

# Drinking Water Board Packet

May 11, 2018

# Agenda



## State of Utah

GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

## Department of Environmental Quality

Alan Matheson  
*Executive Director*

DIVISION OF DRINKING WATER  
Marie E. Owens, P.E.  
*Director*

**Drinking Water Board**  
Betty Naylor, *Chair*  
Roger G. Fridal, *Vice-Chair*  
Brett Chynoweth  
Jeff Coombs  
Tage Flint  
Eric Franson, P.E.  
Brad Johnson  
David Stevens, Ph.D.  
Mark Whitney  
Marie E. Owens, P.E.  
*Executive Secretary*

**DRINKING WATER BOARD MEETING**  
May 11, 2018 – 1:00 pm  
Multi Agency State Office Building – Board Room 1015  
195 North 1950 West  
Salt Lake City, Utah 84116

Marie Owens' Cell Phone #: (801) 505-1973

1. Call to Order
2. Roll Call – Marie Owens
3. Approval of the Minutes:
  - A. [March 1, 2018](#)
  - B. [April 6, 2018](#)
4. Financial Assistance Committee Report
  - A. [Status Report – Michael Grange](#)
  - B. [Project Priority List – Michael Grange](#)
  - C. SRF Applications
    - i. STATE:
      - a) [Laketown – Julie Cobleigh](#)
      - b) [Taylor-West Weber – Lisa Nelson](#)
    - ii. FEDERAL:
      - a) [Greenwich – De-Authorization – Lisa Nelson](#)
      - b) [Juab County – De-Authorization – Lisa Nelson](#)
      - c) [Virgin Town – De-Authorization – Lisa Nelson](#)
      - d) [Pleasant Grove – Lisa Nelson](#)
    - iii. Other:
5. [Rural Water Association Report – Dale Pierson](#)
6. Directors Report
  - A. [HB303 and Sizing Standards](#)
  - B. [Lead in Schools](#)
  - C. [Enforcement Report](#)
  - D. Other

7. Other

8. Next Board Meeting:

Date: Friday, July 13, 2018  
Time: 1:00 pm  
Place: Multi-Agency State Office Building  
Room 1015  
195 North 1950 West  
Salt Lake City, Utah 84116

9. Adjourn

*In compliance with the American Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Larene Wyss, Office of Human Resources, at: (801) 297-3828, TDD (801) 903-3978, at least five working days prior to the scheduled meeting.*

# Agenda Item

3(A)



State of Utah

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Brad Johnson  
David Stevens, Ph.D.  
Mark Whitney  
Marie E. Owens, P.E.  
*Executive Secretary*

DRINKING WATER BOARD MEETING

March 1, 2018 – 2:00 pm

Dixie Convention Center – Garden Room

1835 Convention Center Drive

St. George, Utah 84790

**DRAFT MINUTES**

**1. Call to Order**

Betty Naylor, Board Chairman called the meeting to order at 2:00 p.m.

Betty greeted everyone and thanked the Rural Water Association of Utah (RWAU) for allowing the Drinking Water Board (DWB, the Board) to hold the meeting at their 2018 Annual Conference.

**2. Roll Call**

Board Members present: Betty Naylor, Eric Franson, Brett Chynoweth, Tage Flint, Roger Fridal, Brad Johnson, Mark Whitney, David Stevens, and Jeff Coombs.

Division Staff present: Marie Owens, Michael Grange, and Heather Bobb.

**3. Approval of the Minutes:**

**A. January 12, 2018**

- Eric Franson moved to approve the minutes. Mark Whitney seconded. The motion was carried unanimously by the Board.

#### **4. 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 there is approximately \$10.3 million in the State SRF fund and over the course of the next year the Division is expecting \$4.7 million to come into the fund for a total of approximately \$15 million for project allocation.

Michael also informed the Board that Big Plains SSD, Daggett County/Dutch John, and Henryville are or will be closing in the next few months; and that Laketown was proposed for this meeting, but has withdrawn their application at this time.

Michael then reported that currently there is approximately \$28 million in the Federal SRF fund and over the course of the next year the Division is expecting \$17 million to come into the fund for a total of approximately \$45 million for project allocation. Michael also noted that currently Juab County, Virgin Town, and Greenleaf Water Company are stalled, but Staff will be sending letters asking these systems to request an extension or to de-obligate the funding.

##### **B. Project Priority List – Michael Grange**

Michael Grange proposed that the following project be added to the project priority list:

- Swiss Alpine, with 18.8 points, and a project consisting of a new well and a transmission line.
- Tage Flint moved to approve the updated project priority list. Brett Chynoweth seconded. The motion was carried unanimously by the Board.

##### **C. SRF Applications**

###### **i. STATE:**

###### **a) Grantsville – Michael Grange**

Representing Grantsville was Brent Marshall, Mayor; Sherrie Broadbent, Finance Director; Craig Neely of Aqua Engineering; and Alex Buxton of Zions Bank.

Michael Grange informed the Board that Grantsville is requesting \$3.5 million in financial assistance to fund replacement of approximately 20,000 linear feet of main pipeline with 12-inch pipe and the drilling of a new well. Grantsville City will contribute \$1,635,000 to this project. The local MAGI for Grantsville is \$54,751, which is 124% of the State MAGI. Their average water bill is \$44 per month, which is 0.95%, therefore they do not qualify for additional subsidization. However, as Grantsville has 49 Financial Need Points they do qualify for a reduced interest rate. Division Staff recommends the Board authorize a \$3,500,000 loan at 1.5% interest or fee for 20 years with a \$35,000 loan origination fee to Grantsville City.

There was discussion between the Board, Division Staff, and those representing Grantsville regarding the need to complete this while UDOT is replacing SR 138 rather than having to re-dig up the road afterward, the size of the existing pipe, the city's contribution, the loan origination fee, and the Financial Need Points.

- Mark Whitney moved to authorize a \$3,500,000 loan at 1.5% interest or fee for 20 years with a \$35,000 loan origination fee to Grantsville City. Jeff Coombs seconded. The motion was carried unanimously by the Board.

**ii. FEDERAL:**

**a) Johnson Water – Michael Grange**

Representing Johnson Water Improvement District (Johnson WID) was Dixon Taylor, Manager; Dallas Murray, Mayor and Chairman of the Board; and Chris Thomsen of CIVCO Engineering.

Michael Grange informed the Board that Johnson WID is requesting \$90,000 in financial assistance to complete a master plan that will incorporate recent changes to their system, model and analyze their system, and identify and evaluate future needs. The 2016 local MAGI for Johnson WID is \$37,236, which is 85% of the State MAGI. Their current average monthly water bill is \$130.21, which is 4.2% of the local MAGI; therefore they do qualify for additional subsidization. Johnson WID also has 77 Financial Need Points. Division Staff recommends the Board authorize a planning grant of \$90,000 to Johnson WID for their Master Plan.

There was discussion between the Board, Division Staff, and those representing Johnson WID regarding the master plan, the Victory Pipeline, and the drilling in the area.

- Brett Chynoweth moved to authorize a planning grant of \$90,000 to Johnson Water Improvement District. David Stevens seconded. The motion was carried unanimously by the Board.

**b) Swiss Alpine Water – Michael Grange**

Representing Swiss Alpine Water Company (Swiss Alpine) was Dale Mickelson, Water Operator and President of the Board; and Ryan Taylor of DGA Engineers.

Michael Grange informed the Board that Swiss Alpine is requesting \$807,000 in financial assistance to drill a new well. Swiss Alpine will contribute \$140,000 towards this project. The local MAGI for Midway is \$61,675, which is \$139% of the State MAGI. The estimated after project water bill would be \$92.96, which is 1.81% of the local MAGI. Swiss Alpine is a second home community so they do qualify for 90% of the Revenue Bond Buyers Index. Division Staff recommends the Board authorize a \$807,000 construction loan with 3.53% interest or fee for 25 years to Swiss Alpine Water Company.

There was discussion between the Board, Division Staff, and those representing Swiss Alpine regarding the amount of connections, number of permanent residents; annual homeowner's fees, and the increase to their water bill. There was also discussion regarding

their source requirements to comply with DW rules, their storage capacity, and their water rights.

- Eric Franson moved to authorize a \$807,000 construction loan at 3.53% interest or fee for 25 years to Swiss Alpine Water Company. David Stevens seconded. The motion was carried unanimously by the Board.

### **iii. Other:**

#### **a) Ephraim City Emergency Request – Michael Grange**

Eric Franson declared a conflict of interest, noting that he would refrain from speaking or voting on this matter as a Board Member.

Representing Ephraim City (Ephraim) was Brant Hanson, City Manager; Bryan Kimball, Mayor; and Eric Franson of Franson Civil Engineers.

Michael Grange informed the Board that Ephraim is requesting \$1,272,150 in financial assistance to drill and equip a new well, install a chlorinator, rehabilitate their existing well, and install transmission lines. Ephraim will contribute \$150,755 toward the project. The local MAGI for Ephraim is \$37,817, which is 85% of the State MAGI. Their estimated water bill after funding is \$73.59, which is 2.34% of the local MAGI, therefore they do qualify for additional subsidization. This is an emergency project due to their existing springs being highly susceptible to drought which causes them to exceed the MCL for arsenic in their drinking water. Division Staff recommends that the Board authorize a loan of \$1,272,150 at 1% interest or fee for 20 years with \$127,120 in principal forgiveness to Ephraim City.

There was discussion between the Board, Division Staff, and those representing Ephraim regarding the existing tunnel and transmission lines, the water rights, the arsenic level exceedances, chlorination, the system capacity and storage, and their intended phased rate increases.

The representatives for Ephraim requested that Board consider option #2, which has 20% or \$254,150 in principal forgiveness. The Board and Division Staff discussed the constraints with regards to Hardship Grant availability.

- Betty Naylor moved to authorize a \$1,272,150 loan at 1% interest or fee for 20 years with \$127,150 in principal forgiveness to Ephraim City. Brett Chynoweth seconded. The motion was carried unanimously by the Board

#### **b) Intended Use Plan – Michael Grange**

Michael Grange informed the Board that a requirement of the Federal SRF program is an annual Intended Use Plan (IUP), which lays out the Divisions proposed use of federal funds. He also noted that this will be published on the Drinking Water website for public comment.

There was discussion between the Board and Division Staff regarding Federal Administration infrastructure plans, the requirements that go along with federal funding, and the interest rates on funding.

## **5. Capacity Development Specialist Contract Award Authorization – Michael Grange**

Michael Grange informed the Board that the Capacity Development Specialist Contract had expired in February. He went on to explain that the Division had started working on a new Request for Purchase (RFP) last year, however due to unforeseen circumstances it was delayed until January, when it was posted by the Department of Purchasing. In accordance with purchasing guidelines an evaluation committee of Michael, Marie Owens, Gary Kobzeff, and Eric Franson was put together and the one application that was received was reviewed, scored, and it was determined that they were qualified. That one applicant was RWAU. Michael then turned the time over to Eric Franson.

Eric Franson noted that as a committee they determined that it was important that a detailed work plan for next five years is submitted, which will ensure that they are providing the services that the Division needs.

- Eric Franson moved that the Rural Water Association of Utah be awarded the Capacity Development Specialist Contract pending negotiations and a detailed five year work plan. David Stevens seconded. The motion was carried unanimously by the Board

Michael noted that due to the lapse, RWAU and Division Staff could request a teleconference to present the final contract to the Board.

## **6. Anticipated Rule Change Notification – Marie Owens**

### **A. IPS**

Marie Owens, Director of the Division, reported that the Division's Improvement Priority System (IPS) Rule has been reviewed for improvements by Division Staff for the last year. The Division feels it is ready and will be bringing the updated rule and a correlating guidance table before the Board at the next meeting.

### **B. RTCR**

Marie then reported that after the EPA audit in August 2017, there were a few small nuances that were overlooked in the current RTCR rule language, which Division Staff is working to rectify.

### **C. Water Use Data Requirements / Source and Storage Sizing Standards**

Marie then reported that House Bill 303, if passed, will require that the Division do away with a standard source sizing and storage requirements and change to a three year rolling average for each water system based on their reported water use data.

In response to questions from the Board, Marie noted that this would require an additional full time employee for the first year and then increase to 1 ½ full time employees to fulfill the requirements.

## **7. Rural Water Association Report**

Dale Pierson, Executive Director of RWAU, thanked the Board for being in attendance and holding their Board Meeting in conjunction with the RWAU Annual Conference. He then reported the following:

- There were 1,917 attendees this year.
- There were 112 that attended the Water Operator Certification class.
- There were 14 different classes taught by 13 DW Staff members.
- Betty Naylor, Board Chair, was a judge for the best tasting water contest, which Simplot Phosphate won.

Dale then reported on the National Rural Water Associations work on a Water Operator Apprenticeship program, which has been approved on a Federal level and also by the State of Utah. This program is in conjunction with the Department of Labor and enrollees will be able to earn their water operator certification and apprentice under current certified water operators at water systems in the state. The Department of Labor and the Department of Veterans Affairs have agreed to assist systems with up to 50% of the apprentice's salary from 6 months to a year. Dale also reported that they start rolling out this program and associated marketing for it within the next month.

## **8. Directors Report**

Marie Owens reported the following on the 2017 lead in schools initiative:

- DW received samples from 700 schools throughout the State.
- 100 other schools sampled, but did not share their data with DW.
- 40 schools declined to sample.

Of those schools that sampled and reported their data to DW:

- 22 were above the EPA action limit for lead, which is based on corrosion and is not health based.
- 8% had non detect at all of their samples
- 58% had anywhere between 1 part per billion and 15 parts per billion.

Based on these results, DW has put together a workgroup with representative from four school districts, one local health department, and Division Staff to work on continued monitoring and mitigation measures.

Marie then reported the following on Division Staff's activity so far at the Annual Conference:

- 120 Consumer Confidence Reports

- Water system reports and monitoring requirement assistance for over 100 systems
- Sample Site Plans for 30 water systems.
- Operator Certification consultations with 30 water systems
- An unspecified number of consultations on DPB compliance, source protection, SRF, and engineering.

**9. Other**

David Stevens questioned whether the Board, could as a group, contact legislators regarding bills that directly affected Drinking Water. Brad Johnson informed him that has been done in the past through the proper channels if the Board has a consensus position on an issue. Brad also cautioned Board members not to present themselves as such when personally contacting legislators.

Mark Whitney informed the Board that he has officially resigned as Mayor of Stockton and will be moving out of State. He expressed his appreciation to have been a member of the Board.

**10. Next Board Meeting:**

Date: Friday, May 11, 2018  
Time: 1:00 pm  
Place: Multi-Agency State Office Building  
Room 1015  
195 North 1950 West  
Salt Lake City, Utah 84116

**11. Adjourn**

- Mark Whitney moved to adjourn the meeting. The motion was carried unanimously by the Board.

**The meeting adjourned at 4:03 p.m.**

# Agenda Item

3(B)



State of Utah

GARY R. HERBERT  
*Governor*

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*Lieutenant Governor*

Department of  
Environmental Quality

Alan Matheson  
*Executive Director*

DIVISION OF DRINKING WATER  
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Eric Franson, P.E.  
Brad Johnson  
David Stevens, Ph.D.  
Mark Whitney  
Marie E. Owens, P.E.  
*Executive Secretary*

DRINKING WATER EMERGENCY TELECONFERENCE BOARD MEETING

April 6, 2018 – 10:00 am  
Multi Agency State Office Building  
Arches South  
195 North 1950 West  
Salt Lake City, Utah 84116

**DRAFT MINUTES**

**1. Call to Order**

Betty Naylor, Board Chairman called the meeting to order at 10:01 am.

**2. Roll Call**

Board members present: Betty Naylor, Roger Fridal, Tage Flint, Eric Franson, and Brad Johnson.

David Stevens joined the meeting at 10:03 am, prior to any items being presented.  
Brett Chynoweth joined the meeting at 10:05 am during the presentation of item 3(A)(ii)(a).

**3. Financial Assistance Committee Report**

**A. SRF Applications**

**i. STATE:**

**ii. FEDERAL:**

**a) Rocky Ridge Town – Michael Grange**

Eric Franson declared a conflict of interest as he represents Rocky Ridge Town and abstained from voting.

Representing Rocky Ridge Town (Rocky Ridge) was Casey Reynolds, System Manager; and Eric Franson, of Franson Civil Engineers.

Michael Grange, Technical Assistance Manager for the Division of Drinking Water (DDW, the Division), reminded the Board that Rocky Ridge Town was authorized a \$1,011,000 construction loan with \$405,000 in principal forgiveness to build a new well and install a transmission line on March 2, 2017. Rocky Ridge is now coming before the Board to request an additional \$408,000 in funding in order to complete the project due to increases in costs associated with construction, coordination with the railroad and power company, and changes to the project. The local MAGI for Rocky Ridge is \$31,326, which is 73% of the State MAGI. Their after project water bill is estimated at 3.26% of their local MAGI, therefore they do qualify for additional subsidization. Division Staff recommends that the Board authorize a \$408,000 construction loan at 0% interest or fee per annum for 30 years with \$50,000 in principal forgiveness to Rocky Ridge Town.

There was discussion between the Board, Division Staff, and those representing Rocky Ridge regarding the reason for an additional loan versus combining with the original loan, the increase in the water bill, the project changes being due to an increase in water flow from the new well versus future planning, the nature of this being an emergency request, and the need for principal forgiveness.

- Betty Naylor moved to authorize a \$408,000 construction loan at 0% interest or fee per annum for 30 years to Rocky Ridge Town. Brett Chynoweth seconded. The motion was carried by the majority of the Board. David Stevens dissented.

**iii. Other:**

**4. Next Board Meeting:**

Date: Friday, May 11, 2018  
Time: 1:00 pm  
Place: Multi Agency State Office Building  
Board Room  
195 North 1950 West  
Salt Lake City, Utah 84116

**5. Adjourn**

The meeting adjourned at 10:37 am.

# Agenda Item

4(A)

DIVISION OF DRINKING WATER  
**STATE LOAN FUNDS**  
AS OF April 30, 2018

SUMMARY		
	Total State Fund:	\$15,301,684
	Total State Hardship Fund:	\$1,180,588
	Subtotal:	\$16,482,272
<b>LESS AUTHORIZED</b>	Less:	
	Authorized Loans & Closed loans in construction:	\$4,733,000
	Authorized Hardship:	\$460,150
	Subtotal:	\$5,193,150
	<b>Total available after Authorized deducted</b>	<b>\$11,289,122</b>
<b>PROPOSED</b>	Proposed Loan Project(s):	\$1,110,000
	Proposed Hardship Project(s):	\$0
	Subtotal:	\$1,110,000
<b>AS OF:</b>		
April 30, 2018	<b>TOTAL REMAINING STATE LOAN FUNDS:</b>	<b>\$9,458,684</b>
	<b>TOTAL REMAINING STATE HARDSHIP FUNDS:</b>	<b>\$720,438</b>

*(see Page 2 for details)*

*(see Page 2 for details)*

**Total Balance of ALL Funds: \$10,179,122**

Projected Receipts Next Twelve Months: and Sales Tax Revenue	
<b>Annual Maximum Sales Tax Projection</b>	<b>\$3,587,500</b>
Less State Match for 2018 Federal Grant	(\$1,720,000)
Less State Match for 2019 Federal Grant	\$0
Less Appropriation to DDW	(\$816,100)
Less Board Administration Fees	(\$159,100)
<b>SUBTOTAL Sales Tax Revenue including adjustments:</b>	<b>\$892,300</b>
Payment:	
Interest on Investments (Both Loan and Hardship Accounts)	\$312,000
Principal payments	\$2,826,254
Interest payments	\$765,070
Total Projections:	\$4,795,624

Total Estimated State SRF Funds Available through 4-30-2019	<b>\$14,974,746</b>
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**DIVISION OF DRINKING WATER  
STATE LOAN FUNDS  
PROJECTS AUTHORIZED BUT NOT YET CLOSED  
AS OF April 30, 2018**

Community	Loan #	Cost Estimate	Date Authorized	Date Closed/Anticipated	Authorized Funding		
					Loan	Grant	Total
Big Plains (Cedar Point) 0% int, 20yrs	3S240	176,000	Jul-16		88,000	88,000	176,000
Grantsville 1.5% int, 20 yrs	3S249	3,500,000	Mar-18		3,500,000		3,500,000
Ephraim 1% int, 20 yrs	3S251	1,422,905	Mar-18		1,145,000	127,150	1,272,150
							0
Subtotal Loans and Grants Authorized					4,733,000	215,150	4,948,150
<b>PLANNING LOANS / GRANTS IN PROCESS</b>							
Antimony PI Grant	3S250P	40,000	Jan-18			40,000	40,000
					0	40,000	40,000
<b>CLOSED LOANS (partially disbursed)</b>							
Daggett Co - Dutch John 0% int 30 yrs	3S216	1,020,000	Jan-15	Feb-16	0	100,000	100,000
Henrieville	3S241	345,000	Aug-16	Nov-16	0	105,000	105,000
							0
							0
Subtotal Planning Loans/Grants Auth					0	205,000	205,000
<b>Total authorized or closed but not yet funded</b>					<b>\$4,733,000</b>	<b>\$460,150</b>	<b>\$5,193,150</b>
<b>PROPOSED PROJECTS for MAY 2018</b>							
Laketown 1.5% int @ 30 yrs	3S248	1,863,636	May-18		1,110,000	0	1,110,000
							0
							0
Total Proposed Projects					1,110,000	0	1,110,000

**DIVISION OF DRINKING WATER  
STATE LOAN FUNDS  
AS OF April 30, 2018**

	5235	5240	
	Loan	Interest	
	Funds	(use for Grants)	Total
Cash:	\$15,301,684	\$1,180,588	\$16,482,272
Less:			
Loans & Grants authorized but not yet closed (schedule attached)	(4,733,000)	(255,150)	(4,988,150)
Loans & Grants closed but not fully disbursed (schedule attached)	0	(205,000)	(205,000)
Proposed loans & grants	(1,110,000)	0	(1,110,000)
Administrative quarterly charge for entire year	(159,100)		(159,100)
Appropriation to DDW	(816,100)		(816,100)
FY 2018 Federal SRF 20% match	(1,720,000)		(1,720,000)
FY 2019 Federal SRF 20% match	0		0
	<b>6,763,484</b>	<b>720,438</b>	<b>7,483,922</b>
Projected repayments during the next twelve months			
Thru 04-30-2019			
Principal	2,826,254		2,826,254
Interest		765,070	765,070
Projected annual investment earnings on invested cash balance		312,000	312,000
Sales Tax allocation thru Apr-30-2019	3,587,500		3,587,500
<b>Total</b>	<b>\$13,177,238</b>	<b>\$1,797,508</b>	<b>\$14,974,746</b>
* All interest is added to the Hardship Fee account.			

**DIVISION OF DRINKING WATER  
FEDERAL SRF  
AS OF April 30, 2018**

FIRST ROUND FUND		FEDERAL SECOND ROUND FUND		Hardship Fund
1997 thru 2017 SRF Grants		Principal Repayments	Earnings on Invested Cash Balance	Total:
Net Federal SRF Grants:	\$161,538,751	Principal (P):	\$56,203,818	Total: <b>\$1,184,687</b>
Total State Matches:	\$36,828,900	Interest (I):	\$15,474,501	
Closed Loans:	-\$198,367,651	<b>Total P &amp; I:</b>	<b>\$71,678,319</b>	Total: <b>\$1,645,964</b>
<b>Total Grant Dollars:</b>	<b>\$0</b>			

SUMMARY		
	Total Federal State Revolving Fund:	\$72,863,006
	Total Federal Hardship Fund:	\$1,645,964
	Subtotal:	\$74,508,970
<b>LESS AUTHORIZED &amp; PARTIALLY DISBURSED</b>	Less:	
	Authorized & Partially Disbursed Closed Loans:	\$42,712,775
	Authorized Federal Hardship:	\$381,923
	Subtotal:	\$43,094,698
<b>PROPOSED</b>	Proposed Federal Project(s):	-\$20,030,000
	Proposed Federal Hardship Project(s):	-\$130,000
	Subtotal:	-\$20,160,000

*(see Page 2 for details)*

<b>AS OF:</b>	April 30, 2018	<b>TOTAL REMAINING LOAN FUNDS:</b>	\$50,180,231
		<b>TOTAL REMAINING HARDSHIP FUNDS:</b>	\$1,394,041

**Total Balance of ALL Funds after deducting proposed actions: \$51,574,272**

Projected Receipts thru May 1, 2019	
2018 Fed SRF Grant	\$6,000,000
2018 State Match	\$1,720,000
Interest on Investments	\$1,101,600
Principal Payments	\$6,315,203
Interest	\$1,315,261
Hardship & Technical Assistance fees	\$284,090
	\$0
Total:	\$16,736,154

} **Receive 60% in January**

**Total Estimated Federal SRF Funds Available through: 05/01/2019 \$68,310,426**

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

**PROJECTS AUTHORIZED BUT NOT YET CLOSED  
AS OF April 30, 2018**

COMMUNITY	Project			Authorized Date	Closing Date Scheduled	Authorized From Loan Funds (1st or 2nd Round)			Hardship Fund
	Total Project	Terms	Loan #			Loan	Forgiveness	Total	
Juab County	27,210,000	2.5% int/hgf, 30 yrs	3F259	Mar-16	stalled	21,210,000		21,210,000	
Virgin Town	1,120,000	0% int, 30 yrs	3F272	Jul-16	stalled	1,120,000		1,120,000	
San Juan Spanish Valley SSD	5,100,000	0% int, 30yrs (combined w/CIB)	3F275	Aug-16	Oct-18	1,785,000	765,000	2,550,000	
Hanksville Town	1,091,273	0% int, 30 yrs	3F279	Nov-16	Jun-18	328,000	763,273	1,091,273	
Monticello	39,000	Eng study 10 yr 0% int	3F281P	Nov-16				0	39,000
Cove SSD	1,085,000	0% int, 30 yrs	3F285	Mar-17	Jun-18	600,000	485,000	1,085,000	
Torrey Town	1,700,000	.75% int/hgf, 30 yrs	3F287	Mar-17	Jun-18	1,700,000		1,700,000	
Community Water Company	3,662,000	3.39% int/hgf, 20 yrs	3F291	May-17	new proposal	3,662,000		3,662,000	
Big Plains SW SSD - Cedar Point	517,125	1% int/hgf, 30 yrs	3F290	May-17	May-18	362,000	155,125	517,125	
Greenwich Water Company	130,000	65K loan at 0%, 30 yrs/ 65K pf hg	3F258	Mar-16	stalled			0	65,000
Moab	90,000	100% pf	3F292	Aug-17			90,000	90,000	
North Valley Ranches Sub	450,000	0% int, 30 yrs	3F294	Nov-17		360,000	90,000	450,000	
Twin Creeks SSD	5,619,000	1.87% hgf, 30 yrs	3F295	Nov-17		4,738,000	300,000	5,038,000	
Winchester Hills Water Company	450,000	0% int, 30 yrs (add-on)	3F277A	Jan-18	May-18	225,000	225,000	450,000	
Swiss Alpine Water Company	947,000	3.53% hgf, 25 YRS	3F300	Mar-18		807,000		807,000	
Johnson Water Imp Dist	90,000	100% grant	3F299P	Mar-18			90,000	90,000	
Rocky Ridge	408,000	Add on to 3F286 0% int 30 yrs	3F286A	Apr-18		408,000	0	408,000	
<b>TOTAL CONSTRUCTION AUTHORIZED:</b>						<b>\$ 37,305,000</b>	<b>\$ 2,963,398</b>	<b>\$ 40,268,398</b>	<b>\$ 104,000</b>
<b>COMMITTED ADVANCES / AGREEMENTS or PARTIALLY DISBURSED CLOSED 2ND ROUND AGREEMENTS:</b>									
					Date Closed				
Rural Water Assn of Utah	124,758	5 yr contract for Development Specialist	Ongoing	Nov-12	Jan-13			0	0
Elsinore Town	45,000	pl 100% pf hg	3F243P	Nov-15	Jun-16			0	86,423
Greenwich Water Company	130,000	65K loan at 0%, 30 yrs/ 65K pf hg	3F258	Mar-16	Jun-16			0	65,000
Forest Glen Plat A HOA	1,438,986	0% int, 30 yrs	3F222	Feb-14	Dec-14	68,000	29,986	97,986	
Taylor West Weber Water Improvement Dis	7,636,391	2.26% int, 30 yr	3F234	Feb-15	Apr-15	629,000	162,391	791,391	
West Erda Acres	1,700,600	0% int, 30 yr	3F233	Nov-14	Aug-17	39,000	39,000	78,000	
West Erda Acres	80,000	add on-100% pf	3F233	Sep-17	Oct-17			0	80,000
Springdale	7,840,000	.5% int/hgf, 30 yrs	3F264	May-16	Oct-17	711,440	725,560	1,437,000	
Marble Hills Water Co	40,400	1.85% int, 20 yrs	3F296	Nov-17	Mar-18			0	40,000
Antimony	40,000	pl loan 5 yr repymt	3F301P	Mar-18	Feb-18	40,000		40,000	
<b>TOTAL PLANNING AUTHORIZED:</b>						<b>\$1,487,440</b>	<b>\$956,937</b>	<b>\$2,444,377</b>	<b>\$277,923</b>
<b>TOTAL CONSTRUCTION &amp; PLANNING:</b>								<b>\$42,712,775</b>	<b>\$381,923</b>
<b>AVAILABLE PROJECT FUNDS:</b>									<b>\$30,150,231</b>
<b>AVAILABLE HANDSHIP FUNDS:</b>									<b>\$1,264,041</b>
<b>PROPOSED PROJECTS FOR MAY 2018:</b>									
Pleasant Grove	2,300,000	2% int/fee, 20 yrs	3F301	May-18		2,300,000		2,300,000	
Greenwich Water Company	130,000	65K loan at 0%, 30 yrs/ 65K pf hg	3F258	Mar-16	deauth May 18			0	(130,000)
Juab County	27,210,000	2.5% int/hgf, 30 yrs	3F259	Mar-16	deauth May 18	(21,210,000)		(21,210,000)	
Virgin Town	1,120,000	0% int, 30 yrs	3F272	Jul-16	deauth May 18	(1,120,000)		(1,120,000)	
<b>TOTAL PROPOSED PROJECTS FOR THIS MEETING:</b>						<b>-\$20,030,000</b>	<b>\$0</b>	<b>-\$20,030,000</b>	<b>-\$130,000</b>
*RWau hardship grant is being disbursed monthly									
<b>TOTAL FUNDS AFTER PROPOSED PROJECTS ARE FUNDED:</b>									<b>\$50,180,231</b>
<b>TOTAL FUNDS AFTER PROPOSED HS PROJECTS ARE FUNDED:</b>									<b>\$1,394,041</b>
<b>NOTES OF LOAN CLOSINGS SINCE LAST BOARD MEETING:</b>									
Cedarview Montwell SSD	2,309,000	.25% int, 28 yrs	3F282	May-17	Mar-18	2,309,000		2,309,000	
Marble Hills Water Co	40,400	1.85% int, 20 yrs	3F296	Nov-17	Mar-18			0	40,000
Twin Creeks SSD	300,000	100% PF-Preliminary Agreement	3F295	Nov-17	Feb-18	0	300,000	300,000	
<b>Total Recent Loan Closings</b>						<b>\$2,309,000</b>	<b>\$300,000</b>	<b>\$2,609,000</b>	<b>\$40,000</b>

**DIVISION OF DRINKING WATER**  
**FEDERAL SRF LOAN FUNDS**  
**AS OF April 30, 2018**

	Loan Funds 1st Round	Loan Payments			TOTAL
		2nd Round		Hardship Fund	
		Principal	Interest		
Federal Capitalization Grants and State 20% match thru 2015	\$198,367,651				
Earnings on Invested 1st Round Funds			1,184,687		
Repayments (including interest earnings on 2nd round receipts)		56,203,818	15,474,501	1,645,964	272,876,621
Less:					
Closed loans and grants	-198,367,651				-198,367,651
<b>SUBTOTAL of Funds Available</b>	<b>\$0</b>	<b>\$56,203,818</b>	<b>\$16,659,188</b>	<b>\$1,645,964</b>	<b>\$74,508,970</b>
Loans & Grants authorized but not yet closed or fully disbursed	-37,488,398	-4,267,440	-956,937	-381,923	-43,094,698
<b>SUBTOTAL of Funds Available less Authorized</b>	<b>-\$37,488,398</b>	<b>\$51,936,378</b>	<b>\$15,702,251</b>	<b>\$1,264,041</b>	<b>\$31,414,272</b>
Future Estimates:					
Proposed Loans/Grants for current board package	20,030,000			130,000	20,160,000
<b>SUBTOTAL of Funds Available less Proposed Loans &amp; Grants</b>	<b>-\$17,458,398</b>	<b>\$51,936,378</b>	<b>\$15,702,251</b>	<b>\$1,394,041</b>	<b>\$51,574,272</b>
PROJECTIONS THRU May-2019					
	0				
2017 SRF Capitalization Grant (Loan Portion)	6,000,000				
2017 SRF Capitalization State Match	1,720,000				
Projected repayments & revenue during the next twelve months		6,315,203	1,315,261	284,090	7,914,554
Projected annual investment earnings on invested cash balance		840,000	240,000	21,600	1,101,600
<b>TOTAL</b>	<b>-\$9,738,398</b>	<b>\$59,091,581</b>	<b>\$17,257,512</b>	<b>\$1,699,731</b>	<b>\$68,310,426</b>

Agenda Item

4(B)

Project Priority List  
Presented to the Drinking Water Board  
May 11, 2018

**DRINKING WATER BOARD  
PACKET FOR PROJECT PRIORITY LIST**

**There is one new project being added to the Project Priority List:**

Pleasant Grove City is being added to the Project Priority List with 28.1 points. Their project consists of a spring rehab and transmission line replacement.

**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

**The Drinking Water Board approve the updated Project Priority List.**

March 29, 2018

# Utah Federal SRF Program

## Project Priority List

Authorized

**Total Unmet Needs:**

**\$221,742,059**

**Total Needs, incl. Recent funding**

**\$260,483,732**

**\$272,473,991**

	date	type	%Green	Priority Points	System Name	County	Pop.	ProjectTitle	Project Total	Request DWB	Funds Authorized
N				29	Woodland Mutual	Summit	186	Spring redevelopment, new tank, water lines, pump station	\$3,257,320	\$3,257,320	
N				28.1	Pleasant Grove City		36,329	Spring redevelopment and transmission line replacement	\$2,300,000	\$2,300,000	
A				41.4	Virgin Town	Washington	750	New 500,000-gallon tank and transmission line	\$1,131,313	\$1,131,313	\$1,120,000
A				27	Bridge Hollow	Summit	45	New Well	\$225,000	\$225,000	\$225,000
A				26.3	Hanksville	Wayne	210	Water Line Replacement	\$601,548	\$601,548	\$601,548
A				25.3	San Juan Spanish Valley SSD	San Juan	491	New System: tank, well, distribution	\$5,125,758	\$2,575,758	\$2,550,000
A				24.8	Torrey Town	Wayne	500	New water line and replacement	\$2,230,000	\$1,852,000	\$1,852,000
A				24.1	Community Water Company	Summit	505	Water line replacement, treatment plant upgrades	\$3,343,000	\$3,343,000	\$3,662,000
A				19.5	Twin Creeks SSD	Wasatch	2,500	Treatment Plant, Storage Tank, Water Lines	\$5,672,650	\$5,400,000	\$5,338,000
A				18.8	Swiss Alpine	Wasatch	300	New Well and transmission line	\$955,152	\$815,152	
A				18.3	Greenwich	Piute	67	Chlorination building	\$131,300	\$131,300	\$131,000
N				17.3	North Valley Ranches	Washington	25	New Well and transmission line	\$450,000	\$450,000	\$450,000
A				12.5	Cove SSD	Sevier	100	New well, storage tank and water lines	\$1,611,000	\$1,085,000	\$1,085,000
A				9.7	Juab Co	Juab	???	Regionalization pipeline	\$24,000,000	\$21,000,000	\$21,210,000
A				N/A	Big Plains Water and Sewer SSD	Washington	720	Regionalization- purchase Canaan Springs Water Co.	\$517,125	\$517,125	\$517,125

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

A 100 Ephraim New Well, booster pump, transmission line

### POTENTIAL PROJECTS

March 29, 2018

# Utah Federal SRF Program

## Project Priority List

Authorized

**Total Unmet Needs:**

**\$221,742,059**

**Total Needs, incl. Recent funding**

**\$260,483,732**

**\$272,473,991**

	date	type	%Green	Priority Points	System Name	County	Pop.	ProjectTitle	Project Total	Request DWB	Funds Authorized
P				125.2	Soldier Summit SSD-2nd home sub	Utah	33	Water line upgrade	\$530,303	\$530,303	
P				36.4	Santa Clara (on hold)	Washington	8,000	Water line upgrades	\$6,419,202	\$6,354,202	
P				35.0	CUWCD-Utah Valley	Utah		Treatment plant upgrades	\$39,369,500	\$36,950,000	
P				51.8	Storm Haven	Wasatch	148	New Well and transmission line	\$2,041,414		
P				20.0	Pinon Forest	Duchesne	n/a	New system- residents haul water	\$21,247,000		
P				17.9	Wendover	Tooele	1,600	Water line 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	Water line	\$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, water line 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	Water line 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, water line	\$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	Water line upgrades	\$692,026		
P				13.5	Riverdale	Weber	8,200	New well and tank, water line 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 water lines	\$3,600,000		
P				12.6	Enterprise	Washington	1,500	New tank, upgrade water lines	\$1,917,100		
P				12.6	Price River	Carbon	7,659	New tank, water lines, treatment	\$2,750,000		
P				11.6	Manila Culinary Water Co.	Utah	2,450	Treatment and water line 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	Water line upgrades	\$746,000	\$746,000	
P				11.3	Farmington	Davis	15,000	New well, new tank, water line 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	Water line 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, water line replacement	\$500,000		

March 29, 2018

# Utah Federal SRF Program

## Project Priority List

				Priority Points	<b>Total Unmet Needs: \$221,742,059</b>			<b>Total Needs, incl. Recent funding \$260,483,732</b>		<b>Authorized</b>	
	date	type	%Green		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	Water line replacement and new tank	\$5,047,899		
P				7.6	Harmony Farms Water User Assoc.	Washington	300	Water line Replacement	\$3,000		
P				6.8	Hooper Water Improvement District	Weber	16,520	Storage, water lines, treatment	\$2,887,000		
P				6.7	Centerville City	Davis	16,000	Replacement well, water line 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	Water line	\$180,000		
P				3.4	Highland City	Utah	15,066	New well houses	\$650,000		

# Agenda Item

4(C)(i)(a)

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

**APPLICANT'S REQUEST:**

Laketown is requesting \$1,110,000 in financial assistance to construct a 300,000-gallon storage tank, pump station, 2,600 linear feet of 12-inch PVC transmission line and a PRV station.

**STAFF COMMENTS:**

Laketown completed a Master Plan in July of 2017. The Master Plan identified a current deficiency in storage capacity and areas of low pressure.

The local MAGI for Laketown is \$46,769 (106% of the state MAGI). A 20-year loan at 2.5% interest would result in an average water bill of approximately \$73, which is 1.87% of their local MAGI. Based on this information, Laketown qualifies to be considered for additional subsidization with a reduced interest rate.

**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

The Drinking Water Board to authorize \$1,110,000 construction loan with an interest rate/fee of 1.50% for 30 years. Conditions include that they resolve all issues on their compliance report (attached).

**APPLICANT'S LOCATION:**

Laketown is located in Rich County just south of Bear Lake.

**MAP OF APPLICANT'S LOCATION:**



**PROJECT DESCRIPTION:**

The proposed project consists of a new 300,000-gallon concrete storage tank, pump station, pressure-reducing vault and approximately 2,600 linear feet of 12-inch PVC transmission line. Laketown Town completed a Drinking Water Master Plan in 2017 where it identified that additional storage capacity is currently needed and that need becomes more significant as growth occurs. There are also areas where the static pressure for residents is at or below the 20 psi requirement. This project will also enhance the system's ability to provide adequate fire protection.

The Master Plan evaluated five alternatives including the "No Action" alternative and included a 20-year life cycle cost analysis. The recommended alternative is the project being proposed.

**POPULATION GROWTH:**

According to their application, Laketown is expected to grow at an average annual rate of 2% over the next 20 years. Projected populations and number of connections are shown in the table below:

Year	Population	Connections
2020	276	166
2025	305	174
2030	336	183
2035	371	194
2040	410	204

**IMPLEMENTATION SCHEDULE:**

FA Committee Conference Call:	Apr 2018
DWB Funding Authorization:	May 2018
Complete Design:	Sep 2018
Plan Approval:	Oct 2018
Advertise for Bids:	Nov 2018
Begin Construction:	Apr 2019
Complete Construction:	Oct 2019

**COST ESTIMATE:**

Legal – Bonding, Admin	\$ 14,000
Environmental- SHPO	\$ 2,000
Engineering- Design	\$ 71,000
Engineering- CMS	\$ 89,000
Engineering- Survey, bidding, geotech etc.	\$ 28,000
Construction – storage tank	\$ 665,000
Construction – pump station & PRV	\$ 69,000
Land Acquisition	\$ 25,000
Contingency (~15%)	\$ 147,000
<b>Total Project Cost</b>	<b>\$ 1,110,000</b>

**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 (1.5%, 30 yr)	\$1,110,000	100%

**ESTIMATED ANNUAL COST OF WATER SERVICE:**

Operation and Maintenance	\$48,383
Existing DW Debt Service	\$0
DDW Debt Service:	\$46,219
DDW Debt Reserve (10%):	\$4,622
DDW Coverage (15%):	\$6,933
Annual Cost/ERC:	\$680.50
Monthly Cost/ERC:	\$56.71
Cost as % MAGI:	1.46%

**CONTACT INFORMATION:**

APPLICANT:

Laketown  
10 North 200 East  
Laketown, Utah 84038  
435-946-9000  
clerk@laketownutah.com

PRESIDING OFFICIAL &  
CONTACT PERSON:

Sim Weston, Mayor  
Laketown, Utah 84038  
clerk@laketownutah.com

CONSULTING ENGINEER:

Scott Archibald  
Sunrise Engineering, Inc.  
26 S Main St  
Smithfield, Utah 84335  
435-563-3734  
sarchibald@sunrise-eng.com

RECORDER:

Amber Droesbeke  
435-946-9000  
clerk@laketownutah.com

FINANCIAL CONSULTANT:

n/a

CITY ATTORNEY:

n/a

BOND ATTORNEY:

n/a

## DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Laketown

FUNDING SOURCE: State SRF

COUNTY: Rich

PROJECT DESCRIPTION: New 300,000 gal tank, pump station and 2,600-ft of transmission line

### 100 % Loan & 0 % Grant

ESTIMATED POPULATION:	380	NO. OF CONNECTIONS:	156 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	\$29.39 *			PROJECT TOTAL:	\$1,110,000
CURRENT % OF AGI:	0.75%	FINANCIAL PTS:	35	LOAN AMOUNT:	\$1,110,000
ESTIMATED MEDIAN AGI:	\$46,769			GRANT AMOUNT:	\$0
STATE AGI:	\$44,268			TOTAL REQUEST:	\$1,110,000
SYSTEM % OF STATE AGI:	106%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 3.92%	@2% RATE 2.50%	AFTER REPAYMENT PENALTY & POINTS 1.50%
<b><u>SYSTEM</u></b>				
ASSUMED LENGTH OF DEBT, YRS:	30	30	20	30
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.92%	2.50%	1.50%
REQUIRED DEBT SERVICE:	\$37,000.00	\$63,569.36	\$71,203.31	\$46,219.50
*PARTIAL COVERAGE (15%):	\$5,550.00	\$9,535.40	\$9,535.40	\$6,932.92
*ADD. COVERAGE AND RESERVE (10%):	\$3,700.00	\$6,356.94	\$7,120.33	\$4,621.95
<b>ANNUAL NEW DEBT PER CONNECTION:</b>	<b>\$296.47</b>	<b>\$509.37</b>	<b>\$563.20</b>	<b>\$370.35</b>
O & M + FUNDED DEPRECIATION:	\$48,383.00	\$48,383.00	\$48,383.00	\$48,383.00
OTHER DEBT + COVERAGE:	\$0.00	\$0.00	\$0.00	\$0.00
REPLACEMENT RESERVE ACCOUNT:	\$0.00	\$0.00	\$0.00	\$0.00
<b>ANNUAL EXPENSES PER CONNECTION:</b>	<b>\$310.15</b>	<b>\$310.15</b>	<b>\$310.15</b>	<b>\$310.15</b>
TOTAL SYSTEM EXPENSES	\$94,633.00	\$127,844.69	\$136,242.05	\$106,157.37
TAX REVENUE:	\$0.00	\$0.00	\$0.00	\$0.00
<b><u>RESIDENCE</u></b>				
MONTHLY NEEDED WATER BILL:	\$50.55	\$68.29	\$72.78	\$56.71
% OF ADJUSTED GROSS INCOME:	1.30%	1.75%	1.87%	1.46%

\* Equivalent Residential Connections

## Laketown

PROPOSED BOND REPAYMENT SCHEDULE

100 % Loan & 0 % Grant

PRINCIPAL	\$1,110,000.00	ANTICIPATED CLOSING DATE	01-Nov-18
INTEREST	1.50%	FIRST P&I PAYMENT DUE	01-Jan-20
TERM	30	REVENUE BOND	
NOMIN. PAYMENT	\$46,219.50	GRANT AMOUNT:	\$0.00

YEAR	BEGINNING BALANCE	DATE OF PAYMENT	PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	PAYM NO.
2019	\$1,110,000.00		\$2,775.00 *	\$0.00	\$2,775.00	\$1,110,000.00	0
2020	\$1,110,000.00		\$46,650.00	\$30,000.00	\$16,650.00	\$1,080,000.00	1
2021	\$1,080,000.00		\$46,200.00	\$30,000.00	\$16,200.00	\$1,050,000.00	2
2022	\$1,050,000.00		\$45,750.00	\$30,000.00	\$15,750.00	\$1,020,000.00	3
2023	\$1,020,000.00		\$46,300.00	\$31,000.00	\$15,300.00	\$989,000.00	4
2024	\$989,000.00		\$45,835.00	\$31,000.00	\$14,835.00	\$958,000.00	5
2025	\$958,000.00		\$46,370.00	\$32,000.00	\$14,370.00	\$926,000.00	6
2026	\$926,000.00		\$45,890.00	\$32,000.00	\$13,890.00	\$894,000.00	7
2027	\$894,000.00		\$46,410.00	\$33,000.00	\$13,410.00	\$861,000.00	8
2028	\$861,000.00		\$45,915.00	\$33,000.00	\$12,915.00	\$828,000.00	9
2029	\$828,000.00		\$46,420.00	\$34,000.00	\$12,420.00	\$794,000.00	10
2030	\$794,000.00		\$45,910.00	\$34,000.00	\$11,910.00	\$760,000.00	11
2031	\$760,000.00		\$46,400.00	\$35,000.00	\$11,400.00	\$725,000.00	12
2032	\$725,000.00		\$45,875.00	\$35,000.00	\$10,875.00	\$690,000.00	13
2033	\$690,000.00		\$46,350.00	\$36,000.00	\$10,350.00	\$654,000.00	14
2034	\$654,000.00		\$45,810.00	\$36,000.00	\$9,810.00	\$618,000.00	15
2035	\$618,000.00		\$46,270.00	\$37,000.00	\$9,270.00	\$581,000.00	16
2036	\$581,000.00		\$46,715.00	\$38,000.00	\$8,715.00	\$543,000.00	17
2037	\$543,000.00		\$46,145.00	\$38,000.00	\$8,145.00	\$505,000.00	18
2038	\$505,000.00		\$46,575.00	\$39,000.00	\$7,575.00	\$466,000.00	19
2039	\$466,000.00		\$45,990.00	\$39,000.00	\$6,990.00	\$427,000.00	20
2040	\$427,000.00		\$46,405.00	\$40,000.00	\$6,405.00	\$387,000.00	21
2041	\$387,000.00		\$45,805.00	\$40,000.00	\$5,805.00	\$347,000.00	22
2042	\$347,000.00		\$46,205.00	\$41,000.00	\$5,205.00	\$306,000.00	23
2043	\$306,000.00		\$46,590.00	\$42,000.00	\$4,590.00	\$264,000.00	24
2044	\$264,000.00		\$45,960.00	\$42,000.00	\$3,960.00	\$222,000.00	25
2045	\$222,000.00		\$46,330.00	\$43,000.00	\$3,330.00	\$179,000.00	26
2046	\$179,000.00		\$46,685.00	\$44,000.00	\$2,685.00	\$135,000.00	27
2047	\$135,000.00		\$46,025.00	\$44,000.00	\$2,025.00	\$91,000.00	28
2048	\$91,000.00		\$46,365.00	\$45,000.00	\$1,365.00	\$46,000.00	29
2049	\$46,000.00		\$46,690.00	\$46,000.00	\$690.00	\$0.00	30
			----- \$926,555.00	----- \$683,000.00	----- \$243,555.00		

\*Interest Only Payment

# Utah Department Of Environmental Quality

## Division Of Drinking Water

<b>LAKETOWN</b>	<b>PWS ID: UTAH17003 Rating: Approved</b>	<b>06/24/1996</b>	<b>Active</b>
<b>Legal Contact</b>	<b>Site Updates</b>	<b>Consumptive Use Zone</b>	
LAKETOWN DANIEL D STRINGHAM PO BOX 43 LAKETOWN, UT 84038 Phone: 435-946-9000 County: RICH COUNTY System Type: Community Population: 380	Last Inventory Update: 01/04/2016 Last Surveyor Update: 09/24/2015 Surveyor: MARK E HANSEN Operating Period: 1/1 - 12/31 Last IPS Update: 04/19/2018 07:00:00	Irrigation Zone: 2 Date: 02/15/2013	

### Admin Contacts

Name	Title	Office	Emergency	Email
STRINGHAM, DANIEL D		435-757-5997		ddr1@cut.net

## IPS Report

### IPS Summary

Total IPS Points	Admin & Physical Facilities	Quality & Monitoring	Operator Certification	Significant Deficiency
<b>82</b>	<b>32</b>	<b>30</b>	<b>20</b>	<b>0</b>

### Physical Facility Points

Code	Description	Severity	Point Effective					
M001	CURRENT EMERGENCY RESPONSE PROGRAM REC		-10					
			Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
						08/15/2012		-10
M004	CCC-NO ANNUAL PUBLIC EDUCATION OR AWARENESS	MIN	10					
			Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
				SYSTEM DOES NOT PROVIDE ANNUAL PUBLIC EDUCATION FOR CROSS CONNECTION CONTROL		08/14/1996		10
TD04	CL2 LACKS A 150 LB CHLORINE CYLINDER REPAIR KIT	REC	0					
			Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
			TP001 LAKETOWN CHLORINATOR		Active	06/30/2006		0
TD20	CL2 NO PRESSURE GUAGE AT IN/OUT OF INJECTOR	MIN	2					
			Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
			TP001 LAKETOWN CHLORINATOR		Active	06/30/2006		2
TD22	CL2 INSUFFICIENT BACK UP EQUIPMENT	MIN	10					

Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
TP001 LAKETOWN CHLORINATOR		Active	06/30/2006		10
V020	STORAGE FACILITY SHOWS MILD DETERIORATION	REC			0
Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
ST002 STORAGE FACILITY ST002		Active	06/30/2006		0
V021	STORAGE FACILITY SHOWS MODERATE DETERIORATION	MIN			20
Facility	Comments	Status	Determined	Point Not Assessed	Point Assessed
ST002 STORAGE FACILITY ST002	SEVER SPAULDING ON THE TOP OF THE TANK	Active	09/24/2015		20
<b>Total Effective Points: 32</b>					

### Microbial Rule Violations

Determined	Compliance Period	Code	Violation Type	Return To Compliance	Point Effective
10/31/2017	07/01/2017 - 07/31/2017	36	MONITORING, RTN/RPT MAJOR (SWTR-FILTER)	N	10
11/01/2017	08/01/2017 - 08/31/2017	36	MONITORING, RTN/RPT MAJOR (SWTR-FILTER)	N	10
11/01/2017	09/01/2017 - 09/30/2017	36	MONITORING, RTN/RPT MAJOR (SWTR-FILTER)	N	10
<b>Total Effective Points: 30</b>					

### Operator Certification Points

Type	Level Required	Highest Certificate	Point Effective
Distribution	Small System		30
Treatment			0
<b>Total Effective Points: 20</b>			

Agenda Item

4(C)(i)(b)

**DRINKING WATER BOARD**  
**BOARD PACKET FOR PROJECT UPDATE**

The Financial Assistance Committee met on April 11, 2018, and requested that staff provide an update on the Taylor-West Weber WID (District) project at the next Drinking Water Board (Board) meeting.

The Board authorized funding for the District on March 5, 2015. The funding authorization was for a loan of \$7,636,391 at 2.26% for 30 years (\$6,091,000 repayable amount with \$1,545,391 in Principal Forgiveness) and this was funded out of the Federal Drinking Water SRF program. The approved project description was for the construction of a new 3MG water tank, drilling a new well, the installation of a dedicated 12” water line between the District’s wells and an existing 1MG water tank, and the installation of 16” water line between the new 3MG water tank to the District’s distribution system.

The Board also authorized funding for the District on January 8, 2016. The funding authorization was for a loan of \$1,198,000 at 1.64% for 30 years and a grant in the amount of \$299,740 and this was funded out of the State Drinking Water SRF program. This project was for drilling and equipping a new well to replace a well that had caved in.

Both Federal and State funded projects are now complete, Federal requirements such as American Iron & Steel (AIS) as well as Davis-Bacon have been met, and both projects have funds remaining in escrow. The District is requesting the Board’s approval to expand the scope on both projects to include replacement of existing water lines in their service area as well as associated engineering costs [See attached]. These projects are included in the District’s Capital Improvements Plan. Staff is supportive of these eligible projects, and have directed the District to move forward in order to keep the projects progressing in a timely manner.

	Amt Authorized	Amt Disbursed	Amt Remaining <sup>1</sup>
Federal DWSRF	\$ 7,725,741	\$ 6,398,715	\$ 1,343,610
State SRF	\$ 1,497,740	\$ 1,376,443	\$ 131,741
<sup>1</sup> <i>Amt Remaining includes interest earned in escrow</i>			

**Staff is recommending that the Drinking Water Board authorize the expanded scope for both the Federal and State projects.**



April 20, 2018

Lisa C. Nelson, P.E.  
Division on Drinking Water  
PDF via email only

**RE: Taylor-West Weber Water Improvement District (System # 29019)  
Requesting Scope Modification for Project No. 3F234 and SRF 3S237**

On behalf of Taylor-West Weber Water Improvement District (TWWWID), we are requesting approval from the Drinking Water Board for modifications to the scope of Projects 3F234 and 3S237.

Please find the attached documents:

- Contract Documents for Project 1702 – 4700 W
- Probable Construction Costs for 1703 – 2550 S & 1801 – 1800S
- Change Order 5, Engineering Service Agreement

Project 3F234 requested scope modifications:

1. 1702 - 4700 W, 3300 S to 2550 S Waterline Installation; Approximately 5400' of 14" C900.  
Project Contract Price - \$ 728,008.00  
Engineering Fees (design & construction) - \$ 65,299.00
2. 1801 – 1800 S, 3500 W to 3900 W Waterline Installation; Approximately 3800' of 12" C900.  
Probable Construction Cost - \$ 502,087.68  
Engineering Fees (design & construction) – \$ 50,000.00

Total modification of **\$1,345,394.00** to **3F234**.

Project 3S237 requested scope modifications:

1. 1703 – 2550 S, 3500 W to Canal Waterline Installation; Approximately 1200' of 12" C900.  
Probable Construction Cost - \$ 183,332.88  
Engineering Fees (design & construction) – \$ 28,000.00

Total modification of **\$ 211,332.68** or the **remainder of funds** in **3S237**.

Thank you,

Dan White, P.E.  
Gardner Engineering

Agenda Item

4(C)(ii)(a)

Greenwich Water Association  
Presented to the Drinking Water Board  
May 11, 2018

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

**STAFF COMMENTS:**

On March 3, 2016, the Drinking Water Board authorized a loan of \$130,000 to Greenwich Water Association with \$65,000 in Principal Forgiveness for the construction of a new chlorination building. On January 23, 2018 the Division sent Greenwich Water Association a letter requesting they submit a request for extension and an update on the status of the project. To date, the Division has not received a request for extension or a project update.

**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

**The Drinking Water Board deauthorize the \$130,000 construction loan with \$65,000 in Principal Forgiveness to Greenwich Water Association.**

Agenda Item

4(C)(ii)(b)

Juab County  
Presented to the Drinking Water Board  
May 11, 2018

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

**STAFF COMMENTS:**

On March 3, 2016, the Drinking Water Board authorized a loan of \$21,210,000 to Juab County for the construction of a 10.9 mile long water pipeline from Santaquin to Mona. On May 12, 2017, the Board authorized a one year extension of the original authorization to March 3, 2018. On January 23, 2018 the Division sent Juab County a letter requesting they submit a request for extension and an update on the status of the project. To date, the Division has not received a request for extension or a project update.

**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

**The Drinking Water Board deauthorize the \$21,210,000 construction loan to Juab County.**

Agenda Item

4(C)(ii)(c)

Virgin Town  
Presented to the Drinking Water Board  
May 11, 2018

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

**STAFF COMMENTS:**

On July 8, 2016, the Drinking Water Board authorized a loan of \$1,120,000 to Virgin Town for the construction of a 500,000 gallon storage tank and replacing water lines in the distribution system. On January 23, 2018 the Division sent Virgin Town a letter requesting they submit a request for extension and an update on the status of the project. To date, the Division has not received a request for extension or a project update.

**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

**The Drinking Water Board deauthorize the \$1,120,000 construction loan to Virgin Town.**

Agenda Item

4(C)(ii)(d)

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

**APPLICANT'S REQUEST:**

Pleasant Grove is requesting \$2,300,000 in financial assistance to rehabilitate their existing springs (Battle Creek Springs) and replace the associated transmission lines with approximately 5,000 linear feet of high density polyethylene (HDPE) pipe on a new alignment.

**STAFF COMMENTS:**

The local MAGI for Pleasant Grove is \$47,363 and exceeds the State MAGI of \$44,268. The current average water bill is \$42 per month, which is 1.05% of the local MAGI. Pleasant Grove has a base rate of \$20.81 for the first 5,000 gallons with a progressive overage charge system. The water system income consists of revenue from monthly water bills, impact fees and connection fees. Pleasant Grove did not qualify for a grant subsidy on this project, but the 60 Financial Need points makes the City eligible for reduced interest/fee.

Option #	Description	Repayable Loan Amount	Interest Rate/Fee	Term	Principal Forgiveness	Monthly Water Rate	% Local MAGI
1	RBBI	\$2,300,000	3.92%	20	0	\$53.77	1.36%
2	<b>100% Loan</b>	<b>\$2,300,000</b>	<b>2.0%</b>	<b>20</b>	<b>0</b>	<b>\$53.48</b>	<b>1.35%</b>

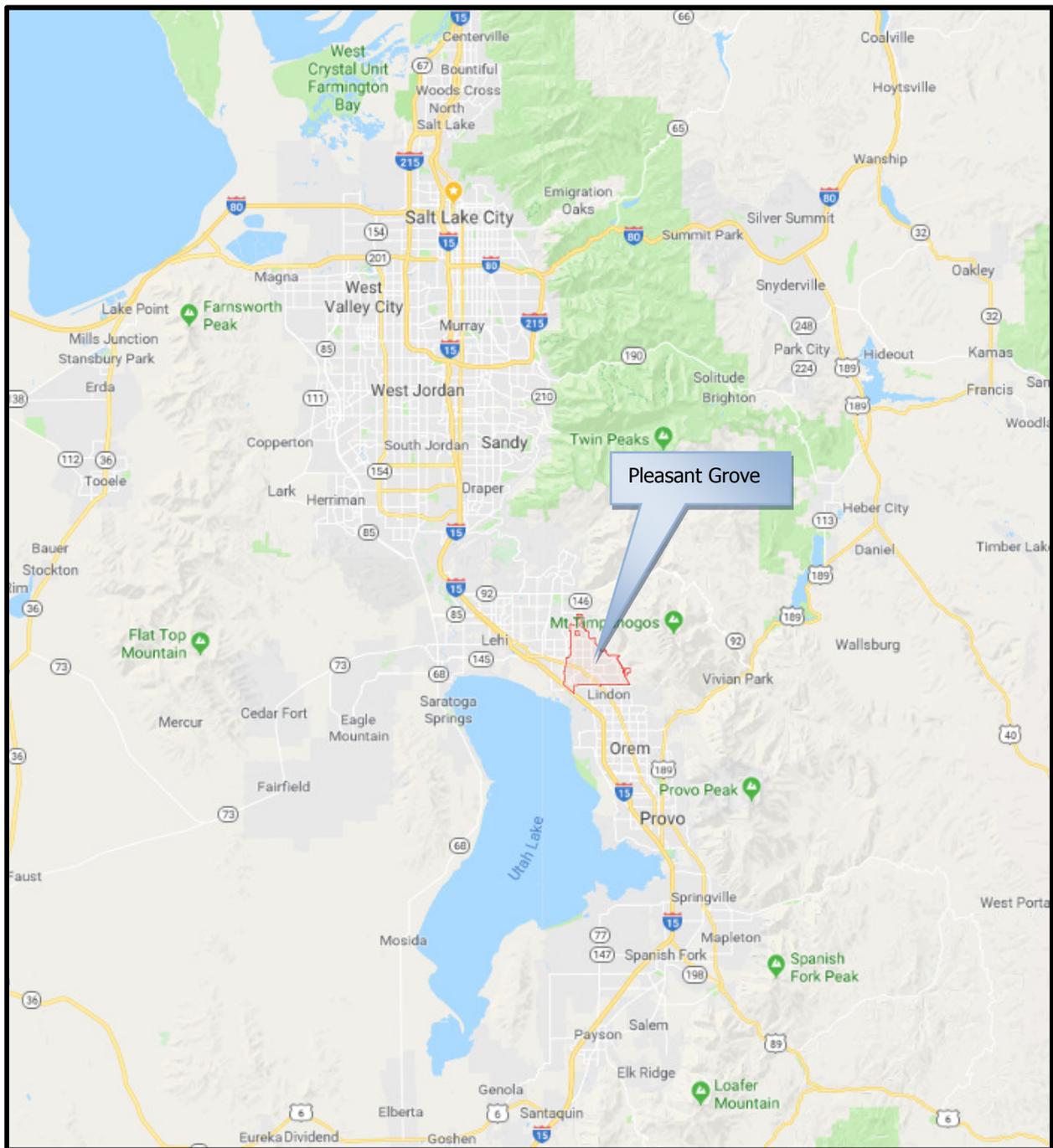
**FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:**

**The Drinking Water Board authorize a loan of \$2,300,000 at 2% interest/fee for 20 years and includes a Loan Origination Fee of \$23,000.**

**APPLICANT'S LOCATION:**

Pleasant Grove is located in Utah County approximately 35 miles south of Salt Lake City.

**MAP OF APPLICANT'S LOCATION:**



**PROJECT DESCRIPTION:**

The City of Pleasant Grove intends to replace aging water lines in their existing drinking water collection system in Battle Creek Canyon. Pleasant Grove is the holder of a special use permit issued by the United States Forest Service for the operation and maintenance of several spring collection sites and an associated drinking water pipeline within Battle Creek Canyon. The existing spring collection system in Battle Creek Canyon consists of approximately eight spring collection areas and associated pipelines. The system is approximately 80 years old, is leaking in multiple locations, and has completely failed in at least four locations. This presents a risk to public health as continued corrosion of the pipeline will increase the potential for contamination of the drinking water supply.

The purpose of the proposed drinking water pipeline project is to:

- Maintain the delivery of high quality drinking water to the citizens of Pleasant Grove without the need to implement extensive water treatment or additional pumping;
- Improve access to the water delivery system to allow for future maintenance needs.

The proposed action would:

- Abandon portions of the existing steel pipeline where aged and failing (approximately 5,530 feet);
- Install 5,600 feet of high density polyethylene pipeline (including associated air vents) on a new alignment;
- Re-establish maintenance access routes for the spring collection system, and
- Stabilize erosion prone areas in association with the pipeline.

**POPULATION GROWTH:**

According to the State of Utah Governor’s Office of Management & Budget, the anticipated growth rate for Utah County is approximately 2% per year over the next 20 years.

	<u>Year</u>	<u>Pleasant Grove Population</u>	<u>Pleasant Grove Connections</u>
Current:	2020	40,034	8,866
Projected:	2040	47,053	13,500

**IMPLEMENTATION SCHEDULE:**

Apply to DWB for Funds:	March 2018
DWB Funding Authorization:	May 2018
Plan Approval	June 2018
Advertise for Bids:	June 2018
Bid Opening	June 2018
Loan Closing	July 2018
Begin Construction	July 2018
Complete Construction	November 2018
Receive Operating Permit:	November 2018

**COST ESTIMATE:**

Legal/Bonding/Financial	\$ 45,000	
DDW Loan Origination Fee	\$ 23,000	
Engineering – Planning	\$ 38,000	} \$290,000 12.6%
Engineering – Environmental	\$ 55,000	
Engineering – Design	\$ 60,000	
Engineering – CMS	\$ 137,000	
Forest Service Cost Recovery	\$ 40,000	
Construction	\$ 1,732,000	
Contingency (~ 10%)	\$ 170,000	
<b>Total</b>	<b>\$ 2,300,000</b>	

**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	\$ 2,300,000	100%
Local Contribution	\$ 0	0%
	\$ 2,300,000	100%

APPLICANT: Pleasant Grove City  
70 South 100 East  
Pleasant Grove, UT 84003  
801-785-2941

PRESIDING OFFICIAL &  
CONTACT PERSON: Marty Beaumont  
Public Works Director/City Engineer  
323 West 700 South  
Pleasant Grove, UT 84062  
801-785-2941  
mbeaumont@pgcity.org

TREASURER/RECORDER: Denise Roy  
801-785-5045  
Droy@pgcity.org

CONSULTING ENGINEER: John Schiess, P.E.  
Horrocks Engineers  
2162 West Grove Parkway, Suite 400  
Pleasant Grove, UT 84062  
801-763-5201  
jschiess@horrocks.com

FINANCIAL CONSULTANT: Johnathan Ward  
Zions Public Finance  
One S. Main Street 18<sup>th</sup> Fl  
Salt Lake City, UT 84133-7379  
801-844-7379  
Johnathan.ward@zionsbank.com

BOND ATTORNEY: Randall Larsen  
Gilmore & Bell, P.C.  
15 W. South West Tempe, ste 1450  
Salt Lake City, UT 84101  
801-258-2722  
rlarsen@gilmorebell.com



# Pleasant Grove

## PROPOSED BOND REPAYMENT SCHEDULE

100 % Loan & 0 % Grant

PRINCIPAL	\$2,300,000.00	ANTICIPATED CLOSING DATE	01-Jun-18
INTEREST	2.00%	FIRST P&I PAYMENT DUE	01-Jan-20
TERM	20	REVENUE BOND	
NOMIN. PAYMENT	\$140,660.45	GRANT AMOUNT:	\$0.00

YEAR	BEGINNING BALANCE	DATE OF PAYMENT	PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	PAYM NO.
2020	\$2,300,000.00		\$72,833.33 *	\$0.00	\$72,833.33	\$2,300,000.00	0
2021	\$2,300,000.00		\$141,000.00	\$95,000.00	\$46,000.00	\$2,205,000.00	1
2022	\$2,205,000.00		\$141,100.00	\$97,000.00	\$44,100.00	\$2,108,000.00	2
2023	\$2,108,000.00		\$140,160.00	\$98,000.00	\$42,160.00	\$2,010,000.00	3
2024	\$2,010,000.00		\$140,200.00	\$100,000.00	\$40,200.00	\$1,910,000.00	4
2025	\$1,910,000.00		\$140,200.00	\$102,000.00	\$38,200.00	\$1,808,000.00	5
2026	\$1,808,000.00		\$141,160.00	\$105,000.00	\$36,160.00	\$1,703,000.00	6
2027	\$1,703,000.00		\$141,060.00	\$107,000.00	\$34,060.00	\$1,596,000.00	7
2028	\$1,596,000.00		\$140,920.00	\$109,000.00	\$31,920.00	\$1,487,000.00	8
2029	\$1,487,000.00		\$140,740.00	\$111,000.00	\$29,740.00	\$1,376,000.00	9
2030	\$1,376,000.00		\$140,520.00	\$113,000.00	\$27,520.00	\$1,263,000.00	10
2031	\$1,263,000.00		\$140,260.00	\$115,000.00	\$25,260.00	\$1,148,000.00	11
2032	\$1,148,000.00		\$140,960.00	\$118,000.00	\$22,960.00	\$1,030,000.00	12
2033	\$1,030,000.00		\$140,600.00	\$120,000.00	\$20,600.00	\$910,000.00	13
2034	\$910,000.00		\$140,200.00	\$122,000.00	\$18,200.00	\$788,000.00	14
2035	\$788,000.00		\$140,760.00	\$125,000.00	\$15,760.00	\$663,000.00	15
2036	\$663,000.00		\$140,260.00	\$127,000.00	\$13,260.00	\$536,000.00	16
2037	\$536,000.00		\$140,720.00	\$130,000.00	\$10,720.00	\$406,000.00	17
2038	\$406,000.00		\$141,120.00	\$133,000.00	\$8,120.00	\$273,000.00	18
2039	\$273,000.00		\$140,460.00	\$135,000.00	\$5,460.00	\$138,000.00	19
2040	\$138,000.00		\$140,760.00	\$138,000.00	\$2,760.00	\$0.00	20
			\$2,885,993.33	\$2,300,000.00	\$585,993.33		

\*Interest Only Payment

# Agenda Item

5

**DRINKING WATER BOARD PACKET**  
**Rural Water Association Report**

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**Terry Smith - Management Technician –  
Drinking Water Board Report**

**1/15/2018 - 4/15/2018**

**January**

Onsite:

- 15th - Thompson Springs: Met with mayor and council person to inspect current chlorinator and advise as to upgrade/replacement. Instructed on O&M.
- 16th - Green River: Met with City Treasurer, discussed rates & structure, funding, asset management. Addressing Disinfection-By-Products problems, I created a Unidirectional flushing plan/spreadsheet for PWD, Bryan Meadows.
- 18th - Hinckley City: Met with new mayor, rates/funding. Scheduled to follow up with meeting on May 8th.
- 18th - Goshen Town: Met with new mayor, toured system, discussed overall system operation, chlorination treatment, water rates. Currently working with them on water rates.
- 19th - Delta City: Met with PWD and Treasurer. Working with them on rates/asset management.
- 30th - Manila Town: Met with new mayor, discussed rates, funding. She later contacted me to inquire when I could help them further.

Offsite:

- Joseph Town: Created a budget/rate calculator; sent to them for review.
- Dutch John: Created a budget/rate calculator; sent to them for review, waiting for final budget numbers.

**February:**

Onsite:

- 1st - Scipio Town: Met with new mayor to advise on chlorination modifications. Discussed rates/funding and how I could assist.
- 8th - Monroe City: Presented at regional training on system operation and management.
- 12-13th - Boyer Hill: Tutored three operators. All passed the op-cert exam that I proctored on the afternoon of the 13th.
- 21st - Joseph Town: Met with clerk to review & instruct on rate spreadsheet.
- 26th - 2nd: Annual Conference in St. George.

Offsite:

- Dutch John: Refined asset management/rates spreadsheet.
- Joseph Town: Refined rates/budgeting spreadsheet.

- Goshen Town: Rates/budgeting spreadsheet.
- Hinckley City: Rates/budgeting spreadsheet.
- Angell Springs & Leeds DWC: Working with system clerk on compliance issues after the loss of the operator.

**March:**

Onsite:

- 12th - Tropic Town: Flowing hydrants, I helped them determine fire flow capabilities in regards to school remodeling plans.
- 13th - Price City: Regional training. Presented on pumps/motors & asset management.
- 14th - East Carbon: Met with PWD to review changes to operational procedures in an effort to reduce DBP's in the system.
- 14th - Goshen Town: Met with clerk to talk about her progress on rate data review. I also followed up on our early conversation - her taking chlorine residuals. Since she is there daily, she could take them more easily than their part-time operator. She hadn't gotten a test kit yet, so I told her I would get them one and bill them (Later in the month I dropped it off). I also created an online spreadsheet that she and the operator could collaborate on to ensure that all the data was being collected, etc.
- 26th - Redmond Town: At the mayor's request, Greg Johnson and I spent the afternoon there helping them prepare for adjusting the distribution system pressure zones at 5:00 pm that day. Went through the PRV to insure that it was working, monitored pressures afterwards, etc.
- 27th - Goshen Town: Their maintenance person called me that morning to report that their chlorinator had malfunctioned and was leaking. He had turned it off; needed help in repairing. I adjusted my plans for the day and went there that afternoon. Helped him repair and get it back online, then called supplier & told him parts that were needed; asked him to call town clerk for purchasing approval.

Offsite:

- Green Hills: Jean Brill, new council person, asked if I could help them with asset management and rates. I created a draft rate model in order to help her understand what I would need, etc.
- Old Meadows: At the DDW's request, I contacted them (Jenny Schrimshaw) about compliance issues (329 points/non-approved). Sent her a detailed email outlining deficiencies and what needed to be done ASAP. She responded back with appreciation and assurance that she would address them right away.

**April:**

Onsite:

- 2nd - 4th, Operator Certification - Provo City
- 9th - 11th, Operator Certification - North Salt Lake
- 17th - Presented at Finance Forum Conference, Casper Wy.; Operational Resiliency and Stakeholder Support

Offsite:

- Created two training presentations: Operational Optimization and Operational Resiliency
- Created an online Rate/Asset Management demonstration spreadsheet using Google Docs, to allow me to easily share with system management when seeking to get them involved with letting me help them via this means.

## **Brian Pattee – Compliance Circuit Rider**

### **DRINKING WATER BOARD REPORT**

**Jan. 12th 2018 to April 15<sup>th</sup> 2018**

- CAP,s Meeting Attendance and Participation  
DWB Meeting Attendance and Participation
  
  - Water System,s Assisted /Onsite Visits
    - Ute Tribe – wholesales to Utah Systems, EPA requested Sampling
    - Lila Canyon Mine – CCC CL2 Reports, Ongoing
    - Saratoga Springs – Site Sample plans,
    - Delle Auto Truck Stop – new owner all compliance
    - Christian Life Assembly – CCC, SSplan – moved to approved
    - Logan City - CCC Tester Instruction
    - Sorrell River Ranch – All Compliance, on going
    - Monticello – Treatment Plant Training for me.
    - Bryce Canyon Pines- Exception Letter, in process.
  
  - Trainings Attended
    - Well Reconditioning, Hansen Allen & Luce
  
    - USDA RD Loan Seminar, Salt Lake office
  
  - Taught/Presented at American Land & Leisure Conference – Water System ,Sanitary Surveys, Sampling, CCC, seasonal start up , disinfection to Their staff and system managers from around the country. 100 + Utah systems they manage.
  
  - Working with DDW staff in setting up 6 Chlorination Trainings throughout the state for the 3<sup>rd</sup>, 4th quarter of 2018.
- Misc. Tasks.
- RWAU Annual Conference
  
  - Proctor Operator Certification

**Curt Ludvigson – Development Specialist**  
**Drinking Water Board Report**

**May 11, 2018**

Dear Members of the Drinking Water Board;

My report this month will summarize my work from January 15 – February 28 of this year. It was a very busy month and a half, as we were busy putting the final touches on Annual Conference preparations.

The Counties that I visited and worked with were, Carbon, Emery, Sevier, Piute, Sanpete, Garfield, Kane, Iron, Beaver, Utah, Wasatch, Davis, Millard, and Juab.

In Carbon and Emery Counties my work consisted of discussions with County Commissioners and Planners, geared toward getting a Non-Public Drinking Water System Rule adopted. We had discussions similar to those I have had previously, as I explained the advantages of having such a rule, or Ordinance and the contents of such an Ordinance. With the recent appointment of a new director of the Southeast Health Department, which comprises of Carbon, Emery, and Grand Counties, I have been working, and plan to continue working with the District Engineer and the Director of the Health Department in getting the Ordinance adopted for those counties.

My meeting with the Wasatch County Health Department was discussion with Tracy Richardson about the needed Non-Public Drinking Water System Rule for Wasatch County. I have made presentations there before, and I hope to get them to adopt the Ordinance soon.

In Sanpete, Sevier, Juab, Millard, Wayne, and Piute counties, I met with several of the Commissioners and Planners, as well as the District Engineer, John Chartier, in making strategies for getting the Non-Public rule adopted in those counties through the Health Department. As I have reported in previous meetings, the Millard County Commissioners have really fought against this rule and they continue coming up with objections, all of which slows the process down and delays the adoption of the rule.

In each of the other counties listed, I have met with the County Planners and discussed the need for them to enforce the rules and ordinances that they have adopted. Each of them have adopted a Non-Public System Ordinance, but many of them are not following the ordinances as they should. I have reviewed the contents of the ordinance with them, discussed specific situations where they are having problems, made several recommendations and offered to meet with them along with the developers or other citizens in an attempt to mediate conflicts. I have also discussed the need for them to work with their District Engineers and receive their help with the enforcement issues.

Additionally I spent time meeting with Wellington, Mt. Pleasant, Gunnison and other communities in doing budget reviews, discussing projects they are contemplating, explaining funding options for projects, etc.

As always, I thank you for your service, our working relationships, and our personal friendships! I look forward to continuing to work as the Development Specialist in fulfilling the details of the upcoming contract between the Division of Drinking Water and the Rural Water Association.

Sincerely,

Curtis Ludvigson

# Agenda Item

6(A)

H.B. 303  
Presented to the Drinking Water Board  
May 11, 2018

**DRINKING WATER BOARD PACKET**  
**H.B. 303**  
**Drinking Water Source Sizing Requirements**

**DRINKING WATER SOURCE SIZING REQUIREMENTS**

2018 GENERAL SESSION

STATE OF UTAH

**Chief Sponsor: Scott D. Sandall**

Senate Sponsor: David G. Buxton

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**LONG TITLE**

**General Description:**

This bill amends provisions related to drinking water source and storage requirements.

**Highlighted Provisions:**

This bill:

- ▶ amends definitions;
- ▶ amends powers of the Drinking Water Board;
- ▶ requires certain public water systems to provide certain water use data;
- ▶ requires the director of the Division of Drinking Water to establish water source sizing requirements for certain public water systems; and
- ▶ makes technical changes.

**Money Appropriated in this Bill:**

None

**Other Special Clauses:**

None

**Utah Code Sections Affected:**

AMENDS:

**19-4-102**, as last amended by Laws of Utah 2012, Chapter 360

**19-4-104**, as last amended by Laws of Utah 2016, Chapter 58

ENACTS:

**19-4-114**, Utah Code Annotated 1953

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*Be it enacted by the Legislature of the state of Utah:*

30 Section 1. Section **19-4-102** is amended to read:

31 **19-4-102. Definitions.**

32 As used in this chapter:

33 (1) "Board" means the Drinking Water Board appointed under Section **19-4-103**.

34 (2) "Community water system" means a public water system that serves residents  
35 year-round.

36 [~~2~~] (3) "Contaminant" means a physical, chemical, biological, or radiological  
37 substance or matter in water.

38 [~~3~~] (4) "Director" means the director of the Division of Drinking Water.

39 [~~4~~] (5) "Division" means the Division of Drinking Water, created in Subsection  
40 **19-1-105(1)(b)**.

41 [~~5~~] (6) (a) "Groundwater source" means an underground opening from or through  
42 which groundwater flows or is pumped from a subsurface water-bearing formation.

43 (b) "Groundwater source" includes:

44 (i) a well;

45 (ii) a spring;

46 (iii) a tunnel; or

47 (iv) an adit.

48 [~~6~~] (7) "Maximum contaminant level" means the maximum permissible level of a  
49 contaminant in water that is delivered to a user of a public water system.

50 [~~7~~] (8) (a) "Public water system" means a system providing water for human  
51 consumption and other domestic uses that:

52 (i) has at least 15 service connections; or

53 (ii) serves an average of 25 individuals daily for at least 60 days of the year.

54 (b) "Public water system" includes:

55 (i) a collection, treatment, storage, or distribution facility under the control of the  
56 operator and used primarily in connection with the system; and

57 (ii) a collection, pretreatment, or storage facility used primarily in connection with the

58 system but not under the operator's control.

59 ~~[(8)]~~ (9) "Retail water supplier" means a person that:

60 (a) supplies water for human consumption and other domestic uses to an end user; and

61 (b) has more than 500 service connections.

62 ~~[(9)]~~ (10) "Supplier" means a person who owns or operates a public water system.

63 ~~[(10)]~~ (11) "Wholesale water supplier" means a person that provides most of that  
64 person's water to a retail water supplier.

65 Section 2. Section 19-4-104 is amended to read:

66 **19-4-104. Powers of board.**

67 (1) (a) The board may make rules in accordance with Title 63G, Chapter 3, Utah  
68 Administrative Rulemaking Act:

69 (i) establishing standards that prescribe the maximum contaminant levels in any public  
70 water system and provide for monitoring, record-keeping, and reporting of water quality related  
71 matters;

72 (ii) governing design, construction, operation, and maintenance of public water  
73 systems;

74 (iii) granting variances and exemptions to the requirements established under this  
75 chapter that are not less stringent than those allowed under federal law;

76 (iv) protecting watersheds and water sources used for public water systems; ~~[and]~~

77 (v) governing capacity development in compliance with Section 1420 of the federal  
78 Safe Drinking Water Act, 42 U.S.C. Sec. 300f et seq.; and

79 (vi) for a community water system failing to comply with the reporting requirements  
80 under Subsections (1)(c)(iv) and (v):

81 (A) establishing fines and penalties, including posting on the division's web page those  
82 community water systems that fail to comply with the reporting requirements; and

83 (B) allowing a community water system, in lieu of penalties established under  
84 Subsection (1)(a)(vi)(A), to enter into a corrective action agreement with the division that  
85 requires compliance and establishes a compliance schedule approved by the director.

86 (b) The board may:  
87 (i) order the director to:  
88 (A) issue orders necessary to enforce the provisions of this chapter;  
89 (B) enforce the orders by appropriate administrative and judicial proceedings; or  
90 (C) institute judicial proceedings to secure compliance with this chapter;  
91 (ii) (A) hold a hearing that is not an adjudicative proceeding relating to the  
92 administration of this chapter; or  
93 (B) appoint hearing officers to conduct a hearing that is not an adjudicative proceeding;  
94 or  
95 (iii) request and accept financial assistance from other public agencies, private entities,  
96 and the federal government to carry out the purposes of this chapter.  
97 (c) The board shall:  
98 (i) require the submission to the director of plans and specifications for construction of,  
99 substantial addition to, or alteration of public water systems for review and approval by the  
100 board before that action begins and require any modifications or impose any conditions that  
101 may be necessary to carry out the purposes of this chapter;  
102 (ii) advise, consult, cooperate with, provide technical assistance to, and enter into  
103 agreements, contracts, or cooperative arrangements with state, federal, or interstate agencies,  
104 municipalities, local health departments, educational institutions, and others necessary to carry  
105 out the purposes of this chapter and to support the laws, ordinances, rules, and regulations of  
106 local jurisdictions;  
107 (iii) develop and implement an emergency plan to protect the public when declining  
108 drinking water quality or quantity creates a serious health risk and issue emergency orders if a  
109 health risk is imminent;  
110 ~~[(iv) require a certified operator of a public water supplier to verify by signature and~~  
111 ~~certification number, or a professional engineer performing the duties of a certified water~~  
112 ~~operator to verify by signature and stamp, the accuracy of any data on water use and water~~  
113 ~~supply submitted by the public water supplier to the division; and]~~

114 (iv) require a community water system serving a population of 500 or more to annually  
115 collect accurate water use data, described in Subsection (6), and annually report that data to the  
116 Division of Water Rights;

117 (v) require a certified operator, or a professional engineer performing the duties of a  
118 certified water operator, to verify by certification or license number the accuracy of water use  
119 data reported by a public water system, including the data required from a community water  
120 system under Subsection (1)(c)(iv); and

121 [~~(v)~~] (vi) meet the requirements of federal law related or pertaining to drinking water.

122 (2) (a) The board may adopt and enforce standards and establish fees for certification  
123 of operators of any public water system.

124 (b) The board may not require certification of operators for a water system serving a  
125 population of 800 or less except:

126 (i) to the extent required for compliance with Section 1419 of the federal Safe Drinking  
127 Water Act, 42 U.S.C. Sec. 300f et seq.; and

128 (ii) for a system that is required to treat its drinking water.

129 (c) The certification program shall be funded from certification and renewal fees.

130 (3) Routine extensions or repairs of existing public water systems that comply with the  
131 rules and do not alter the system's ability to provide an adequate supply of water are exempt  
132 from the provisions of Subsection (1)(c)(i).

133 (4) (a) The board may adopt and enforce standards and establish fees for certification  
134 of persons engaged in administering cross connection control programs or backflow prevention  
135 assembly training, repair, and maintenance testing.

136 (b) The certification program shall be funded from certification and renewal fees.

137 (5) A board member may not speak or act for the board unless the board member is  
138 authorized by a majority of a quorum of the board in a vote taken at a meeting of the board.

139 (6) (a) The water use data required to be collected in Subsection (1)(c)(iv) shall include  
140 peak day source demand, average annual demand, the number of equivalent residential  
141 connections for retail service, and the quantity of non-revenue water.

142 (b) The division may, by rule, establish:

143 (i) other types of water use data required to be collected in addition to that listed in  
144 Subsection (6)(a); and

145 (ii) alternative methods for calculating the water use data listed in Subsection (6)(a).

146 Section 3. Section **19-4-114** is enacted to read:

147 **19-4-114. Source and storage minimum sizing requirements for public water**  
148 **systems.**

149 (1) (a) Except as provided in Subsection (1)(b) and upon submission of plans for a  
150 substantial addition to or alteration of a community water system, the director shall establish  
151 system-specific source and storage minimum sizing requirements for a community water  
152 system serving a population of more than 3300 based on at least the most recent three years of  
153 a community water system's actual water use data submitted in accordance with Subsections  
154 19-4-104(1)(c)(iv) and (v).

155 (b) If the water use data required under Subsection 19-4-104(1)(c)(iv) is not available  
156 to the division, or if the community water system determines that the data submitted does not  
157 represent future system use, the director may establish source and storage minimum sizing  
158 requirements for the community water system based on:

159 (i) an engineering study submitted by the community water system and accepted by the  
160 director; or

161 (ii) at least three years of historical water use data that is:

162 (A) submitted by the community water system; and

163 (B) accepted by the director.

164 (c) A community water system serving a population of more than 3300 shall provide  
165 the information necessary to establish the system-specific standards described in this  
166 Subsection (1) by no later than March 1, 2019.

167 (2) (a) By no later than October 1, 2023, and except as provided in Subsection (2)(b),  
168 the director shall establish system-specific source and storage minimum sizing requirements for  
169 a community water system serving a population of between 500 and no more than 3300 based

170 on at least the most recent three years of a community water system's actual water use data  
171 submitted in accordance with Subsections 19-4-104(1)(c)(iv) and (v).

172 (b) If the water use data required under Subsection 19-4-104(1)(c)(iv) is not available  
173 to the division, or if the community water system determines that the data submitted does not  
174 represent future system use, the director may establish source and storage minimum sizing  
175 requirements for the community water system based on:

176 (i) an engineering study submitted by the community water system and accepted by the  
177 director; or

178 (ii) at least three years of historical water use data that is:

179 (A) submitted by the community water system; and

180 (B) accepted by the director.

181 (c) A community water system serving a population of between 500 and no more than  
182 3300 shall provide the information necessary to establish system-specific standards described  
183 in this Subsection (2) by no later than March 1, 2023.

184 (3) The director shall establish system-specific source and storage minimum sizing  
185 requirements for a community water system serving a population of fewer than 500 based on:

186 (a) at least the most recent three years of a community water system's actual water use  
187 data submitted to the division and accepted by the director;

188 (b) an engineering study submitted by the community water system and accepted by the  
189 director;

190 (c) standards, comparable to those of established community water systems, as  
191 determined by the director; or

192 (d) relevant information, as determined by the director.

193 (4) The director shall:

194 (a) for community water systems described in Subsection (3), establish a schedule to  
195 transition from statewide sizing standards to system-specific standards;

196 (b) establish minimum sizing standards for public water systems that are not  
197 community water systems;

198 (c) provide for the routine evaluation of changes to the system-specific standards; and

199 (d) include, as part of system-specific standards, necessary fire storage capacity in  
200 accordance with the state fire code adopted under Section [15A-1-403](#).

201 (5) The director may adjust system-specific sizing standards, established under this  
202 section for a public water system, based on information submitted by the public water system  
203 addressing the effect of any wholesale water deliveries or other system-specific conditions  
204 affecting infrastructure needs.

205 (6) A wholesale water supplier is exempt from this section if the wholesale water  
206 supplier serves:

207 (a) a total population of more than 10,000; and

208 (b) a wholesale population that is 75% or more of the total population served.

Agenda Item

6(B)

## **DRINKING WATER BOARD PACKET**

### **Lead in Schools Update**

While the Division of Drinking Water did not quite meet our goal of every school in the state being sampled; there was very high participation which allows us to be extremely confident in the statistical representation of the data as seen below.

#### **Sampling Statistics**

- 700 schools were sampled equaling 83% participation by school and 1700 samples.
- 40 schools (4 school districts) declined to respond to multiple invitations to meet with us or to collect any samples to our knowledge.
- 100 schools agreed to sample but declined to share their data with us. Their status is also unknown.
- The samples cost \$25 a sample. The division was asked to pay for less than 400 samples.
- Most school districts used their own staff to collect samples. Rural Water Association of Utah and local health departments also helped with sample collection in some cases.
- Charter schools, college and university campuses, and day care facilities were not part of this initiative.

#### **Exposure (Results) Statistics**

- 22 schools (3% of participating schools) had at least one sample result above the EPA action level of 15ug/L. Note that this is not a health based limit, but the level set by EPA in the Lead and Copper Rule triggering water systems to take action to reduce the corrosivity of the water.
- 40% of the results received were between 1 ug/L and 15 ug/L.
- 40% of the results received were below 1 ug/L but detectable.
- 17% of the samples were non-detect. This equals only 70 schools (10% of participating schools) in the state that showed no exposure to their students from the drinking water.

Statistically, of the schools that did not participate or share data, we expect there are at least four additional schools that have actionably high levels of lead that should be mitigated

Even though schools fall outside our direct authority, the Division of Drinking Water appreciates the State of Utah School Districts and Local Health Departments assistance with our commitment to protecting public health and ensuring the continuous delivery of high quality drinking water throughout the State.

# Agenda Item

6(C)

Enforcement Report  
Presented to the Drinking Water Board  
May 11, 2018

**DRINKING WATER BOARD PACKET**  
**Enforcement Report**

<b>PWS ID</b>	<b>Name</b>	<b>Type</b>	<b>Population</b>	<b>County</b>	<b>IPS Points</b>	<b>Rating</b>	<b>Rating Date</b>
UTAH01012	ARROWHEAD INVESTMENT INC	Non-Community	80	BEAVER COUNTY	71	Not Approved	9/29/2005
UTAH01028	BIG FLAT GUARD STATION	Non-Community	25	BEAVER COUNTY	111	Not Approved	1/29/2018
UTAH02069	SUNSET PARK WATER CO.	Community	44	BOX ELDER COUNTY	66	Not Approved	5/29/2013
UTAH03076	SHERWOOD HILLS RESORT	Non-Transient	75	CACHE COUNTY	290	Not Approved	11/3/2016
UTAH06003	CLINTON CITY WATER SYSTEM	Community	22000	DAVIS COUNTY	-6	Corrective Action	8/5/2015
UTAH06008	WEBER BASIN JOB CORPS	Community	305	DAVIS COUNTY	40	Not Approved	6/15/2016
UTAH07039	CAMPERWORLD - LAKESIDE PARK	Non-Community	28	DUCHESNE COUNTY	200	Not Approved	11/3/2016
UTAH07061	VALLE DEL PADRES SUBDIV	Non-Transient	205	DUCHESNE COUNTY	172	Not Approved	6/10/1999
UTAH07070	REID RANCH	Non-Community	30	DUCHESNE COUNTY	66	Corrective Action	3/13/2017
UTAH08048	LILA CANYON MINE	Non-Transient	300	EMERY COUNTY	390	Not Approved	5/11/2017
UTAH09034	BEAR PAW LAKEVIEW RESORT	Non-Community	80	GARFIELD COUNTY	182	Not Approved	3/31/2016
UTAH09053	SKOOTS CREEK SUBDIVISION	Non-Community	82	GARFIELD COUNTY	137	Not Approved	12/15/2004
UTAH09074	LAKE FRONT ESTATES	Non-Community	25	GARFIELD COUNTY	116	Not Approved	3/15/2018
UTAH09077	BRISTLECONE	Non-Community	180	GARFIELD COUNTY	268	Not Approved	9/12/2017
UTAH09084	JNB MARINE	Non-Community	36	GARFIELD COUNTY	35	Not Approved	9/17/2002
UTAH09098	SHOOTING STAR RV RESORT	Non-Community	107	GARFIELD COUNTY	95	Not Approved	5/11/2017
UTAH10014	CANYONLANDS FIELD	Non-Community	55	GRAND COUNTY	210	Not Approved	3/15/2018
UTAH10033	SORREL RIVER RANCH WATER	Non-Transient	155	GRAND COUNTY	522	Not Approved	7/26/2017
UTAH10034	ARCHVIEW RESORT CAMPGROUND	Non-Community	506	GRAND COUNTY	320	Not Approved	4/18/2017
UTAH10037	RED CLIFFS RANCH WATER	Non-Community	3024	GRAND COUNTY	25	Not Approved	3/15/2018
UTAH11043	OLD MEADOWS WATER CO.	Community	48	IRON COUNTY	329	Not Approved	4/18/2017
UTAH12004	EUREKA TOWN	Community	760	JUAB COUNTY	154	Not Approved	3/31/2016
UTAH13032	BRYCE-ZION CAMPGROUND	Non-Community	170	KANE COUNTY	130	Not Approved	3/15/2018
UTAH13044	ZION PONDEROSA RANCH CABINS	Non-Community	208	KANE COUNTY	10	Not Approved	11/10/2014
UTAH13054	RANCH AT ZION	Non-Community	201	KANE COUNTY	140	Not Approved	11/19/2015
UTAH13055	ZION MOUNTAIN RESORT	Non-Community	204	KANE COUNTY	159	Not Approved	9/12/2017
UTAH14068	LIQUA DRY, INC	Non-Transient	35	MILLARD COUNTY	25	Corrective Action	3/9/2016
UTAH15001	CROYDON PIPELINE CORPORATION	Community	83	MORGAN COUNTY	80	Not Approved	7/7/2015
UTAH15015	MOUNTAIN GREEN WATER ASSOCIATION	Community	60	MORGAN COUNTY	-18	Not Approved	6/15/2016
UTAH15027	ROUND VALLEY COUNTRY CLUB	Non-Community	25	MORGAN COUNTY	138	Corrective Action	11/13/2012
UTAH15038	TAGGARTS GRILL	Non-Community	60	MORGAN COUNTY	77	Corrective Action	2/6/2018
UTAH17022	MOUNTAIN MEADOW IMPROVEMENT DISTRICT	Community	80	RICH COUNTY	191	Not Approved	3/15/2018

<b>PWS ID</b>	<b>Name</b>	<b>Type</b>	<b>Population</b>	<b>County</b>	<b>IPS Points</b>	<b>Rating</b>	<b>Rating Date</b>
UTAH18140	CARDIFF A.P.O.	Non-Community	83	SALT LAKE COUNTY	65	Not Approved	5/11/2017
UTAH19079	BLUE MOUNTAIN RANCH RECREATION	Non-Community	200	SAN JUAN COUNTY	-30	Corrective Action	9/3/2015
UTAH20063	PALISADES WATER COMPANY	Community	51	SANPETE COUNTY	0	Corrective Action	2/18/2016
UTAH20066	MOUNTAIN DELL SCOUT RANCH	Non-Community	580	SANPETE COUNTY	45	Not Approved	4/18/2017
UTAH21003	AUSTIN SSD	Community	150	SEVIER COUNTY	10	Corrective Action	3/23/2015
UTAH21050	LIZARD BENCH WATER ASSOCIATION	Community	63	SEVIER COUNTY	10	Corrective Action	8/18/2016
UTAH22022	CAMPERWORLD - KNOTTY PINE	Non-Community	354	SUMMIT COUNTY	65	Not Approved	6/15/2016
UTAH22064	THE NOTCH	Non-Community	31	SUMMIT COUNTY	80	Corrective Action	8/5/2015
UTAH22078	PINECLIFF CAMP	Non-Community	75	SUMMIT COUNTY	101	Not Approved	11/1/2017
UTAH22094	PARK CITY MOUNTAIN RESORT	Non-Community	1050	SUMMIT COUNTY	180	Not Approved	11/3/2016
UTAH22104	LAKE ROCKPORT ESTATES	Community	200	SUMMIT COUNTY	105	Corrective Action	10/30/2013
UTAH22112	CHRISTMAS MEADOWS CABINS	Non-Community	50	SUMMIT COUNTY	177	Corrective Action	10/4/2016
UTAH22117	BRIDGE HOLLOW WATER ASSOCIATION	Community	60	SUMMIT COUNTY	75	Not Approved	6/7/2017
UTAH23028	DELLE AUTO TRUCK STOP	Non-Community	29	TOOELE COUNTY	163	Not Approved	6/29/2015
UTAH23075	PENNEYS GRILL LLC	Non-Community	27	TOOELE COUNTY	95	Not Approved	9/12/2017
UTAH25013	GOSHEN TOWN WATER SYSTEM	Community	925	UTAH COUNTY	411	Corrective Action	3/8/2016
UTAH25023	BRICKERHAVEN SUBDIVISION	Non-Community	150	UTAH COUNTY	351	Corrective Action	11/15/2016
UTAH25035	WILDWOOD SUBDIVISION	Non-Community	162	UTAH COUNTY	175	Not Approved	3/15/2018
UTAH25077	RIVERBEND GROVE, INC.	Non-Community	25	UTAH COUNTY	208	Corrective Action	12/13/2016
UTAH25129	LINCOLN BEACH	Non-Community	32	UTAH COUNTY	123	Corrective Action	1/15/2015
UTAH26023	STORM HAVEN RESIDENTS	Community	125	WASATCH COUNTY	61	Corrective Action	11/28/2017
UTAH26042	LITTLE DEER CREEK CAMP	Non-Community	60	WASATCH COUNTY	76	Not Approved	11/1/2017
UTAH26044	PINE HOLLOW WATER COMPANY	Non-Community	109	WASATCH COUNTY	46	Corrective Action	8/11/2015
UTAH26049	SWISS ALPINE WATER CO	Community	300	WASATCH COUNTY	25	Corrective Action	4/14/2016
UTAH26061	CAMP ROGER YMCA	Non-Community	210	WASATCH COUNTY	96	Not Approved	3/15/2018
UTAH26071	DANIELS SUMMIT ESTATES	Non-Community	58	WASATCH COUNTY	283	Not Approved	1/31/2011
UTAH26073	DIAMOND HILLS ASSOCIATION	Non-Community	125	WASATCH COUNTY	161	Corrective Action	1/14/2010
UTAH26074	SOAPSTONE SUMMER HOMES	Non-Community	110	WASATCH COUNTY	68	Not Approved	4/3/2014
UTAH28026	HOLLOW MOUNTAIN	Non-Community	102	WAYNE COUNTY	128	Not Approved	3/15/2018
UTAH29050	EAGLES TRAILERPARK	Non-Community	200	WEBER COUNTY	77	Corrective Action	2/21/2017

# Current News

**DRINKING WATER BOARD PACKET**  
**Current News**

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# **Bear River Conservancy district presents water options for Tremonton**

By: Jeff DeMoss, The Tremonton Leader; Feb 26, 2018; HJnews.com

[https://news.hjnews.com/allaccess/bear-river-conservancy-district-presents-water-options-for-tremonton/article\\_b44bf109-f2ee-5510-8843-a705a4fad68e.html](https://news.hjnews.com/allaccess/bear-river-conservancy-district-presents-water-options-for-tremonton/article_b44bf109-f2ee-5510-8843-a705a4fad68e.html)

As Tremonton seeks new sources of water for its growing population, the City Council recently heard from representatives of the Bear River Water Conservancy District who have presented several potential solutions for the city's current and future water needs.

The conservancy district recently completed a new master plan, and representatives came to present their findings as they relate specifically to the Tremonton area.

Bill Bigelow, an engineer with the conservancy district, said a short-term solution to meeting increased water demand would be to put a "booster" station in Bothwell to increase water pressure on the west side of town.

Water pressure from existing wells in the Bothwell pocket currently relies on gravity. Bigelow said the booster station would allow for more control over water pressure and boost the water flow through city lines by as much as 30 percent. He said the booster option, a short-term solution, would take a year to implement and cost about \$300,000.

The other options presented by Bigelow would be considerably more expensive but also represent more long-term growth solutions. One of those is a second pipeline, which he said will eventually be necessary due to higher water demand but will cost about 10 times more than the booster option.

Another finding in the master plan calls for drilling new wells in Deweyville. Bigelow said the conservancy district filed water rights in the area in the 1990s and is now moving forward to develop some of that water.

“If it’s successful, that could also provide some water on the east side of Tremonton,” he said. “We think that project will take about two more years before we know how much water is there.”

Yet another option calls for the conservancy district to build a treatment plant west of town that would use reverse osmosis to remove heavy minerals found in the water in that area. The water quality west of town is notoriously lower than that of the water found east of town, with high concentrations of minerals that require intensive treatment make the water suitable for culinary use.

“It would bring additional water, and better water quality, to the city,” Bigelow said. “We visualize the day when that could be justified, but it’s very expensive.”

Bigelow also talked about a strategy already used by some cities, including Brigham City, to increase water availability during peak summer demand hours. He said the city has a lot of overflow from natural springs in wintertime, and it might be worthwhile to drill wells that would essentially act as water storage aquifers that could be tapped during the summer months.

“Brigham City does this with great success,” Bigelow said. “They put surplus spring water in three of their wells all winter long, then in the summer they turn those on, and the city gets spring water. You can build up a supply and recover it pretty much 100 percent.”

In the final option Bigelow presented from the new master plan, the conservancy district would build a small treatment plant that would take water directly from the Bear River using existing water rights and sell it to users throughout the northern Bear River Valley.

“That’s probably out in the future quite a ways, but it’s another option,” he said

# New water treatment facility expected to encourage growth in Southern Utah

By: DJ Bolerjack; February 27, 2018; KUTV.com

<http://kutv.com/news/local/new-water-treatment-facility-expected-to-encourage-growth-in-southern-utah>

ST. GEORGE, Utah — (KUTV) - Right now there's a high amount of growth in southern Utah.

More than 155,000 people live in the St. George area and counting, but a big question to many wanting to move there: Is there enough water?

A new city project will determine that.

Scott Taylor, with the City of St. George, is planning the construction of a new water treatment plant will eventually utilize a number of unused water wells located west of St. George, allowing for more future real estate developments

“You're probably talking about 7,500 additional homes that would be developed based on this water source.” Taylor said, “The purpose of that plant is to remove arsenic from the drinking water. We have 11 groundwater wells in the gunlock area. All of them contain some concentrations of arsenic.”

Since 2001, only two of the 11 wells Taylor is talking about, which equals out to be about 8,500-acre-feet, have actually been safe to use, according to Taylor. The arsenic levels in the remaining nine wells are just too high and not usable for drinking.

“Right now of that 8,500 acre-feet, we're using about 1,500...so there's basically 7,000-acre-feet that we have rights to we're currently not using,” Taylor said.

This addition of water is not expected to raise water rates for the public, and according to Taylor users won't even know a difference in water quality or quantity.

“We anticipate in the next few months to move it to the design phase...the design will take nine months to a year we're hopeful that this time next year we'll be starting construction of that plant and it will probably take 16 -18 months to construct the plant,” Taylor said.

2News asked realtors about what kind of questions they get when talking to people who are looking to move to Southern Utah and how this impacts the housing market for the future, to hear from them watch the news story above.

# Thirsty Colorado Asks For Water From Utah's Green River ... Again

By: Ali Budner, March 1, 2018; KUER 90.1

<http://kuer.org/post/thirsty-colorado-asks-water-utahs-green-river-again#stream/0>

Many are calling it far-fetched, but a mountain west entrepreneur is reviving a proposal to draw water from Utah's Green River and funnel it to Colorado's growing and drought-prone Front Range. The pipeline would move billions of gallons of water across hundreds of miles from Utah through Wyoming and down into Colorado.

Randy Ray is with the Central Colorado Water Conservancy District in Greeley. He's interested in some of that water for agriculture in his region, north of Denver.

"After the cities make one use of it then maybe our district can benefit from the second use of that water," Ray said.

Still, it appears most environmental groups are against it. Zach Frankel is with the [Utah Rivers Council](#). He says the project is not about meeting people's water needs.

"It's more of a water rush to make some money by building an unnecessary and very expensive water project at the public's expense," Frankel said.

He says it would also jeopardize wildlife including four species of endangered fish.

The project has applied for a permit. The state of Colorado will give the public a chance to weigh in before a decision is made.

*This story was produced by the Mountain West News Bureau, a collaboration between Wyoming Public Media, Boise State Public Radio in Idaho, Yellowstone Public Radio in Montana, KUER in Salt Lake City and KRCC and KUNC in Colorado.*

# Water line break in Clinton leaves residents without water

By: Jenn Gardiner, March 11, 2018; Good4Utah.com

<http://www.good4utah.com/news/local-news/water-line-break-in-clinton-leaves-residents-without-water/1029239153>

CLINTON, Utah (News4Utah) - Clinton residents were without water for several hours after a water line break Sunday morning.

The break happened at 2845 West 2415 North and is affecting all of Clinton.

Public works crews spent all morning working to restore the water and was finally able to get water back to all residents as of 12 p.m.

City officials said there may be residual air in the lines but it will work itself out as the system pressurizes.

The water is safe to drink and there has been no contamination.

# Water main break closes Mt. Logan MS, street for several hours Tuesday

By: Amy Macavinta, staff writer, March 13, 2018; HJnews.com

[https://news.hjnews.com/allaccess/water-main-break-closes-mt-logan-ms-street/article\\_3e11c958-3a84-5b58-bd45-cdfff08613f.html](https://news.hjnews.com/allaccess/water-main-break-closes-mt-logan-ms-street/article_3e11c958-3a84-5b58-bd45-cdfff08613f.html)

School was cancelled at Mt. Logan Middle School on Tuesday after a nearby water main broke on 200 East in Logan in the morning.

According to information distributed by the school's automated phone call service, parents were first advised to drop off students in a different location. However, a second message said the city anticipated water would be shut off in the area for most of the day, so classes were cancelled.

The roadway reopened around 4 p.m., according to Logan.

Logan City Water Manager Paul Lindhardt said the water line broke on 200 East at approximately 850 North.

"It isn't any bigger than any of our other breaks, but it is just in a really crucial area," he said. "It is in a bad location, on a busy road right in front of a school."

Lindhardt said people living in the area were without water for several hours and the southbound lane of 200 East was closed from 1000 North to 800 North while city staff worked to repair the water line.

According to an email distributed by Assistant Principal Paul Wagner, a field trip to USU was canceled. Practice for "Annie" and an open house for all current fifth graders were expected to continue as scheduled Tuesday evening.

# Saratoga Springs receives award for decreasing water usage nearly 30%

By: Deseret News, March 14, 2018; deseretnews.com

<https://www.deseretnews.com/article/900012949/saratoga-springs-receives-award-for-decreasing-water-usage-nearly-30.html>

SARATOGA SPRINGS — The Rural Water Association of Utah recently awarded the city an efficiency award for implementing a secondary water metering system that decreased irrigation water usage by 30 percent.

Mayor Jim Miller said in a statement the award “shows the ingenuity of city staff and our commitment” to be good stewards over limited water resources.

The cost of installing the 4,000 meters throughout the city was approximately \$3.6 million, which was funded through a bond that will be repaid for through the revenues generated by metering secondary water.

During the first year of implementation, citywide irrigation water usage by residents and businesses decreased from nearly 1 billion gallons in 2015 to less than 800 million gallons in 2016 — a 21 percent decrease — despite increased growth in the city. Even more telling was the average usage per customer, which decreased by 27 percent among residents and businesses.

To encourage residents and businesses to lower their water usage, the city switched from a flat-rate system where all users were charged the same fee, regardless of the amount of water used, to a tiered system that charged customers in thousand-gallon increments, based on lot size, landscaped area and the water rights allocated to each property. In addition, the city lowered the base rate that is charged each month to cover fixed costs.

As a result, customers that maintained monthly irrigation water usage at or below their specified water allotment saw a decrease in their monthly bill

# Weber Basin installs 1,700 secondary meters to measure, reduce outdoor water use

By: Leia Larsen, March 21, 2018; Standard Examiner

<http://www.standard.net/Environment/2018/03/21/Weber-Basin-installs-1-700-secondary-meters-to-measure-reduce-outdoor-water-use.html>

It's spring now, and the meager snowpack in Northern Utah's mountains is starting to melt. That means it's time to start thinking about water.

Weber Basin Water Conservancy District was busy through much of the winter installing another round of secondary meters, which means some Weber County households found themselves thinking about their water use a little sooner than usual.

When West Haven resident Stephanie Pennington saw construction crews digging in her neighborhood in January, she thought it meant high-speed cable internet was finally coming to town. Her excitement was quickly curbed when she checked her mail and saw a notice letter from Weber Basin. A meter was going to be installed on her secondary line.

"We paid \$330 last year for our secondary water. So we were, like, why are they doing this?" Pennington said. "What exactly are they going to do in the future? It caught me blindsided."

She was mostly concerned about cost — would that mean she'd start having to pay more for the lawn and landscaping she only installed last summer?

"The sod already didn't take very well," she said, adding that if she had to cut back on irrigating, "I was worried the neighbors would think our yard looked like crap."

Pennington can rest easy for now. Weber Basin isn't planning on charging for the water use measured by secondary meters — at least not yet.

Meters, however, can be an effective tool in getting households to reduce their water use.

Weber Basin sends out monthly statements to metered secondary customers showing their water consumption along with a comparison of their estimated need. A 2018 Water Use Data Collection Program Report prepared for the Utah Division of Water Resources found those homes with secondary meters cut their outdoor watering by a third.

Tage Flint, general manager of the Weber Basin Water Conservancy District, said the reduction happens fast. People seem to change their watering habits simply because they know they're now being watched.

“Exactly. It’s a ‘they know we know’ type of thing,” Flint said. “We are seeing that reduction from meters right after the meter goes in and before we send any price signal to them.”

The district has been installing secondary meters since 2012.

By the time the secondary lines are charged next month, Weber Basin will have installed 7,000 secondary meters total. That’s around 40 percent of its 18,000 total retail connections.

They’re mandatory on new construction, but retrofitting existing homes with meters isn’t cheap.

Putting in meters this year alone cost Weber Basin \$1.65 million. A U.S. Bureau of Reclamation grant paid for \$650,000 while the district covered the rest.

While Weber Basin’s rate of meter installation is impressive, it’s a drop in the bucket when considering there are around 110,000 secondary connections in Weber and Davis counties. Secondary water in Northern Utah is supplied by myriad different districts with varying attitudes about metering.

Pineview Water Systems, for example, only has 20 secondary meters in the ground, compared to around 30,000 total connections.

“The meters are a new product for us and we just started to implement them last year,” said Jeff Humphrey with the water district.

He expects the number to grow. Pineview Water is going to install meters in all new subdivisions going forward.

“At this point, we will not be putting meters on existing customers,” he said. “This will change in the future but I could not give you a date or time frame.”

Haight Creek Irrigation in Kaysville has a similar policy for new development. It has 250 meters on its roughly 4,000 secondary connections. Davis and Weber Counties Canal Company has meters on around 11 percent of its 14,200 connections.

Statewide, the Division of Water Resources is trying to get a better grasp of secondary use in 475 different water systems. They’ve been notoriously bad at in the past, underestimating water use in Weber Basin by 34 percent, according to the 2018 water use report.

While the rate of progress varies among districts, secondary metering is getting more attention as an important strategy in Utah’s water future. A changing climate means warmer winters with less snow. The Weber-Ogden river basin snowpack is currently at 63 percent of normal, but the region’s definition of “normal” is changing.

“It’s bad. It’s as bad as I’ve seen it in a long time,” Flint said.

Water managers are working on new conservation strategies along with improving secondary water use information. While much of the focus has been on water used outdoors, Weber Basin will be looking indoors this season as well. They're trying to double the number of people getting rebates for climate-controlled sprinklers and offering rebates for low-flow toilets, too.

The Division of Water Resources' "Fame or Shame" program will return this spring, encouraging Utahns to report bad watering habits and rewarding them with Home Depot gift cards for water-saving behaviors.

"Because it was such a dry winter, we anticipate we'll be hearing a lot from people," said Faye Rutishauser, Utah's water conservation coordinator. "No matter what, a wet year or dry year, we conserve. ... We have good water years that fill up reservoirs or we have dry years and it looks pretty bleak. But our water supply is up to us."

Despite the shock that came with her new secondary meter, Pennington said she supports conservation in the state and doing her part.

"I am one to make sure we're doing everything we can for our children's future," she said. "I think it'll be an eye-opener."

*Contact Reporter Leia Larsen at 801-625-4289 or [llarsen@standard.net](mailto:llarsen@standard.net). Follow her on [Facebook.com/LeiaInTheField](https://www.facebook.com/LeiaInTheField) or on Twitter [@LeiaLarsen](https://twitter.com/LeiaLarsen).*

# Salt Lake City mayor issues water advisory, warns of possible shortage

By: Katie McKellar, April 10, 2018; Deseret News

<https://www.deseretnews.com/article/900015480/salt-lake-city-mayor-issues-water-advisory-warns-of-possible-shortage.html>

SALT LAKE CITY — After a winter of below-average snowfall, Salt Lake City Mayor Jackie Biskupski is warning of a possible water shortage and calling on city residents to conserve as much as possible.

The mayor on Tuesday officially declared a Stage 1 advisory as part of the city's five-stage water shortage contingency plan. Stage 1 directs the city to inform the public "as early as meaningful data are available that a possible shortage may occur," according to the plan.

While the current overall water supply is good due to strong reservoir levels, stream flow is projected to be well below average in all Wasatch Mountain streams that feed Salt Lake City's water supply, city public utility officials said in a news release Tuesday.

"At Stage 1, our goal is to send a message that everyone can help us avoid potential shortages this season and in future drought years by simply being mindful about their water use," Laura Briefer said. "We are asking residents, businesses, and city departments to implement simple and cost-effective measures to conserve water."

City officials are asking residents to help conserve water by taking these steps:

- Sign up for a free water check to ensure efficient watering habits. Utah State University's Extension program provides free water check information at [cwel.usu.edu](http://cwel.usu.edu).
- Adjust sprinkler controllers to reflect the season and the weather, including shutting off during rainstorms.
- Check sprinkler systems for broken or misaligned spray heads.
- Check indoor faucets and fixtures for leaks and repair them promptly.
- Take advantage of the city's water-saving tips and landscape information at [slcgardenwise.com](http://slcgardenwise.com).

City departments are doing their part, Briefer said, by cutting back on outdoor watering and testing equipment for maximum watering efficiency as temperatures rise.

Salt Lake City Fire Marshall Ryan Mellor has ordered firefighters this spring and summer to conduct "dry" fire hydrant inspections only to assess whether they are in working order, said fire department spokeswoman Audra Sorensen.

"Rather than opening up hydrants in this low-water year, we will inspect and lubricate hydrant caps, inspect their paint and check to make sure hydrants have proper clearance," Sorensen said.

The city's public services department will also "actively monitor water use" in city parks and facilities, said Corey Rushton, the department's communications and administrative services director, encouraging residents to report broken irrigation systems in city parks via the SLC Mobile app.

City public utility staff will also work with city golf course staff and Utah State University to develop water conservation plans by testing improved turf types that reduce water demand, Briefer said.

"Our findings should also help other property owners," Briefer said.

# Developer pledges to return after County Council denies rezone for water company

By: Sean Dolan, staff writer, April 11, 2018, HJnews.com

[https://news.hjnews.com/allaccess/developer-pledges-to-return-after-county-council-denies-rezone-for/article\\_e22d580a-b825-5d2c-8cda-5e1c53e9af37.html](https://news.hjnews.com/allaccess/developer-pledges-to-return-after-county-council-denies-rezone-for/article_e22d580a-b825-5d2c-8cda-5e1c53e9af37.html)

The Cache County Council voted Tuesday to deny a rezone that would have set the stage for 31 new homes on 63 acres of unincorporated dry farmland near Petersboro. At a council workshop earlier in the day, a county planner decried the approval of large subdivisions outside of city boundaries.

At a lengthy, at times emotional, public hearing on the [proposed Spring Ridge Rezone](#) at the County Council's previous meeting March 27, nearby residents from Petersboro and some residents living in existing subdivisions near the proposed rezone expressed concern about water issues and alleged struggles in dealing with the developers and their state-regulated water company. Those developers argued that this would be the perfect location for a new community.

The proposal would have rezoned 63 acres adjacent to SR-30 near the Box Elder County border from the Agricultural (A10) Zone, which allows one home per 10-acre lot, to the Rural (RU2) Zone, which allows one home per two-acre lot.

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During the Tuesday workshop, Cache County Development Services Director Josh Runhaar expressed concern that the county is not set up to handle development in unincorporated areas. He said it would end up being too costly to provide water, roads, garbage service, snow plows, fire and law enforcement coverage. City residents would end up subsidizing services for unincorporated residents, he said, particularly for private, HOA-owned roads.

"I don't want to be leaving a problem for my kids, and you don't want to be leaving a problem for your grandkids," Runhaar said.

After the workshop, the County Council was expected to discuss the rezone and then bring it back for a vote at its next meeting. But Councilman Jon White didn't want to wait. He moved Tuesday to waive the rules and take a vote.

The motion to deny the rezone carried with White, Barbara Tidwell, Gordon Zilles and David Erickson voting yea. Karl Ward abstained, while Gina Worthen and Greg Merrill voted in favor of the rezone. White said the county shouldn't be in the housing business.

“I do not think it’s the county’s business to have big subdivisions,” White said. “I don’t think we can take care of them.”

Rod Blossom, president of the developer-owned Willow Creek Water Company and project manager for Petersboro Partners LLC, proposed the rezone. After the vote he said he isn’t giving up, and that dry farmland near Petersboro is the perfect place for development.

“We’ll be back,” Blossom said outside the council chambers.

When asked how the rezone denial would affect the Willow Creek Water Company, which currently provides water to 61 homes, Blossom said, “If you’ve got fewer people, you’re going to be paying more.”

The rezone denied this week would have allowed for 31 more homes, but that was only the first phase of a larger plan for more homes and private roads in the area.

Steven Taylor, secretary of the Willow Creek Water Company and agent for the existing High Country Estates subdivision near the proposed rezone, confirmed in a phone interview Wednesday that a rate increase for the 61 existing connections is on the way but added that is not related to the denial of the rezone.

Taylor said. “We’re in the middle of a Public Service Utility rate increase right now,” Taylor said.

He said the rezone denial would not impact rates immediately for the existing 61 users, but a larger customer base would eventually allow for lower rates as the costs of running and maintaining the water company would be more spread out.

According to [documents filed](#) with the Utah Public Service Commission, the Willow Creek Water Company was incorporated in the state of Utah in 1998. In July 2009, the Utah Public Service Commission granted the water company a certificate of public convenience and necessity. The water company’s system — including pipes, pumps and storage tanks — was built and paid for by then-president Alton Veibell.

The Public Service Commission in 2009 approved rates of \$38 per month and \$1 per 1,000 gallons in excess of 293,000 gallons per year. According to the Division of Public Utilities, those rates did not adequately cover the water company’s daily operating expenses, and Veibell was subsidizing the water company.

On Feb. 14, 2013, the Willow Creek Water Company filed an application for and interim rate increase and a general rate increase. At an April 1, 2013, hearing before the Division of Public Utilities, the Willow Creek Water Company testified that its current expenses exceed its current revenues. The company needed to increase rates to fund a larger capital reserve account and pay

back a loan for an additional well required by the Utah Division of Drinking Water. The water company had 43 connections at that time.

The Division of Public Utilities recommended that Willow Creek Water Company raise the base monthly rate from \$38 to \$71.80 and any usage above 293,000 gallons per year would increase from \$1 per 1,000 gallons to \$4.50. The Public Service Commission on Oct. 4, 2013, approved the \$71.80 monthly rate but amended the overage fee to \$1.13 per 1,000 gallons in excess of 12,000 gallons per month.

About a year ago, on May 1, 2017, the Willow Creek Water Company sent an intent to file a general rate case to the Public Service Commission to request another rate increase, which Taylor was referring to on Wednesday.

Petersboro Partners LLC owns 60 percent of the shares in the Willow Creek Water Company, according to Blossom.

According to the state of Utah's online business search, which include every business registered in Utah, including limited liability partnerships, there is only one business called Petersboro Partners LLC in Utah. Lori Jackson of Sandy, Utah, is the registered agent.

Taylor said Wednesday that he doesn't know of Jackson.

"That's not it," Taylor said. "There's a Petersboro Partners out here, but it's not the same."

He said R. Craig Hansen is the registered agent of Petersboro Partners LLC. A registered principal search of Utah businesses for the name R. Craig Hansen found that Hansen, a Salt Lake City resident, is a manager for Petersboro Partners LLC, of which Lori Jackson is the registered agent.

Blossom, who has ties to both the Willow Creek Water Company and Petersboro Partners, said the water company meets state standards. The Willow Creek Water Company currently has two wells. One has elevated levels of arsenic.

"You know what?" Blossom said. "People lived up there forever and drank the arsenic, but just like with our own ... system the EPA keeps cranking things down so tight that you can't function the way you have for the past 50 to 100 years."

After Tuesday's workshop, where Runhaar spoke at length of his thoughts that the county is not equipped to provide services to subdivisions in unincorporated Cache County, Blossom said the county has instructed Runhaar for years to push development to cities.

"Not everyone wants to be in cities, not all of the cities can handle it and not everyone wants to live in a high rise — I don't," Blossom said. "So there has to be other options."

Rather than building homes on the fringes of cities, Blossom said he thinks new homes in the RU2 zone should be clustered around state-approved water systems, like the Willow Creek Water Company.

“I don’t think RU2 is a bad zone; it’s just where they’re talking about trying to push it in cities. It doesn’t work in cities, so you push it around something that provides services,” Blossom said.

If the Cache County Council would like to move forward with large developments in unincorporated areas, Runhaar said the county would need to urbanize standards and become a “full-service county.” But for now, he said the county is not able to handle that level of development.

“We need to have investment in our own destiny here,” Runhaar said.

# **UPDATE: Carbon County, Wellington declare ‘state of emergency’ over water outages**

By: Steve Christensen, Sun Advocate Contributor, April 17, 2018, updated April 19, 2018; Sun Advocate

[http://www.sunad.com/news/update-carbon-county-wellington-declare-state-of-emergency-over-water/article\\_7133dade-41cb-11e8-b3c9-a7cdcdba7b52.html](http://www.sunad.com/news/update-carbon-county-wellington-declare-state-of-emergency-over-water/article_7133dade-41cb-11e8-b3c9-a7cdcdba7b52.html)

## **Updated Information**

Carbon County joined the effort to repair a ruptured water main on Tuesday, bringing a second large backhoe and concrete barricades to the scene at Highway 6 and the North Carbonville junction.

Carbon County and Wellington City have both signed documents declaring unincorporated Carbon County in a “state of emergency” due to the number of reported residential and business water outages.

The documents say, “areas are declared to be a disaster, requiring aid, assistance and relief available pursuant to the provisions of local and state statutes.”

For those residents who don’t have water, it may be off for an extended period of time. Price River Water Improvement District has arranged places where people may get water. Updates posted on PRWID’s Facebook page alerted residents that water may not be restored for two more days.

Three water line breaks occurred over the weekend. Two minor breaks have already been repaired.

PRWID Director Jeff Richens explained the problem started in Miller Creek Friday evening. That break was repaired and a second break was then found near the Carbon County Fairgrounds.

Richens said PRIWD was pushing six million gallons of water through the system, and the tank on four-mile hill was still virtually empty. At that point they knew they had another break. Someone mentioned there was water in the river. There shouldn’t have been, since all the water was being released into canals for irrigation. That led crews to the third break, on the west side of Highway 6, near the North Carbonville junction.

Crews were able to locate the break, since water was running into the river at that point.

The water was shut off about a mile from the break on each side.

That water line had been there for decades and ended up being about 30-feet deep, since the road had been raised substantially through the years.

In order to help the situation Price City connected the hospital to its system and ran a fire hose from one side of Fairgrounds Road to the other, to help with the pressure to PRWID customers in that area. "Price City has been wonderful," commented Richens.

The first backhoe wasn't big enough and couldn't dig down to the pipe. A larger backhoe was brought in from Nelco Contractors. At one point a pump was brought in to remove water from the hole. The water was pumped into the Price River.

About 28 feet deep the backhoe finally found the pipe, but water was still running into the hole. Workers said the break had obviously been there awhile and had saturated the soil. That, along with natural ground water, continued to fill the hole. At one point the backhoe operator started dipping water from the hole and dumping it in the river.

About 1:30 p.m. Monday the work stopped while the crew awaited a steel box to put in the hole, which allows work to continue without worrying about the sides collapsing on them.

### **Water locations**

Pioneer Park, 100 East, 500 North. Individuals may fill 5-gallon containers.

Price City Domes, 432 West 600 South. For owners of livestock who wish to fill tanks from 7 a.m. to 4 p.m. There is a 2-inch line hookup available.

PRWID has a water haul station in Wellington for large users. The address is 5382 East Washer Plant Road, Wellington.

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At press time work continued, without knowing when repairs would be complete or the water restored.