the definitions of the terms and expressions used throughout R309. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, definitions

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155961
 Utah Admin. Code ref. (R no.): R309-115

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Administrative Procedures.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(b) authorizes the Drinking Water Board to enforce order by appropriate administrative and judicial proceedings.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah have direction for administrative procedures and adjudicative proceedings. This rule allows the Division of Drinking Water to enforce and follow through with rule requirements. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, administrative proceedings, adjudicative proceedings, hearings

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155962
 Utah Admin. Code ref. (R no.): R309-200

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Drinking Water Standards.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(i) authorizes the Drinking Water Board to establish standards that prescribe the maximum contaminant levels in any public water system and provide for monitoring.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah have primary and secondary standards for their water quality. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, regulated contaminants, quality standards

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155963
 Utah Admin. Code ref. (R no.): R309-205

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Source Monitoring Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(i) authorizes the Drinking Water Board to establish standards and provide for monitoring and reporting of water quality related matters.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are monitoring their sources of water for the required constituents at the correct times. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, compliance determinations, source monitoring

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155964
 Utah Admin. Code ref. (R no.): R309-210

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Distribution System Monitoring Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(i) authorizes the Drinking Water Board to establish standards that prescribe the maximum contaminant levels in any public water system and provide for monitoring.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are sampling for the correct contaminants at the correct places and times in their distribution systems. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, compliance determinations, distribution system monitoring

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155965
 Utah Admin. Code ref. (R no.): R309-215

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Treatment Plant Monitoring Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(i) authorizes the Drinking Water Board to establish standards that prescribe the maximum contaminant levels in any public water system and provide for monitoring.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah that treat the water do so appropriately and according to the standards set forth in this rule. This rule not only addresses surface water treatment and cryptosporidium treatment but also the protection of ground water. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, disinfection monitoring, surface water treatment plant monitoring, compliance determinations

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155966
 Utah Admin. Code ref. (R no.): R309-220

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Public Notification Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1) authorizes the Drinking Water Board to establish standards that provide for monitoring, record-keeping, and reporting of water quality-related matters.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are notifying the public as required when a violation has occurred. It is necessary to inform the public when measures must be taken to protect their health such as boil their water. This effort will greatly assist in keeping the consumers notified about the quality of their water.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, health effects, public notification

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155967
 Utah Admin. Code ref. (R no.): R309-225

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Monitoring and Water Quality: Consumer Confidence Reports

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(i) authorizes the Drinking Water Board to establish standards that prescribe the maximum contaminant levels in any public water system and provide for monitoring and reporting of water quality-related matters.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are providing correct and accurate yearly reports to their consumers. It outlines the contents required in the reports, when they are due, how to make them available, and how to contact the water system management with questions or concerns. This effort will greatly assist in providing good communications between water purveyors and their consumers.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, water quality, consumer confidence report

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155968
 Utah Admin. Code ref. (R no.): R309-300

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Kim Dyches	801-536-4202		kdyches@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Certification Rules for Water Supply Operators

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(2) authorizes the Drinking Water Board to adopt and enforce standards and establish fees for certification of operators of any public water system.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are employing trained and competent personnel to run their water systems. This rule sets the foundations for the training of the water operators, testing, and continuation of their certifications. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, administrative procedures, environmental protection

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155969
 Utah Admin. Code ref. (R no.): R309-305

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Kim Dyches	801-536-4202		kdyches@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Certification Rules for Backflow Technicians

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(4)(a) authorizes the Drinking Water Board to adopt and enforce standards and establish fees for certification of persons engaged in administering cross connection control programs of backflow prevention assembly training, repair, and maintenance testing.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that the individuals involved in testing backflow valves, training testers, and those administering cross connection control programs are and remain competent to do so. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, backflow assembly tester, cross connection control

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155970
 Utah Admin. Code ref. (R no.): R309-400

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Water System Rating Criteria

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a) authorizes the Drinking Water Board to make rules in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, that provide for monitoring, record-keeping and reporting of water quality; and Section 19-4-105 authorizes the Drinking Water Board to make rules more stringent than the corresponding federal regulations. Rule R309-400 prioritizes the rules made with authorization of Subsection 19-4-104(1)(a) and the priorities are set as more stringent than current federal regulations, as per Section 19-4-105.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that public drinking water systems in Utah are prioritizing each issue that they must address and it shows the Division of Drinking Water which systems to prioritize for compliance. It is used to evaluate the water system's standard of operation and service delivered in compliance with the other rules encompassed in R309-100 through R309-705. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, water system rating, environmental protection, penalties

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155971
 Utah Admin. Code ref. (R no.): R309-405

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Jennifer Yee	801-536-4216	801-536-4211	jyee@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Compliance and Enforcement: Administrative Penalty

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Section 19-4-109 authorizes the Drinking Water Board to assess and make a demand for payment of a penalty.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No comments have been received either in support or opposing this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that the Division of Drinking Water has the authority to assess penalty amounts for water system violations. This effort will greatly assist in protecting the quality and safety of the drinking water from the source through vast distribution systems to the end consumer, the public.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, penalties, environmental protection

File Information

7. Attach an RTF document containing the text of this rule change (filename):

There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy): 01/20/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155947
 Utah Admin. Code ref. (R no.): R309-500

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Plan Review, Operation and Maintenance Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that plan review, operation, and maintenance requirements will be in place to ensure public water system facilities will provide safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, operation and maintenance requirements, plan review, permits

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155948
 Utah Admin. Code ref. (R no.): R309-505

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Minimum Treatment Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that various types of water sources found in the state of Utah will receive the type and degree of treatment necessary to provide safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, low quality ground water, surface water treatment, high quality ground water

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155949
 Utah Admin. Code ref. (R no.): R309-510

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Minimum Sizing Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 In December of 2014, the Office of the Legislative Auditor General, submitted a report entitled "A Review of the Division of Drinking Water's Minimum Source Sizing Requirements" to the Utah State Legislature. The report commented directly upon the source size requirements included in R309-510. The report recommended that DDW reevaluate the minimum source sizing requirements and clarify the regulatory process for requesting a reduction in the minimum size of a source needed. It also confirmed the benefit of having a rule like R309-510 to regulate the size of the source needed by public water systems. There have been no other comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new water sources, storage facilities, and distribution systems for public water systems will be sized to reliably provide an adequate supply of drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, water conservation, minimum sizing

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155958
 Utah Admin. Code ref. (R no.): R309-511

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Hydraulic Modeling Requirements

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that the increased water demand created by new construction will not adversely affect existing or new water users by requiring public water systems to complete hydraulic modeling to demonstrate that water system designs meet minimum flow and pressure requirements.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, hydraulic modeling

File Information

7. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155950
 Utah Admin. Code ref. (R no.): R309-515

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Source Development

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new surface water sources, ground water wells, and ground water springs will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, source maintenance, source development

File Information

7. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155951
 Utah Admin. Code ref. (R no.): R309-520

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name: _____ Phone: _____ Fax: _____ E-mail: _____ Remove: _____
 (Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Disinfection

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new disinfection facilities will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, secondary disinfectants, primary disinfectants, operation and maintenance

File Information

7. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155952
 Utah Admin. Code ref. (R no.): R309-525

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Conventional Surface Water Treatment

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new conventional surface water treatment plants will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, sedimentation, flocculation, filtration

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155953
 Utah Admin. Code ref. (R no.): R309-530

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Alternate Surface Water Treatment Methods

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new surface water treatment plants using alternative treatment methods, such as direct filtration, slow sand filtration, or membrane filtration, will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, slow sand filtration, direct filtration, membrane technology

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155954
 Utah Admin. Code ref. (R no.): R309-535

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Miscellaneous Treatment Methods

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new treatment systems, such as fluoridation, taste and odor control, stabilization, deionization, aeration, softening, iron and manganese control, and point-of-use and point-of-entry treatment devices, will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, stabilization, miscellaneous treatment, iron and manganese control

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155955
 Utah Admin. Code ref. (R no.): R309-540

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Pump Stations

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new pumping facilities and hydropneumatic systems for public water systems will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, hydropneumatic systems, pumps, individual home booster pumps

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155956
 Utah Admin. Code ref. (R no.): R309-545

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Drinking Water Storage Tanks

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new drinking water storage tanks for public water systems will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, access, storage tanks, overflow and drains

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155957
 Utah Admin. Code ref. (R no.): R309-550

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830
 Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Bernie Clark	801-536-0092		bernieclark@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Facility Design and Operation: Transmission and Distribution Pipelines

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code. The Drinking Water Board may make rules governing the design, operation, and maintenance of public water systems.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 There have been no comments received in support or opposition of this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule will ensure that new transmission and distribution pipelines for public water systems will be constructed to reliably provide an adequate supply of safe drinking water to the people of the state of Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking water, connections, transmission and distribution pipelines, water hauling

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155935
 Utah Admin. Code ref. (R no.): R309-600

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Kate Johnson	801-536-4206	801-536-4211	katej@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Source Protection: Drinking Water Source Protection for Ground Water Sources

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(iv) authorizes the Drinking Water Board to adopt this rule which governs the protection of ground water sources of drinking water.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No written comments have been received that either support or oppose this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule is necessary because it establishes practices deemed necessary by the Drinking Water Board to protect developed ground water sources of drinking water from accidental pollution or the potential for pollution.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking, water, environmental, health

File Information

7. Attach an RTF document containing the text of this rule change (filename):
 No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield Director Date (mm/dd/yyyy): 02/05/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: _____ Date filed: _____
 State Admin Rule Filing Key: 155934
 Utah Admin. Code ref. (R no.): R309-605

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Drinking Water
 Room no.: Third Floor
 Building:
 Street address 1: 195 N 1950 W
 Street address 2:
 City, state, zip: SALT LAKE CITY UT 84116-3085
 Mailing address 1: PO BOX 144830
 Mailing address 2:
 City, state, zip: SALT LAKE CITY UT 84114-4830

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Kate Johnson	801-536-4206	801-536-4211	katej@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
 Source Protection: Drinking Water Source Protection for Surface Water Sources

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
 Subsection 19-4-104(1)(a)(iv) authorizes the Drinking Water Board to adopt this rule which governs the protection of surface water sources.

Comment Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
 No written comments have been received that either support or oppose this rule.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
 The continuation of this rule is necessary because it establishes practices deemed necessary by the Drinking Water Board to protect developed surface water sources of drinking water from pollution or the potential for pollution.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
 drinking, water, environmental, health

File Information

7. Attach an RTF document containing the text of this rule change (filename):
 No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield Director
 Date (mm/dd/yyyy): 01/12/2015

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information				
Utah Admin. Code ref. (R no.):	R309-700			
Agency Information				
1. Agency:	ENVIRONMENTAL QUALITY - Drinking Water			
Room no.:	Third Floor			
Building:				
Street address 1:	195 N 1950 W			
Street address 2:				
City, state, zip:	SALT LAKE CITY UT 84116-3085			
Mailing address 1:	PO BOX 144830			
Mailing address 2:				
City, state, zip:	SALT LAKE CITY UT 84114-4830			
Contact person(s):				
Name:	Phone:	Fax:	E-mail:	Remove:
Michael Grange	801-536-0069	801-536-4122	mgrange@utah.gov	
(Interested persons may inspect this filing at the above address or at DAR during business hours)				
Rule Title				
2. Title of rule or section (catchline):	Financial Assistance: State Drinking Water Project Revolving Loan Program			
Rule Provisions				
3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:	Title 73, Chapter 10c, Utah Administrative Code authorizes the Department of Environmental Quality acting through the Drinking Water Board to issue loans to political subdivisions to finance all or part of drinking water project costs and to enter into "credit enhancements," "interest buy-down agreements", and "hardship grants."			
Comment Summary				
4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:	No comments have been received either in support of or opposition to this rule.			
Justification Information				
5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:	Through this rule the Drinking Water Board is able to provide grants and low-interest loans to communities for construction of drinking water system infrastructure projects. With out this financial assistance many communities could not afford to construct the improvements necessary to protect public health and safety. This program also provides matching funds for the annual federal EPA Capitalization Grants which provide millions of dollars to the Drinking Water State Revolving Fund (DWSRF) program and continued administration of the federal and Utah State Safe Drinking Water Acts.			
Indexing Information				
6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):	SDWA, environmental health, drinking water, financial assistance			

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information				
Utah Admin. Code ref. (R no.):	R309-705			
Agency Information				
1. Agency:	ENVIRONMENTAL QUALITY - Drinking Water			
Room no.:	Third Floor			
Building:				
Street address 1:	195 N 1950 W			
Street address 2:				
City, state, zip:	SALT LAKE CITY UT 84116-3085			
Mailing address 1:	PO BOX 144830			
Mailing address 2:				
City, state, zip:	SALT LAKE CITY UT 84114-4830			
Contact person(s):				
Name:	Phone:	Fax:	E-mail:	Remove:
Michael Grange	801-536-0069	801-536-4122	mgrange@utah.gov	
(Interested persons may inspect this filing at the above address or at DAR during business hours)				
Rule Title				
2. Title of rule or section (catchline):	Financial Assistance: Federal Drinking Water Project Revolving Loan Program			
Rule Provisions				
3.	A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule: The federal Safe Drinking Water Act, 42 USC 300j et seq., and Title 73 Chapter 10c Utah Code authorize the Department of Environmental Quality acting through the Drinking Water Board to issue financial assistance to public drinking Water systems for drinking water projects from a federal capitalization grant.			
Comment Summary				
4.	A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule: No comments have been received either in support of or opposition to this rule.			
Justification Information				
5.	A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any: Through this rule the Drinking Water Board is able to provide millions of dollars in low interest loans and principal forgiveness (grants) to communities for construction of drinking water system infrastructure projects. Without this financial assistance many communities could not afford to construct drinking water system improvements that are necessary to protect public health and safety and the Drinking Water Board would not be able to continue administering the federal and Utah Safe Drinking Water Acts.			
Indexing Information				
6.	Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")): SDWA, financial assistance, drinking water, environmental health			

File Information

7. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information				
Utah Admin. Code ref. (R no.):	R309-800			
Agency Information				
1. Agency:	ENVIRONMENTAL QUALITY - Drinking Water			
Room no.:	Third Floor			
Building:				
Street address 1:	195 N 1950 W			
Street address 2:				
City, state, zip:	SALT LAKE CITY UT 84116-3085			
Mailing address 1:	PO BOX 144830			
Mailing address 2:				
City, state, zip:	SALT LAKE CITY UT 84114-4830			
Contact person(s):				
Name:	Phone:	Fax:	E-mail:	Remove:
Michael Grange	801-536-0069	801-536-4122	mgrange@utah.gov	
(Interested persons may inspect this filing at the above address or at DAR during business hours)				
Rule Title				
2. Title of rule or section (catchline):	Capacity Development Program			
Rule Provisions				
3.	A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule: Subsection 19-4-104(1)(a)(v) authorizes the Drinking Water Board to implement the Capacity Development Program and to govern the allotment of federal funds to public water systems to assist their compliance with federal 1996 Reauthorization of the Safe Drinking Water Act (SDWA).			
Comment Summary				
4.	A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule: No comments have been received either supporting or opposing this rule.			
Justification Information				
5.	A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any: The 1996 SDWA Amendments outlined the requirements of the Capacity Development Program. The Program mandates that states ensure that all new Community Water Systems and Non-Transient Non-Community Water Systems demonstrate adequate technical, managerial and financial capacity (capability) to comply with SDWA and the National Primary Drinking Water Regulations (NPDWR). In addition, states must ensure that existing drinking water systems demonstrate these capabilities before they can be awarded federal drinking water financial assistance from the federal Drinking Water State Revolving Fund (DWSRF) Program. Each year states receive a capitalization grant from Congress through USEPA to finance their individual DWSRF program. If a state does not demonstrate an acceptable Capacity Development Program 20 % of those grant funds may be withheld [SDWA 1452(a)(1)(G)(I)]. The State of Utah receives annual capitalization grants of as much as \$9 million for the DWSRF Program. Losing 20% (up to \$1.8 million) of this annual funding would seriously impair the Drinking Water Board's ability to provide financial assistance to communities for drinking water system infrastructure projects and could leave the public vulnerable to health and safety risks. These funds are also vital to the State's ability to administer the federal and Utah SDWA.			
Indexing Information				
6.				

Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
capacity development, financial assistance , drinking water

File Information

7. Attach an RTF document containing the text of this rule change (filename):
No document is associated with this filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Ken Bousfield
Director

Date (mm/dd/yyyy):

Agenda Item

10(C)



STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY, UTAH
84114-2220

GARY R. HERBERT
GOVERNOR

GREG BELL
LIEUTENANT GOVERNOR

April 30, 2013

The Honorable Wayne Niederhauser
and Members of the Utah State Senate
320 State Capitol
Salt Lake City, Utah 84114

Dear President Niederhauser and Members of the Senate:

In accordance with Utah Code §§ 67-1-1 and 67-1-2, I propose and transmit the following appointments:

Department of Corrections:

Rollin E. Cook is appointed to replace Thomas Patterson as the Executive Director of the Department of Corrections. *See Utah Code § 64-13-3.*

Securities Commission:

David A. Russon is appointed to replace Jane Cameron as a member of the Securities Commission, a term to expire May 12, 2017. *See Utah Code § 61-1-18.5.*

Gary Cornia is appointed to replace Laura Polacheck as a member of the Securities Commission, a term to expire May 12, 2017. *See Utah Code § 61-1-18.5.*

Erik A. Christiansen is reappointed as a member of the Securities Commission, a term to expire May 12, 2017. *See Utah Code § 61-1-18.5.*

Permanent Community Impact Fund Board:

James Jae Potter is appointed to replace Michael Milovich as a member of the Permanent Community Impact Fund Board, a term to expire July 1, 2013. Mr. Potter is also appointed to a term to expire July 1, 2017. *See Utah Code § 35A-8-304.*

Labor Commission Appeals Board:

Patricia Smith Drawe is reappointed as a member of the Labor Commission Appeals Board, a term to expire March 1, 2019. *See Utah Code § 34A-1-205.*

Drinking Water Board:

Paul Gailey Hansen is reappointed as a member of the Drinking Water Board, a term to expire May 8, 2017. *See Utah Code § 19-4-103.*

Heather Anne Jackson is reappointed as a member of the Drinking Water Board, a term to expire May 8, 2017. *See Utah Code § 19-4-103.*

Tage Ivan Flint is reappointed as a member of the Drinking Water Board, a term to expire May 8, 2015. *See Utah Code § 19-4-103.*

David King Stevens is reappointed as a member of the Drinking Water Board, a term to expire May 8, 2015. *See Utah Code § 19-4-103.*

Betty G. Naylor is reappointed as a member of the Drinking Water Board, a term to expire May 8, 2015. *See Utah Code § 19-4-103.*

Mark Howard Stevens is appointed to replace Terry Beebe as a member of the Drinking Water Board, a term to expire May 8, 2017. *See Utah Code § 19-4-103.*

Brett Harvey Chynoweth is appointed to replace Daniel Fleming as a member of the Drinking Water Board, a term to expire May 8, 2015. *See Utah Code § 19-4-103.*

Natasha R. Madsen is appointed to replace Kenneth Bassett as a member of the Drinking Water Board, a term to expire May 8, 2017. *See Utah Code § 19-4-103.*

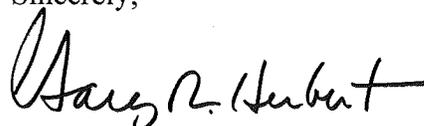
Board of Business and Economic Development:

Mel S. Lavitt is reappointed as a member of the Board of Business and Economic Development, a term to expire March 15, 2017. *See Utah Code § 63M-1-302.*

Peter Mouskondis is reappointed as a member of the Board of Business and Economic Development, a term to expire March 15, 2017. *See Utah Code § 63M-1-302.*

Thank you for your timely consideration and confirmation of the above appointments.

Sincerely,



Gary R. Herbert
Governor

Drinking Water Board Member Application Renewal

1. Go to: <http://gva1.utah.gov/boards/boardsbydepartment.aspx>
2. Click on the “+” sign aligned with Environmental Quality
3. Click on the “Drinking Water Board” line
4. Above the list of Board members, click on “Apply for Appointment to Board”
5. Complete the on-line form
6. Click on “Submit Application”