Drinking Water Board Packet

August 31, 2022

Agenda

State of Utah
SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF DRINKING WATER
Tim Davis
Director

Drinking Water Board
Kristi Bell, Chair
Eric Franson, P.E., Vice-Chair
Dawn Ramsey
Jeff Coombs
David O. Pitcher
Blake Tullis, Ph.D.
Kimberly D. Shelley
Tim Davis
Executive Secretary

DRINKING WATER BOARD MEETING

August 31, 2022 9:00 AM
Via Zoom Webinar & In Person:
Davis Conference Center
Meridian B Room
1651 N 700 W
Layton, Utah 84041

Tim Davis Cell # 385-226-6511

AGENDA

1. Call to Order

2. Roll Call – Tim Davis

3. Oath of Office & Disclosure Statement for New Members – Linda Ross, Notary

4. Approval of Meeting Minutes
   A. June 7, 2022 Minutes
   B. July 21, 2022 Minutes

5. Disclosure for Conflict of Interest

6. Rulemaking Activities
   A. Current Rulemaking Activities
      i. Authorization to Proceed with Rulemaking R309-*230 Lead in School Sampling and Remediation Requirements* – Dylan Martinez
   B. Rulemaking Update
      i. R309-700, R309-705, and R309-800 to include language complying with H.B. 269 Capital Assets for Water Sources of Drinking Water
      ii. R309-540, *Facility Design and Operation: Pump Stations* - Michael Newberry
      iii. R309-515-5, *Surface Water Sources*; R309-515-6, *Groundwater Wells*; and R309-600-13(3), *Sewers within DWSP Zones and Management Areas* - Michael Newberry

7. Rural Water Association Report – Dale Pierson

8. Directors Report – Tim Davis
   A. Enforcement Report
   B. New Employees; Andrea Thurlow & Dallys Eggett
   C. Other

9. Financial Assistance Committee Report
   A. Bipartisan Infrastructure Law Intended Use Plan / Lead Service Line & Emerging Contaminants Funding Policy
   B. Status Report – Michael Grange
   C. Project Priority List – Michael Grange
   D. ARPA Disposition of Remaining Funds – Michael Grange
   E. Seven County Coalition Planning Project (Informational Item Only) – Michael Grange
   F. SRF Applications
      i. State Funding Emergency Request
         a. Stockton Town – Michael Grange
      ii. Previously Tabled Projects from July 21, 2022 Meeting
         a. Helper City – Elisa Brawley
         b. Uintah Town – Heather Pattee
         c. Timber Lakes Water SSD – Elisa Brawley
      iii. STATE
         a. Price City - Planning – Kjori Shelley
         b. Fruitland SSD – Kjori Shelley
      iv. FEDERAL
         a. Hanna Water and Sewer – Heather Pattee
         b. Ballard – Elisa Brawley
         c. Leeds – Heather Pattee
         d. Pine Valley Mtn Farms – Kjori Shelley
         e. Wallsburg Town – Skye Sieber

10. Public Comment Period

11. Open Board Discussion

12. Other

13. Next Board Meeting

    Date: Tuesday, November 1, 2022
    Time: 1:00 PM
    Place: Zoom Webinar / Multi Agency State Office Building
    195 North 1950 West
    Salt Lake City, Utah 84116

14. Adjourn

Agenda Item 4(A)

State of Utah
SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF DRINKING WATER
Tim Davis
Director

Drinking Water Board
Kristi Bell, Chair
Eric Franson, P.E., Vice-Chair
Dawn Ramsey
Jeff Coombs
David O. Pitcher
Blake Tullis, Ph.D.
Kimberly D. Shelley
Tim Davis
Executive Secretary

DRINKING WATER BOARD MEETING
June 7, 2022 1:00 PM
Via Zoom Webinar & In Person:
Department of Environmental Quality
Multi Agency State Office Building
DEQ Board Room
195 N 1950 W
Salt Lake City, Utah 84116

DRAFT MINUTES

1. Call to Order

Kristi Bell, Chair, called the Drinking Water Board (DWB) meeting to order at 1:02 PM.

2. Roll Call – Tim Davis

Board Members Present: Kristi Bell, David Pitcher, Eric Franson, Kim Shelley, Jeff Coombs, Blake Tullis. Kristi Bell left the meeting at 1:07 PM at which point Eric Franson ran the meeting in her place. Mayor Dawn Ramsey arrived at 1:15 PM and left at 2:54 PM, at which time Kim Shelley voted in the Mayor's place for the remaining agenda items.

Division of Drinking Water (DDW, Division) Staff Present: Tim Davis, Michael Grange, Allyson Spevak, Skye Sieber, Heather Pattee, Linda Ross, Kimia Golchin, Nathan Lunstad, Michael Newberry, Dani Zebelean, Sagaw Sterck, Cameron Draney, Kjori Shelley.

3. Approval of Meeting Minutes
   A. March 3, 2022 Minutes

- Jeff Coombs moved to approve the March 3, 2022 Drinking Water Board meeting minutes. David Pitcher seconded. The motion was carried unanimously by the Board.

4. Disclosure for Conflict of Interest

There was no disclosure of conflict of interest for this meeting.

5. Rural Water Association Report – Dale Pierson

Janelle Braithwaite reported that Dale was unable to attend this meeting, but the RWAU Report is included in the Board packet.

6. Directors Report – Tim Davis
   A. Enforcement Report

Tim informed the Board that the Enforcement Report is in the Board packet and to let him know if there are any questions pertaining to the report.

   B. Update on Rulemaking for H.B. 21 Lead Testing in Schools

H.B. 21 School and Child Care Center Water Testing is a bill passed during the 2022 General Legislative Session. It directs the Division/Board to adopt a rule to implement the bill in three specific areas: 1) how samples will be taken, 2) remediation of human consumable taps above the lead action level, and 3) how will schools and child care centers apply for grant funding for replacement taps and remediation.

The Division is currently awaiting comments on a draft of the rule from stakeholders. Based on a previous stakeholder meeting, the Division has made changes to the rule. The Division is assessing if another stakeholder meeting is needed. The Division intends to request that the Board initiate rulemaking for this rule at the August 31, 2022 DWB Meeting.

   C. Future Drinking Water Board Meeting Schedules (6 meetings vs. 5 meetings per year)

In 2023 the Board will move back to six annual, regularly scheduled meetings, rather than five. This change will allow the Board to accomplish its increased workload without cramming too much into one meeting and will hopefully lessen the need to schedule supplemental meetings.

   D. New Employees; Sagaw Sterck, Kimia Golchin, Cameron Draney, Kjori Shelley

Sagaw Sterck is the SRF Financial Manager with the Administrative Services Section. (Update, Sagaw is leaving DDW as of 6/17/22.)

Kimia Golchin is the Senior Business Analyst within the Rules Section, specializing in the SDWIS (Safe Drinking Water Information System) database.

Cameron Draney is an engineer with the Permitting Section located in Northern Utah.

Kjori Shelley is now the 4th SRF project manager alongside Heather Pattee, Skye Sieber, and Elisa Brawley.

   E. Other - none

7. Financial Assistance Committee Report

Tim informed the Board of the two new funding sources related to SRF projects;

1. American Rescue Plan Act (APRA) Funding - DDW received a $50 million appropriation from the Legislature in APRA funding for projects in small, rural, disadvantaged communities (also funding for the Lead in Schools program). DDW has selected, for the Board's consideration, projects for communities that not only meet that criteria, but would also be making their own investment by setting their water rates to at least 1.75% of the local median adjusted gross income (MAGI).
2. Bipartisan Infrastructure Law (BIL) Funding – The Legislature appropriated a State match in order for DDW to receive all of the BIL Supplemental DWSRF funding for the 1st two years of the law; 2022 and 2023. Forty nine percent of this funding, for each of its five years, is intended for grants and the remainder, 51%, is for loans. We will have approximately $38 million in Federal SRF funding coming in over the next year. Next week Tim will be speaking to the Natural Resources, Agriculture, and Environmental Quality (NRAE) Appropriations Subcommittee about the importance of the State match for the remaining three years of the BIL funding.

A. Status Report – Michael Grange

State SRF Program

Michael Grange, Technical Assistance Section Manager with the Division of Drinking Water, reported that currently there is $4.9 million in the State SRF fund. Over the course of the coming year, the Division is expecting another $3.9 million to be added to the fund through State sales tax allocation and loan repayments. There will be approximately $8.86 million available for State projects between now and May 2, 2023.

Staff are currently working to close State loans for Circleville Town, Powder Mountain WSID, among others listed on page 2 of the Status Report.

Federal SRF Program

Michael then reported that currently there is an approximate balance of $6.9 million in the Federal SRF program. Over the course of the coming year, staff is expecting $31.5 million to be added to the fund through loan repayments, interest, and BIL funding for a total of $38.4 million for Federal SRF projects between now and May 1, 2023.

DDW is preparing to submit a draft Intended Use Plan (IUP) for the BIL funding for EPA's initial review at the end of this week or the beginning of next week. Once the Division receives the IUP back from EPA, it will prepare and submit the grant application for Fiscal Year (FY) 2022 for both the BIL funding and the base funding authorized by Congress. The Division expects to receive both funding sources by October 2022.

There is approximately $4 million remaining for the FY 2021 subsidy grant. Some of the funding for projects on this meeting's agenda will come from the FY21 grant.

Staff are currently working to close several Federal loans, which are listed on page 5 of the Status Report.

The Legislature appropriated $50 million in APRA funds to the DWB, of which, to date, the Board has authorized approximately $18 million. Another $23. 9 million will be considered for authorization during this meeting, leaving a balance of about $7.9 million, some of which will be considered for authorization at the July 21, 2022 DWB Meeting. A list of previously authorized APRA projects and those being heard at this meeting can be found in the Status Report.

B. Project Priority List – Michael Grange

Michael reported that 18 new projects are recommended to be added to the Project Priority List:

1. M&J Trailer Home Community (scored 99.3 priority rating points) – Their project includes 9,150 ft of distribution line, meters and a fire hydrant. These system upgrades will help them continue their plan to connect to the Ukon Water System.
2. Daggett County - Dutch John (76.1 points) – Their project includes a 1-million-gallon raw water tank, and a new water treatment plant.
3. Brain Head Town (65.8 points) – Their project is to install a new transmission line, hydrants, PRV, AirVac, to connect existing cabin owners who are currently hauling water.
4. Roosevelt City (63.6 points) – Their project consists of pipeline replacement, lining of DI pipe, new pipe to bypass the tank, and PRV.
5. Johnson WID (49.8 points) – Their project consists of upgrading 24,000 ft of undersized waterlines.
6. Escalante (48.6 points) – Their project includes a spring redevelopment, collection box, and source protection.
7. Pinion Forest SSD (46.6 points) – Their project consists of water treatment improvements: chlorination and addressing coliform.
8. Levan (42.6 points) – Their project consists of lead-jointed iron service line replacement.
9. New Paria (regionalization) (42.4 points) – Their project includes a new well, tank, waterline, and meters in preparation for regionalizing with Kane County WCD.
10. Austin SSD (regionalization) (33.8 points) – Theirs is a regionalization project that includes waterline replacement and hydrants.
11. Clark Bench (regionalization) (31.6 points) – Their project consists of a new tank, an upgraded pump station, waterline replacement and extension, meters, an upgraded well, and adding chlorination in preparation to regionalize with Kane County WCD.
12. Ouray Park (26.7 points) – Their project includes service line upgrades, valves, hydrants, service connections, and air-vac assemblies.
13. North Emery SSD (26.7 points) – Their project consists of a new 250,000-gallon tank, replacing PRV vaults, and replacing the 4,000 ft waterline.
14. Lynndyl Town (22.6 points) – Their project consists of purchasing property, new infrastructure, water rights, etc.
15. Axtell SSD (17.4 points) – Their project consists of a new spring, and 30,000 ft. of 8-inch spring line.
16. Desert Sage (13.5 points) – Desert Sage wants to do a water main replacement, hydrants, meters, service line replacement, in order to consolidate with AVWSID.
17. Panguitch (10.4 points) – Their project consists of constructing 9,000 lf 10-in mainline, valves, hydrants, connection to existing culinary system in two locations.

18. Henefer Secondary Water does not fit the criteria to score priority rating points. Their project is construction of secondary irrigation which will preserve treated drinking water for culinary use.

The Financial Assistance Committee (FAC) recommend that the Drinking Water Board approve the updated Project Priority List as presented, with the addition of these 18 projects.

There was a question as to why Myton City wasn't included on this Project Priority List. Michael believes they were added to a previous list. At any rate Myton City scored 10.4 project priority points.

- Blake Tullis moved to approve the updated Project Priority List. Jeff Coombs seconded. The motion was carried unanimously by the Board.

C. SRF Applications
   i) STATE
      a. Bear River Water Conservancy District (BRWCD) – Heather Pattee

Representing BRWCD was Carl Mackley, General Manager.

Heather Pattee informed the Board that BRWCD is requesting financial assistance for several projects identified in their 2021 drought resiliency plan. The total project cost is $6,651,400. BRWCD will contribute $524,400 towards the project, they've obtained a $1,287,000 ARPA grant from Box Elder County, and a $2,000,000 grant from the Bureau of Reclamation. BRWCD is requesting the remaining balance of $2,840,000* from the Drinking Water Board. BRWCD has no IPS (Improvement Priority System) points.

*This amount has increased since the Financial Assistance Committee call by $400,000 in order to add contingency funds to the project.

The MAGI was determined by averaging the MAGI for Collinston, Harper Ward, South Willard, and Deweyville where these projects will be constructed. The averaged MAGI is $51,950, which is 112% of the State MAGI. The current average water bill is $35.15/ERC (equivalent residential connections), which is 0.81% of the local MAGI. The estimated after project water bill at full loan would be $28.46/ERC or 0.66% of the local MAGI. The basis of determining the average water bill is complicated because BRWCD has several wholesale water connections, as well as residential connections. Based on this, staff used the ERCs to determine the average water bill.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $2,840,000 at 1.0% interest for 20 years to Bear River Water Conservancy District.

Carl Mackley thanked the Board and said they're trying to take advantage of various funding opportunities to address items in their master/drought resiliency plan in order to provide water to the Bear River valley.

- David Pitcher moved that the Drinking Water Board authorize a loan of $2,840,000 at 1.0% interest for 20 years to Bear River Water Conservancy District. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

b. Powder Mountain WSID – Skye Sieber

Representing Powder Mountain Water and Sewer Improvement District (WSID) were Treasurer/Recorder Carrie Zegner and Marcus Keller with Zions Bank.

Skye Sieber informed the Board that Powder Mountain (WSID) is requesting additional funding to install a new booster pump, waterlines, PRV station, and hydrants. The total estimated project cost has increased to $1,895,000.

On January 11, 2022, the Board authorized a loan of $1,397,000 for 30 years at 2.54% interest to Powder Mountain. The project was advertised for bids in March; they received two bids and both were higher than the September 2021 engineering estimate. The system needs an additional $498,000 to cover the low bid and maintain a 20% contingency.

The MAGI for Powder Mountain WSID is $76,800, which is 163% of the State MAGI. The current average monthly water bill is $87.55, which is 1.37% of the local MAGI. The after-project water bill at a full loan for 20 years would be $115.53/ERC, which is 1.81% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board deauthorize a loan of $1,397,000, furthermore the Board authorize a loan of $1,895,000 for 30 years at a 2.54% interest rate to Powder Mountain Water and Sewer Improvement District to install a new booster station, waterlines, PRV station, and hydrants. The recommendation is based on the same loan terms approved by the Board in January. Conditions include that they resolve all issues on their compliance report.

- Jeff Coombs moved that the Drinking Water Board deauthorize a loan of $1,397,000 and authorize a loan of $1,895,000 for 30 years at a 2.54% interest rate to Powder Mountain Water and Sewer Improvement District to install a new booster station, waterlines, PRV station, and hydrants. Conditions include that they resolve all issues on their compliance report. David Pitcher seconded. The motion was carried unanimously by the Board.

ii) FEDERAL

a. M & J Trailer Home Community – Heather Pattee

Representing M & J Trailer Home Community were CEO Jesse Boone and Bill Bigelow with Hansen, Allen & Luce.

Heather informed the Board that M & J Trailer Home Community (M & J) is requesting financial assistance to install 9,150 ft of distribution line, meters and a fire hydrant. The total project cost is $1,600,000. M & J will contribute $60,000 towards the project and is requesting the remaining balance of $1,540,000 from the Drinking Water Board.

The M & J water system has a significant number of deficiencies on its IPS report for a total of 570 points, is rated "not approved", and has a "no-use" order. The system has a signed CA/EO with the Division in order to correct the deficiencies and become an approved water system. M & J has explored several options to correct the system and is currently working to connect to Ukon Water. Once the infrastructure is in place Ukon Water would take over. The aforementioned deficiencies will be corrected with this project, once the system is connected to Ukon Water.

The local MAGI for M & J is $24,965 which is 53% of the State MAGI. M & J does not have an operational water system at this time; therefore, they do not have income and the only expense is the cost to buy bottled water for the residents. The estimated after project water bill at full loan would be $471.81/ERC or 23.02% of the local MAGI. Based on the MAGI and the average monthly water bill, M & J qualifies to be considered for additional subsidy, including ARPA funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $1,540,000 at 0.0% interest for 30 years with $1,360,000 in principal forgiveness, for a repayable loan amount of $180,000 to M & J Trailer Home Community.

Tim explained that M & J previously came before the Board with a very different proposal and he considers this new proposal to be one for regionalization. Regionalization makes sense for this system with longstanding issues, and connecting to Ukon Water will provide safe drinking water to those in the community.

- Blake Tullis moved that the Drinking Water Board authorize a loan of $1,540,000 at 0.0% interest for 30 years with $1,360,000 in principal forgiveness, for a repayable loan amount of $180,000 to M & J Trailer Home Community. David Pitcher seconded. <u>The motion was carried unanimously by the Board.</u>

b. Daggett County Dutch John – Skye Sieber

Representing Daggett County – Dutch John was Water Operator Trevor Brooksby.

Skye Sieber informed the Board that Dutch John Daggett County Municipal Building Authority is requesting financial assistance to construct a one-million-gallon flow regulation raw water tank and a new water treatment plant for the Dutch John Water System. This project addresses a public health issue. The applicant is requesting a $3,500,000 ARPA grant from the Drinking Water Board. The total project cost is estimated at $5,190,000. The system will contribute $6,500 towards this project. The Community Impact Board will make up the balance of funding with a 15% loan ($247,000) / 85% grant ($1,436,500) mix for 30 years at 0.5% interest.

Dutch John Water serves a population of approximately 140, with 103 residential and 24 commercial connections. The MAGI is $53,300, which is 115% of the State MAGI and the current average residential water bill is $82.00/connection, which is 1.85% of the local MAGI. The after-project water bill at a full loan would be $162.44 per connection or 3.66% of the local MAGI. Based on population, rural location, and monthly water bill, the water system qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize an ARPA grant of $3,500,000 to Daggett County for a one-million-gallon tank and new water treatment plant for Dutch John Water. Additionally, the Board authorize a release of up to $135,000 from the grant for planning and engineering design. Conditions include that they resolve all issues on their compliance report which includes cross connection points and an update to their source protection plan.

Trevor Brooksby reported that at the time of this meeting their cross connection control points have been resolved. The system is holding a public meeting on June 13, 2022 regarding their source protection plan update.

- David Pitcher moved that the Drinking Water Board authorize an ARPA grant of $3,500,000 to Daggett County for a one-million-gallon tank and new water treatment plant for Dutch John Water. Additionally, the Board authorize a release of up to $135,000 from the grant for planning and engineering design. Conditions include that they resolve all issues on their compliance report. Blake Tullis seconded. The motion was carried unanimously by the Board.

c. Brian Head Town – Elisa Brawley*

*Michael Grange presented this project and the other projects assigned to Elisa Brawley, in her absence.

Representing Brian Head Town was Public Works Director Aldo Biasi.

Michael informed the Board that Brian Head Town is proposing to install new transmission lines, fire hydrants, PRV station and air-vac station to connect existing property owners who are currently hauling water. This project will address compliance and public health issues. The total project cost is estimated at $857,986. Brian Head Town will contribute $350,116 and is requesting the remaining balance of $507,870 from the Drinking Water Board.

Brian Head Town serves approximately 165 full time residents with 1,522 total connections. The MAGI for Brian Head Town is $24,900 which is 54% of the State MAGI. The estimated after-project water bill at a full loan for 20 years would be $71.04 which is 3.42% of the local MAGI. Based on population, rural location, local MAGI, and after-project water bill, the Town qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize an ARPA grant of $507,870 to Brian Head Town to connect existing residents to their system.

- Jeff Coombs moved that the Drinking Water Board authorize an ARPA grant of $507,870 to Brian Head Town to connect existing residents to their system. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

Prior to the vote, Blake asked Aldo about the Town's projection for growth and the possible need for future water hauling. Aldo responded that there isn't a projection for growth, but with future projects they'll work to bring in the areas which are still hauling water. Tim replied that the Division will work with the system on this.

David asked where the Town's $350,000 contribution is coming from. Aldo wasn't able to answer that question but said he could get the answer if the Board would like.

d. Roosevelt City – Heather Pattee

Representing Roosevelt City was Ryan Clayburn, System Administrative Contact.

Heather Pattee informed the Board that Roosevelt City is requesting financial assistance to install 3,500 feet of new PVC pipe, lining of 3,550 feet of ductile iron pipe, a 24-inch ductile iron pipe to bypass their old tank, a new PRV, and to replace 7,500 feet of asbestos cement pipelines. The total project cost is $2,951,400. Roosevelt City will contribute $110,000 towards the project and is requesting the remaining balance of $2,841,000 from the Drinking Water Board.

The local MAGI for Roosevelt City is $41,000, which is 88% of the State MAGI. The current average water bill is $92.29/ERC, which is 2.70% of the local MAGI. The estimated after project water bill at full loan would be $110.67/ERC or 3.24% of the local MAGI. Based on MAGI and average monthly water bill, Roosevelt City qualifies to be considered for additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $2,841,400 with 100% principal forgiveness to Roosevelt City. Conditions include they resolve all points on their IPS report. They have 15 points for tank deterioration which will be resolved with this project.

Ryan Clayburn informed the Board that replacing the aging tank is part of their master plan and that they abandoned the tank three years ago upon receiving the associated IPS points. They received a grant/loan from CIB last year to rebuild and relocate the tank in order to better serve the area. They currently have their tank above 95% complete, and with DWB funding they're ready to move on to the second part of their project.

- David Pitcher moved that the Drinking Water Board authorize a loan of $2,841,400 with 100% principal forgiveness to Roosevelt City. Conditions include they resolve all points on their IPS report. Blake Tullis seconded. <u>The motion was carried unanimously by the Board.</u>

e. Johnson WID – Elisa Brawley

Representing Johnson WID (Water Improvement District) were System Manager Dickson Taylor and Consulting Engineer Jason Blankenagel with Sunrise Engineering.

Michael informed the Board that Johnson WID is proposing to install a main line and upgrade waterlines for the Independence area of the District. This project addresses a public health issue and a compliance issue. The total project cost is estimated at $2,452,000. The District will contribute $100,000 towards this project and requests the remaining balance of $2,352,000 from the Drinking Water Board.

Johnson Water serves approximately 1,880 residents with 913 total connections. The MAGI for the Myton area is $36,120 which is 78% of the State MAGI. The after-project water bill at a full

loan for 20 years would be $38.69 which is 1.29% of the local MAGI. Based on population, rural location, and local MAGI, the District qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommend that the Drinking Water Board authorize a loan of $2,352,000 for 20 years at 2.0% interest to Johnson Water Improvement District for distribution upgrades in the Independence area of the District.

Dickson Taylor expressed concern with the ERCs being used in the aforementioned calculations as their number of ERCs is always fluctuating.

Eric followed up by asking Michael what analysis went into calculating the estimated after-project water bill.

Michael explained that while he didn't have the specifics for this project's calculation, typically if the numbers in the application separate the residential connections and the residential revenue from the total revenue, staff uses the residential connections because that's what the program is based on. Staff is supposed to calculate average monthly water bill for residential use. In many instances the water system combines all of their revenue in one source and that's when staff uses the ERCs to calculate the estimated average monthly water bill. It appears that Elisa did use just the residential connections to calculate the after-project water bill, but to be sure Michael would have to look at the actual application.

Eric recommended verifying the calculation for the after-project water bill before proceeding with this project. Tim suggested tabling this project until the July 21, 2022 DWB Meeting, whereupon staff will have more information regarding the calculation. Dickson agreed with waiting until the July 21st meeting.

Dickson answered David's question about the proximity of the Independence area to Myton and Ballard and said that the area is closer to Ballard but its zip code is Myton. David suggested looking at Ballard information as well as Myton information in preparation for the July meeting.

- David Pitcher moved that the Drinking Water Board table this project for the consideration at a future Board meeting, most likely the July meeting. Jeff Coombs seconded. <u>The motion was carried unanimously by the Board.</u>

f. Escalante Town – Michael Grange

Representing Escalante City were Councilmember Guy Graham and City Recorder Stephanie Steed.

Michael informed the Board that Escalante City is requesting financial assistance to redevelop an existing spring source and connect it to the system. Total estimated project cost, including construction and engineering services, is $87,090. Escalante will contribute $47,090 and is requesting $40,000 from the Drinking Water Board. The City has requested financial assistance through ARPA.

Escalante City's drinking water source is a collection of springs approximately 11 miles northwest of the City. Originally developed in the 1890's, most of the springs were redeveloped in 1998; however, the spring that the City currently wishes to redevelop was not included in the 1998 work. This redevelopment project is included in the City's 2020 Master Plan.

Escalante is located on Highway 12 in Garfield County, approximately 46 miles east of Panguitch and 33 miles east of Bryce Canyon National Park. The City's reported MAGI is $34,700, which is 74.6% of the State MAGI. The current average water bill is $44.99 per connection, including approximately $6.23 per connection for irrigation water, which is 1.56% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a $40,000 construction grant from the State SRF Program (rather than APRA funding) to Escalante City.

Guy Graham explained that adding this spring will greatly assist the system to supply additional drinking water to the City in this time of drought.

- Blake Tullis moved that the Drinking Water Board authorize a $40,000 construction grant to Escalante City. Dawn Ramsey seconded. <u>The motion was carried unanimously by the Board.</u>

g. Pinion Forest SSD – Heather Pattee

Representing Pinion Forest SSD (Special Service District) were Board Chair Sharin Urtaza, Vice-Chair Ben Henderson, and Consulting Engineer Kurt Marchant with Ensign Engineering.

Heather informed the Board that Pinion Forest SSD is requesting financial assistance to install new water treatment improvements to chlorinate and address total coliform. The total project cost is $300,000. Pinion Forest will contribute $1,000 towards the project and is requesting the remaining balance of $299,000 from the Drinking Water Board.

The local MAGI for the Pinion Forest SSD is $34,800, which is 75% of the State MAGI. The current average water bill is $43.45/ERC, which is 1.49% of the local MAGI. The estimated after project water bill at full loan would be $91.73/ERC or 3.16% of the local MAGI. Based on MAGI and average monthly water bill, Pinion Forest SSD qualifies to be considered for additional subsidy, including ARPA grant funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize an ARPA grant of $299,000* to Pinion Forest SSD. Conditions include that they resolve all points on their IPS report. The points are for cross connection control which Division staff are working with the system to resolve.

*The grant amount of $267,778, included in the packet is incorrect.

Sharin explained that the Pinion Forest SSD Board has been going through a lot of transition in the last six months, but they're working to get their system up and running in order to serve those in their community. They need a filtration system in order to address some recent issues. Because

the system is a haul station they have future plans to try to provide more distribution pipeline to people in their area.

Tim further explained that the system isn't a professional water hauler, but rather a water filling station. This project would help address current water quality issues within their well. A future phase would connect the upgraded well to a pipeline distribution system to run through part of Pinion Forest.

Blake asked about the issues regarding the distribution system. Sharin replied that while today's application addresses the source, they have submitted a separate application to improve the distribution system, to be heard at the July DWB Meeting.

- Blake Tullis moved that the Drinking Water Board authorize an ARPA grant of $299,000 to Pinion Forest SSD. Conditions include they resolve all points on their IPS report. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

h. Levan Town – Skye Sieber

Representing Levan Town was Mayor Bruce Rowley.

Skye informed the Board that Levan Town is requesting financial assistance to replace aged and failing lead jointed ductile iron pipe. This project addresses a public health concern. The total estimated project cost is $2,895,000. The Town will contribute $28,950 towards the project and is requesting the remaining balance of $2,866,050 from the Drinking Water Board.

Levan Town Water System serves approximately 862 people with 345 connections. The MAGI is $51,400, which is 111% of the State MAGI and the current average water bill is 40.26/connection, which is 0.94% of the local MAGI. The after-project water bill at a full loan would be $74.04/connection or 1.73% of the local MAGI.

The Financial Assistance Committee (FAC) recommends that the Drinking Water Board authorize a loan of $1,433,000 for 30 years at 2.0% interest, and a grant of $1,433,050 to Levan Town for water and service line replacement. Conditions include that they resolve all issues on their compliance report. (Five different funding options are outlined in the packet.)

Mayor Rowley explained that the Town believed it couldn't afford the 50% loan / 50% grant option. He calculated that they could afford an $800,000 loan with 2.0% interest and $2,066,050 in grant funding (Option #4 28% loan / 72% grant). In order to accommodate that loan payment, the Town would raise water rates by $10. Mayor Rowley asked that Board consider the Town's funding option.

Eric explained that the FAC found that with the 50/50 funding, the after-project water bill was still below the 1.75% threshold as a percentage of the local MAGI. Furthermore, the grant funding needs of Levan Town must be balanced with the grant needs of many other communities.

Blake clarified that the 50/50 option would increase the Town's water bill by about $10 per month (according to the packet the increase would be about $14 per month) while the Town's 28/72

option would increase the water bill by about $4.50 per month. The Mayor stated that with a $10 per month water bill increase the Town is open to the 50/50 funding.

Tim recommended deferring this project to the July DWB Meeting to allow time for staff to work with the Town in order to aim for funding that results in the desired $10 per month increase.

- Blake Tullis moved to table the discussion for Levan City pending more information / consideration. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

-----At this point in the meeting Dawn Ramsey left the meeting and Kim Shelley started voting in her place for the remainder of the meeting. ----

i. New Paria Subdivision – Skye Sieber
j. Clark Bench Water Company – Skye Sieber

At the request of the FAC, the projects for New Paria Subdivision (36 connections) and Clark Bench Water Company (19 connections) were presented together as they're neighboring, private water systems and both have the overarching objective to bring their systems up to standard and in compliance in order to be consolidated with the Kane County Water Conservancy District (KCWCD). As a reminder, the Board approved funding for the nearby water system, Church Wells SSD, in January 2022.

Representing New Paria Subdivision were Water Manager/Trustee Fran Thomas and Secretary Sally Holmes. Representing Clark Bench Water Company were Liz Coates. KCWCD Executive Director/General Manager Mike Noel and Amanda Buhler were also present to speak to these projects.

Skye informed the Board that New Paria is requesting financial assistance to construct a new well, 80,000-gallon storage tank, replace waterlines, and upgrade meters. This project will address multiple drinking water requirements. The total project cost is estimated at $3,379,000. New Paria will contribute $20,000 cash and in-kind towards the project and is requesting the remaining balance of $3,359,000 from the Drinking Water Board. New Paria qualifies for ARPA funding based on their location, size and current financial status.

Skye informed the Board that Clark Bench is requesting financial assistance for a number of improvements to the water system in preparation to regionalize with KCWCD. This project will address several drinking water compliance issues. Also, the addition of a larger tank and the extension of some of their distribution line would allow KCWCD to address regional needs for areas in development. The total project cost is estimated at $3,464,000. Clark Bench will contribute $20,000 towards the project and is requesting the remaining balance of $3,444,000 from the Drinking Water Board. Clark Bench qualifies for ARPA funding.

Through these projects, both systems would be managed by KCWCD.

The MAGI for Big Water Town is $37,000 or 75% of the State MAGI which was the basis for the financial analysis for both New Paria and Clark Bench. New Paria is charging approximately

$60.00/connection which is 2.06% of the local MAGI. Clark Bench is charging about $48.08/connection which is 1.65% of the local MAGI.

The Financial Assistance Committee recommends that these projects be discussed at this meeting.

FAC members Eric, David and Jeff discussed the concentration of water systems in particular rural areas who are requesting a large amount of funding. In this case almost $10M to Church Wells, New Paria and Clark Bench, and the regionalization of the latter two water systems under KCWCD. Despite their water operator urging them to, Church Wells opted not to regionalize, but Mike Noel thinks at some point they will.

Tim clarified that ARPA funding is intended for small, rural, disadvantaged communities versus more dense parts of the state which may have similar issues. The hardship criteria are 1) the local MAGI compared to the State MAGI and 2) the percentage of water rates compared to the local MAGI. The Division is looking to bring new hardship criteria to the Board that would bring hardship communities, within more urban areas, into the fold to help them qualify for BIL funding rather ARPA funding.

Mike Noel noted some of the unique challenges that Kane County faces being a large and sparsely populated area, such as not having the right of condemnation on public lands so they must wait a long time for rights-of-way for pipelines for elevation areas on Federal lands. Also, their connections are spread out over hundreds of miles. About 28 years ago, at the request of the Division, KCWCD began to regionalize the District and they now have 4,000 connections. With funding they've been able to bring up the standard of the drinking water and be in line with the Division's regulations.

Eric feels as though the aforementioned $10M is all being granted to Kane County and posed the idea of the County contributing to help these water systems so that grant funds could be available to other needy parts of the state.

Mike replied that the County has helped many homeowners to improve their private water systems and they've put money away for future growth and the replacement of pumps, piping, etc.

Fran Thomas shared that in November 2019 the New Paria Water Company Board of Trustees received a planning grant from USDA and DDW, to look at the New Paria Subdivision. Not all of the New Paria residents are part of their water system, as they are very independent and have their own wells. What they learned from those planning efforts is that in order to survive and provide good drinking water they need to join forces with not only their neighbors (Clark Bench, Church Wells, Big Water), but also with KCWCD.

- David Pitcher moved that the Drinking Water Board authorize an APRA grant of $3,359,000 to the New Paria Water Company with the understanding that Kane County Water Conservancy District will be the operator of the system after the improvements are made. Conditions include that they connect to the KCWCD and all IPS points be resolved. Blake Tullis seconded. <u>The motion was carried unanimously by the Board.</u>

Before the Board voted on the motion Jeff brought up his concerns that to authorize this grant would mean spending about $100,000 per connection. He asked if there is a point when it's just too cost prohibitive?

Tim replied that the cap for APRA funding is $3.5 million per project and each of these projects fall below that cap.

Eric replied that there was a time when cost per connection was considered as it relates to the expenditure of funds, and perhaps it could be done again in the future.

- David Pitcher moved that the Drinking Water Board authorize an ARPA grant of $3,444,000 to Clark Bench Water Company. Conditions include that they connect to the Kane County Water Conservancy District, be operated by KCWCD, and remedy any points on their IPS report. Blake Tullis seconded. The motion was carried unanimously by the Board.

k. Austin SSD – Skye Sieber

Representing Austin SSD (Special Service District) were Consulting Engineer Parker Vercimak with Jones & Demille Engineering, and Sevier County Commissioner Ralph Brown.

Tim informed the Board that this a regionalization project. After the FAC call, staff calculated a new funding option (option #2 in the packet) to include a combination of APRA grant and loan in order to get Austin's water rate to the 1.75% of local MAGI affordable threshold.

Austin SSD is proposing to regionalize with both nearby Lizard Bench Water Association and unincorporated West Austin. The District is requesting financial assistance for improvements to the regionalized system including spring redevelopment, a new 120,000-gallon storage tank for Lizard Bench, distribution system upgrades, and connections to all three areas. This project will address several public health issues. The total project cost is estimated at $3,210,000. Austin will contribute $5,000 cash towards the project and Sevier County will contribute $500,000 in APRA funding. Austin SSD is requesting the remaining balance of $2,705,000 from the Drinking Water Board.

Austin SSD serves approximately 150 residents with 52 total connections; Lizard Bench serves approximately 63 people with 22 connections; and West Austin is a residential development with 11 connections, most of which share a single well between two houses. The MAGI for Elsinore (closest town and similar demographic) is $35,200 which is 76% of the State MAGI. The current average water bill for Austin customers is $37.64/month, which is 1.28% of the local MAGI. The after-project water bill at a full loan (factoring in 33 new connections) would be $173.58 which is 5.92% of the local MAGI. Based on population, rural location, local MAGI and after-project water bill, the District qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee requested that staff reevaluate the application and include a funding option that meets the 1.75% of local MAGI affordable water bill threshold. A specific funding recommendation was deferred to the Drinking Water Board meeting for further discussion. Staff recommend that conditions include that both Austin SSD and Lizard Bench resolve any points on their respective IPS reports.

Parker Vercimak said this project has been in process for over a decade and is much needed. He confirmed that Lizard Bench's water tank is in bad shape. Parker reported that at this point the systems are officially combined and have received the certificate of annexation.

Ralph Brown said that combining these systems is a positive move forward which will help resolve an ongoing issue.

- David Pitcher moved that the Drinking Water Board authorize an APRA grant of $2,269,000 and a loan of $436,000 at 1.88% interest for 30 years to Austin SSD. Conditions include that both Austin SSD and Lizard Bench resolve all points on their IPS reports. Jeff Coombs seconded. The motion was carried unanimously by the Board.

l. North Emery SSD – Elisa Brawley

Representing North Emery Water Users SSD (Special Service District) were Manager Carl Fillmore, Board Vice-chair Ray Quinn, and Consulting Engineer Parker Vercimak with Jones & Demille Engineering.

Michael informed the Board that North Emery Water Users is proposing to replace six aged and deteriorated PRV vaults, 4,000 feet of deteriorated and undersized water lines, and build a new 250,000-gallon water tank. This project addresses the risks outlined in their Master Plan, will improve system water flows and pressure, and addresses a public health issue. The total project cost is estimated at $2,550,000. North Emery will contribute $500,000 cash towards the project and is requesting the remaining balance of $2,050,000 from the Drinking Water Board.

North Emery Water Users serves culinary water to approximately 1,330 residents with 502 total connections. The system serves unincorporated areas around Huntington and Cleveland which are most similar to the demographic for Elmo, UT. The MAGI for Elmo is $37,800 which is 81% of the State MAGI. The after-project water bill at a full loan for 20 years would be $75.64 which is 2.4% of the local MAGI. Based on population, rural location, and after-project water bill, the District qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize an ARPA grant of $1,538,000 and a loan of $512,000 for 30 years at 0.0% interest to North Emery Water Users SSD for drinking water system upgrades. Conditions include that they resolve all issues on their compliance report.

Carl Fillmore said this is an important project as there is some aging infrastructure that is quite dangerous. Also, this project should correct an area where the flows are hurting the tank. Carl also noted that they're considering a rate increase due to inflation. They're now in the process of resolving their IPS points which include submitting water data and repairing the top of their tank.

Parker stated that at this time the system technically has sufficient storage to meet the Division's requirements. He reiterated the need to replace the aged PRVs and build a resilient infrastructure moving forward.

- Jeff Coombs moved that the Drinking Water Board authorize an ARPA grant of $1,538,000 and a loan of $512,000 for 30 years at 0.0% interest to North Emery Water Users for drinking water system upgrades. Conditions include that they resolve all issues on their compliance report. Kim Shelley seconded. The motion was carried unanimously by the Board.

m. Ouray Park WID – Elisa Brawley

Representing Ouray Park WID (Water Improvement District) were Board Chair Max Jensen and Consulting Engineer Rex Carpenter with Sunrise Engineering.

Michael informed the Board that Ouray Park WID is proposing to replace 24,500 ft of water mainline, hydrants, service connections and air vac assemblies. This project will address a public health issue. The total project cost is estimated at $2,876,000. Ouray Park will contribute $5,000 cash towards the project and is requesting the remaining balance of $2,871,000 from the Drinking Water Board.

Ouray Park WID serves approximately 300 residents with 141 total connections. The MAGI for the area code within Ouray Park is $25,300 which is 54% of the State MAGI. The after-project water bill at a full loan for 20 years would be $137.04 which is 6.50% of the local MAGI. Based on population, rural location, MAGI, and after-project water bill, the District qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommend that the Drinking Water Board authorize an ARPA grant of $2,871,000 to Ouray Park WID for drinking water system improvements. Additionally, the Board authorize a release of up to $75,000 from the grant for planning and engineering design. Conditions include that a rate review be performed, ensuring water rates are sufficient to cover all O&M for the system, prior to coming back to the Board for future financial assistance.

Max Jensen explained that they've been working to upgrade the system over the last several years which includes tank replacement, a new pump system and chlorination system installation. This project is the last phase which would bring the system current.

- Blake Tullis moved that the Drinking Water Board authorize an ARPA grant of $2,871,000 to Ouray Park WID for drinking water system improvements. Additionally, the Board authorizes a release of up to $75,000 from the grant for planning and engineering design. Conditions include that a rate review be performed, ensuring water rates are sufficient to cover all O&M for the system, prior to coming back to the Board for future financial assistance. David Pitcher seconded. The motion was carried unanimously by the Board.

n. Lynndyl Town – Michael Grange

Representing Lynndyl Town were Mayor Brian Proctor, Town Board Member Amber Lloyd, and Consulting Engineer Jesse Ralphs with Sunrise Engineering.

Michael informed the Board that Lynndyl Town is requesting financial assistance to drill and equip a new well, build a new well house, install a transmission line from the well to the storage

tank, a chlorination system, and a SCADA system. Total estimated project cost, including construction and engineering services, is $2,046,000*. The Town has requested financial assistance through ARPA.

*The estimated project cost of $1,744,152 included in the Board packet is outdated.
Lynndyl Town's drinking water is currently provided by water leased from the railroad and delivered to the residents through infrastructure owned by the railroad. The railroad has communicated to the Town that this water service will soon be discontinued. The Town is seeking financial assistance to construct its own infrastructure to deliver water to its residents.

Lynndyl is located on Highway 6 in Millard County, approximately 16 miles northeast of Delta. The City's reported MAGI is $40,400, which is 86.9% of the State MAGI. The current average water bill is $39.58 per connection, which is 1.18% of the local MAGI. The estimated after-project water bill at a full loan is $165.98/connection, or 4.93% of local MAGI.

The Financial Assistance Committee requested that staff reevaluate the application and include a funding option that meets the 1.75% of the local MAGI affordable water bill threshold. That option includes a 21% loan ($436,000 at 0.00% interest for 30 years) / 79% grant ($1,610,000) mix. With this funding option the estimated water bill would be $58.75 which is 1.75% of the local MAGI. In addition to grant funding, the Town also requested an advance of $173,000 from the grant to cover up front design costs.

Mayor Proctor emphasized the Town's need for the State's help now that the railroad is no longer providing their water.

- David Pitcher moved that the Drinking Water Board authorize an ARPA grant of $1,610,000 and a loan of $436,000 at 0.0% interest for 30 years. With the condition that any IPS points be rectified. With an advance of $173,000 for planning and design. Blake Tullis seconded. <u>The motion was carried unanimously by the Board.</u>

o. Axtell SSD – Skye Sieber

Representing Axtell SSD were Board President Travis Blackburn and Consulting Engineer Jessie Ralphs with Sunrise Engineering.

Skye informed the Board that Axtell SSD (Special Service District) is requesting financial assistance to develop a new spring and install a transmission line that will connect the spring to their existing culinary system. This project will address a drinking water rule requirement that water systems serving over 100 connections have a secondary source. The total project cost is estimated at $3,465,110. Axtell will contribute $10,000 cash towards the project and Sanpete County will contribute $200,000. Axtell SSD is requesting the remaining balance of $3,255,110 from the Drinking Water Board.

Axtell Community SSD serves 280 residents and has approximately 122 connections. The MAGI for Axtell is $42,100, which is 91% of the State MAGI. The current average water bill, including irrigation, is $74.15/connection, which is 2.11% of the local MAGI. The after-project water bill at a full loan for 30 years would be $161.12/ERC or 4.59% of the local MAGI. Based on population,

rural location, current and after-project water bill, the District qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize an ARPA grant of $3,255,110* to the Axtell Community Special Service District for a new spring development and transmission line. Additionally, the Board authorize a release of up to $130,000 from the grant for planning and engineering design. Conditions include that they resolve all issues on their compliance report.

*Skye corrected the recommended amount shown in the packet, from $3,255,000 to $3,255,110.

Travis Blackburn explained that the struggle with the abundance of minerals (salt) in their area leaves them with few avenues for water. Due to this issue and drought, they need this secondary source.

David asked if the system has rights of way to get the pipeline from the springs. Travis replied that they have an easement and will have a survey crew out in the next few weeks. Jesse Ralphs further explained that they have a cooperative agreement with the Division of Wildlife Resources who owns the upper part of the property, which stipulates that if everything pans out with the environmental process they'll move forward with that particular easement. The Bureau of Land Management easement has been taken care of.

- Blake Tullis moved that the Drinking Water Board authorize an ARPA grant of $3,255,110 to the Axtell Community Special Service District for a new spring development and transmission line. Additionally, the Board authorizes a release of up to $130,000 from the grant for planning and engineering design. Conditions include that they resolve all issues on their compliance report. Jeff Coombs seconded. <u>The motion was carried unanimously by the Board.</u>

p. Desert Sage HOA – Michael Grange

Representing Desert Sage HOA were Randy Jones and Ashley Valley Water & Sewer Improvement District (AVWSID) District Manager Ryan Goodrich.

Michael informed the Board that Desert Sage HOA is requesting financial assistance to replace the entire distribution system within the HOA's service area. The intent is to bring the infrastructure up to AVWSID standards and allow the District to annex the HOA's service area. Total estimated project cost, including construction and engineering services, is $598,460. Desert Sage will contribute $20,000 and is requesting the remaining balance of $578,460 from the Drinking Water Board. The City has requested financial assistance through ARPA.

Desert Sage gets its drinking water through a consecutive connection with AVWSID. The water system is currently unapproved and has accumulated 950 IPS points. AVWSID has agreed to consolidate this small system into its district in order to operate and maintain the system. This project will upgrade the distribution system within the HOA service area to comply with AVWSID standards and allow the consolidation of these two systems.

Desert Sage HOA is located in Uintah County, approximately 7 miles south of Vernal. The HOA's reported MAGI, calculated from an income survey completed by RWAU, is $36,916, which is 79.4% of the State MAGI. The current average water bill is $39.11 per connection which is 1.27% of the local MAGI. Based on population, rural location, local MAGI and estimated after-project water bill, the HOA qualifies to be considered for ARPA grant funding.

The Financial Assistance Committee requested that staff reevaluate the application and include a funding option that meets the 1.75% of local MAGI affordable water bill threshold. Option 1 in the packet meets that threshold with an 86% grant ($496,460) /14% loan ($82,000 at 0.0% interest for 30 years) mix. A funding recommendation was deferred to this Board meeting for further discussion.

Randy Jones appreciates the hard work of Ashley Valley and the State. He was impressed with the thoroughness of the assistance that he has received and expressed his thanks.

Eric asked Michael if the relatively low loan amount was acceptable. Michael replied that for loans under $100,000 with 0.0% interest, associated costs to the applicant related to bonding, loan documents, fees and staff time can make the loan more trouble than they're worth. About $15,000 to $20,000 in costs would be added to this $82,000 loan. Based on this information Jeff opted for the full subsidy amount of $578,460. Given their high number of IPS points, Tim concurred with approving a full grant in this instance.

- Jeff Coombs moved that the Drinking Water Board approve an ARPA grant of $578,460 to the Desert Sage Homeowners' Association on the condition that all IPS points are resolved. David Pitcher seconded. <u>The motion was carried unanimously by the Board.</u>

q. Myton City – Elisa Brawley

Representing Myton City were Mayor Kathleen Cooper, Public Works Director Alan Allred, and Alea Nielson.

Michael informed the Board that Myton City is proposing to replace waterlines and service connections along Main Street in conjunction with another roadway construction project. The total project cost is estimated at $650,000. Myton City is requesting the full balance of $650,000 from the Drinking Water Board.

Myton City serves approximately 590 residents with 352 total connections. The MAGI for Myton is $30,800 which is 66% of the State MAGI. The after-project water bill at a full loan for 20 years would be $66.41 which is 2.59% of the local MAGI. Based on population, rural location, local MAGI, and after-project water bill, the City qualifies for additional subsidy, including ARPA funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $650,000 with 100% principal forgiveness to Myton City for a waterline replacement project.

Mayor Kathleen Cooper thanked the Board for considering Myton for a grant.

- Blake Tullis moved that the Drinking Water Board authorize as a construction grant for $650,000 in APRA funding to Myton City for a waterline replacement project. Kim Shelley seconded. The motion was carried unanimously by the Board.

r. Panguitch City – Heather Pattee

Representing Panguitch City were Mayor Kim Soper, City Manager Lori Talbot, and Consulting Engineer Robert Worley with Sunrise Engineering.

Heather informed the Board that Panguitch City is requesting financial assistance to install waterlines to loop the system and eliminate dead end lines, install fire hydrants and gate valves. The total project cost is $1,629,000. Panguitch will contribute $20,000 towards the project and is requesting the remaining balance of $1,609,000 from the Drinking Water Board.

The local MAGI for Panguitch City is $34,600, which is 74% of the State MAGI. The current average water bill is $36.46/ERC, which is 1.26% of the local MAGI. The estimated after project water bill at full loan would be $44.61/ERC or 1.55% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $1,609,000 at 2.0% for 20 years to Panguitch City. Conditions include they resolve all points on their IPS report.

Mayor Kim Soper mentioned that the project is included in their capital facilities plan and needs to be done soon because of their undersized lines. The City is hoping for full grant funding.

Regarding their IPS points, Lori Talbot explained that the project to fix their tank lid is currently out to bid and will begin this summer. The $100,000 for that project will come out of the City's water fund. Furthermore, they're requesting funding from CIB for a new fire truck which they anticipate will be a $150,000 grant / $150,000 loan mix. Any consideration that the Board can give for a grant would be appreciated.

Robert Worley explained another reason that a grant would be helpful is that the City has storage and source deficits, and in the near future they'll need additional funding to correct those issues.

Eric responded that if the system comes back for additional funding they may qualify for a grant if their water bill were to be brought up to the appropriate level.

Mayor Soper replied that they've been slowly and incrementally increasing their water bill annually in order to keep up with costs. They would have a hard time selling their residents on a large increase.

- David Pitcher moved that the Drinking Water Board authorize a loan for $804,000 at 2.0% interest for 20 years, and $805,000 in principal forgiveness to Panguitch City. Conditions include they resolve all points on their IPS report.

Jeff and Eric expressed concern

about this particular funding not bringing Panguitch's water bill to the 1.75% threshold.

The Board did not initially vote unanimously on this motion so a roll call vote was held and the Board voted thusly:

SUBJECT	**Item 7(C)(ii)(r) Panguitch City**	
MOTION:	David Pitcher	
SECOND:	Blake Tullis	
DWB:	AYES	NAYS
Kristi Bell, Chair		
Eric Franson, Vice-Chair		x
Jeff Coombs		x
David Pitcher	x	
Dawn Ramsey		
Blake Tullis	x	
Kim Shelley	x	
AYES:	**3**	
NAYS:	**2**	
Motion Passes:	**Yes**	

s. Henefer Secondary Water – Heather Pattee

Representing Henefer Secondary Water was Mayor Richins.

Heather informed the Board that Henefer Town is requesting financial assistance to install a secondary water system including transmission and distribution. Because this project is solely for secondary water, there is no basis to score this project for the Project Priority List for drinking water improvements; however, it will help the town preserve the treated drinking water for culinary use. The total project cost is $4,621,000. Henefer will contribute $25,000 towards the project and have received two grants; 1) $1,000,000 WaterSMART WEEG grant and 2) $1,496,000 Bureau of Reclamation grant. Henefer is requesting the remaining balance of $2,100,000 from the Drinking Water Board.

The local MAGI for Henefer Town is $68,700, which is 148% of the State MAGI. The current average water bill is $41.45/ERC, which is 0.72% of the local MAGI. The estimated after project water bill at full loan would be $99.74/ERC or 1.74% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $ 2,100,000 at 1.0% interest for 30 years to Henefer Town. Conditions include that they resolve all points on their IPS report.

Mayor Richins thanked the Board for its time and for considering their request. Since March 2018 the town has had a moratorium on new culinary water connections due to the lack of a secondary water system. Due to this issue, residents use culinary water for their outdoor watering which

drops their tank quite low in the summertime. Developing a secondary water system will take the pressure off of their culinary water system and allow them to lift the moratorium.

The Mayor clarified for David that their secondary system will be metered, and owned and operated by the Town. The Mayor assured the Board that they're taking care of their IPS points. The Mayor replied to Kim that the secondary water system rates will be tiered and will promote conservation.

- Blake Tullis moved that the Drinking Water Board authorize a loan of $2,100,000 at 1.0% interest for 30 years to Henefer Town. Conditions include that they resolve all points on their IPS report. David Pitcher seconded. The motion was carried unanimously by the Board.

Jeff asked if funding a secondary water system would be setting a precedent for the Board. Michael replied that yes, it would be setting a precedent because it isn't something the Board has ever considered before now. Michael explained that the main criteria in the Federal program to provide funding for secondary water systems is that it relieves pressure on the culinary system and is a more cost-effective measure than other options. In this case, the other option for Henefer Town would be to build a treatment plant in order to increase their supply and they would still be using treated water to irrigate outdoors. In Michael's discussions with both EPA and Henefer's engineers, it was found that this is a viable option based on the cost effectiveness of this approach versus other approaches to increase their supply, and also an acceptable option for the Federal program. Even though this funding would be setting a precedent, it is still an authorized use of Federal Drinking Water funds.

David commented that this type of application would normally go to the Division of Water Resources and he is interpreting this particular project as an exception to the normal procedure.

Tim commented that the scrutiny that went into this project with the Town and EPA helps to ensure that it is the most cost-effective way of maintaining a public water system's drinking water supply. It is the type of scrutiny that DDW would undertake for any of these types of applications; Division of Water Resources would not go through that same type of analysis review.

t. San Juan County La Sal – Elisa Brawley

Representing San Juan County La Sal was San Juan County Chief Administrative Officer Mack McDonald.

Michael informed the Board that San Juan County is proposing a feasibility study for creating a drinking water system for residents in the La Sal area who are currently on private wells. The total project cost is estimated at $60,000. San Juan County is requesting the full balance of $60,000 from the Drinking Water Board.

The La Sal area consists of approximately 348 residents and 115 potential service connections for any water system that may be developed. The MAGI for La Sal is $38,300 which is 82% of the State MAGI. There is not enough information to calculate an after-project water bill since La Sal does not have a system.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a planning loan of $60,000 with 100% principal forgiveness to San Juan County for a feasibility study of the La Sal area.

Mack McDonald believes they're behind on this issue in San Juan County as people seek affordable housing and development in the area. The feasibility study will look at the entire system and will help them with the end goal of developing water system infrastructure. Existing owners, straining for some type of a water system, are willing to donate water shares and tanks. Once the study is complete they hope to expend some of the County's ARPA funds to bring the water system project to fruition.

David said that while he supports this project, it may be cost prohibitive to create water systems in some areas of the State. There has to be consideration for making viable water systems in planned areas/developments.

- David Pitcher moved that the Drinking Water Board authorize a planning loan of $60,000 with 100% principal forgiveness to San Juan County for a feasibility study of the La Sal area. Kim Shelley seconded. The motion was carried unanimously by the Board.

u. Heber City – Michael Grange

On January 11, 2022, the Drinking Water Board authorized a $12,340,000 construction loan at 2.2% interest for 30 years to Heber City to replace over 31,000 feet of distribution pipeline, add and replace fire hydrants, replace valves, and update customer connections in the Old Town Heber City area.

On April 5, 2022, staff received an email from Heber City declining the financial assistance.

The Financial Assistance Committee recommends that the Drinking Water Board deauthorize the $12,340,000 construction loan to Heber City.

- Blake Tullis moved that the Drinking Water Board deauthorize a $12,340,000 construction loan to Heber City. David Pitcher seconded. The motion was carried unanimously by the Board.

8. Public Comment Period

No public comments were made.

9. Open Board Discussion

There was no open board discussion.

10. Other

Tim mentioned that H.B. 22 Open and Public Meetings Act Modifications, passed during 2022 General Session, modified open and public meetings (including State Board meetings) related to electronic meetings and roll call voting. This bill becomes law on July 1, 2022.

- H.B. 22 allows for electronic open and public meetings.
- H.B. 22 further stipulates that any vote made by the Board that is not initially unanimous must be then conducted as a roll call vote. In those cases, Tim will read each Board Member's name for their vote, while Allyson records the votes.

11. Next Board Meeting

Date:	Thursday July 21, 2022
Time:	1:00 PM
Place:	Zoom Webinar

12. Adjourn

- Blake Tullis moved to adjourn the meeting.

The meeting adjourned at 4:51 PM.

Agenda Item 4(B)

State of Utah
SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF DRINKING WATER
Tim Davis
Director

Drinking Water Board
Kristi Bell, Chair
Eric Franson, P.E., Vice-Chair
Dawn Ramsey
Jeff Coombs
David O. Pitcher
Blake Tullis, Ph.D.
Kimberly D. Shelley
Tim Davis
Executive Secretary

DRINKING WATER BOARD MEETING
July 21, 2022, 1:00 PM
Via Zoom Webinar

DRAFT MINUTES

1. Call to Order

Kristi Bell, Chair, called the Drinking Water Board (DWB) meeting to order at 1:04 PM.

2. Roll Call – Michael Grange

Tim Davis was absent; Michael Grange took roll call in his stead.

Board Members Present: Kristi Bell, David Pitcher, Eric Franson, Dawn Ramsey, Blake Tullis.

Division of Drinking Water (DDW, Division) Staff Present: Michael Grange, Allyson Spevak, Skye Sieber, Heather Pattee, Linda Ross, Kimia Golchin, Kjori Shelley, and Ryan Dearing.

3. Disclosure for Conflict of Interest

Kristi Bell disclosed her conflict of interest related to the Uintah Town project as she is on the Uintah Town Council.

Eric Franson disclosed his conflict of interest related to the Timber Lakes and Helper City projects as his firm, Franson Civil Engineers, is representing the water systems for these projects.

- David Pitcher moved to table the three "conflicted" projects; Uintah Town, Timber Lakes, and Helper City until the August 31, 2022, Drinking Water Board Meeting where there will be a quorum to vote on these projects while Kristi and Eric sit out their votes, respectively. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

4. Financial Assistance Committee Report
   A. Status Report – Michael Grange

Federal SRF Program Update

Michael explained that in the Status Report, the Federal program shows a negative balance of approximately $30.5 million through May 2023. The program has received approximately $85 million in principal repayments and that amount is continually revolving through the bank account. The current balance of the Federal, second-round bank account, is currently over $90 million. The current snapshot proposes that the Board authorize more projects than we currently have a bank account balance to cover; however, authorization is not obligation. Many of these loans will take anywhere from six months to a year or more to actually close and begin to draw money.

While the Status Report shows a negative balance, Michael wants to reassure the Board that the program has money to authorize projects. Between the repayment stream which is about $8-10 million per year, and the incoming capitalization grant funding through the Bipartisan Infrastructure Law (BIL) for the next five years, the program will have the balance to authorize projects, but not necessarily the cashflow.

Starting with the November 1, 2022 DWB meeting, Michael hopes to include a cash flow summary in the packet to show revenue streams, expenses, and estimated expenses over the course of the coming year for projects authorized by the Board. This cash flow summary will help to reassure the Board that the cash flow is there to support all of the projects being authorized and provide the applicants with the assurance that the money will be there when it's time to start applying for repayment reimbursement.

Michael reported there will be at least 8-9 projects going to the August meeting for about $25 million in funding requests. Between the June 7 meeting, today's meeting, and the proposed requests for the August meeting, there are currently $140 million in funding requests which is a staggering amount. Division of Water Quality's Clean Water SRF program has moved to two funding cycles per year to deal with their similar increase in requests and to handle the overallocation issue.

Michael reported that the Federal program currently has a negative balance of $61,481,567. Over the course of the coming year, approximately $30.9 million will be added to the fund, and another $24 million will be added through the FY2023 Capitalization Grant, which includes Bipartisan Infrastructure (BIL) Law funding of approximately $20 million in Supplemental SRF program funds along with approximately $7 million in Base SRF funding.

Michael assured the Board that the Utah Legislature has made available the State match required to receive the BIL funding for fiscal years 2022 and 2023. Tim proposes to return to the Legislature in January 2023 to secure the State match for at least an additional one or two years, if not all three remaining years of the BIL funding (there are five years total for BIL funding).

The Status Report lists several Federal project loans that the staff is working to close.

State SRF Program Update

Michael informed the Board that the State SRF program information was inadvertently left out of the packet but he shared the details during this meeting. The State SRF program currently has $2.4

million available. Over the course of the coming year, approximately $3.9 million will be added by June 1, 2023, but it will change with the aforementioned State match funds.

Staff is working to close State project loans which include some American Rescue Plan Act (ARPA) funding.

B. Project Priority List – Michael Grange

Michael reported that 15 new projects are recommended to be added to the Project Priority List:

1. Uintah Town (scored 49.6 priority rating points) – Their project will be to build two new 375,000-gallon water tanks with associated appurtenances.
2. Beaver City (45.4 points) – Their project is to replace 10,000 feet of old, inadequate distribution line, 2,200 feet of deteriorating pipeline, construct a well house over an existing well and replace the roof of a well building.
3. South Duchesne (43.8 points) – Their project consists of abandoning a 30,000-gallon tank, construct a new PRV valve and vault, main line, meters, and a SCADA system.
4. Timber Lakes (42.6 points) – Their project will address new master meters, distribution line upgrade, spring redevelopment, install a spring pump station, and a 100,000-gallon tank.
5. Moroni Additional Funding (new loan) (35.3 points) – Their new loan would include additional funding to complete a 500,000-gallon tank, overflow line, and PRV upgrades.
6. Canyon Meadows (35.1 points) – In January 2019 they received funding; a $2,725,000 loan at a 1.0% hardship grant assessment (HGA) fee for 30 years with $550,000 in principal forgiveness. This was for a project consisting of a transmission line, distribution line with fire hydrants, 150,000-gallon tank, and water treatment plant. Due to inflation and other identified improvements, they are requesting $287,879 in additional funds.
7. Granger Hunter Improvement District (31.2 points) – Their project is to replace the waterline and booster pump station.
8. Helper (19.0 points) – Their project includes replacing 5.9 miles of distribution line, well rehabilitation, meter replacement, storage tank rehabilitation, and a SCADA system.
9. Cedarview Montwell (17.5 points) – Their project is to construct a 9-mile transmission line that will connect the distribution system to their primary source, the Victory Pipeline.
10. Provo (15.1 points) – Their project will construct ASR Phase II: a 2,000,000-gallon-per-day water treatment plant, and 2,850 feet of transmission line.
11. Scipio (11.5 points) – Their project addresses spring redevelopment.
12. Manila (11.4 points) – Their project includes inspecting and refurbishing three existing culinary wells, and replacing equipment for those wells.
13. Pinion Forest SSD Phase 1 (11.3 points) – Their project is to install a 500,000-gallon storage tank, 59,000 of transmission line, two pump stations, and 7 PRV stations.
14. Holden (9.8 points) – Their project is to drill a new well, install a transmission line, construct a new 500,000-gallon tank, redundant tank distribution line, meter upgrades, and upgrades to the chlorination.
15. Hoytsville (5.6 points) – Their project consists of a 400,000-gallon tank and transmission line.

The Financial Assistance Committee (FAC) recommends that the Drinking Water Board approve the updated Project Priority List as presented, with the addition of these 15 projects.

- David Pitcher moved that the Drinking Water Board approve the updated Project Priority List. Eric Franson seconded. The motion was carried unanimously by the Board.

C. SRF Applications
i) 6.7.22 TABLED FEDERAL PROJECTS
a. Johnson WID – Elisa Brawley

Representing Johnson WID (Water Improvement District) were Dickson Taylor, and consulting engineers Jason Blakenagel and Justin Atkinson with Sunrise Engineering.

Johnson WID's project was presented at the June 7 meeting; using just residential connections, new affordability calculations were presented at today's meeting.

Elisa Brawley informed the Board that Johnson WID is proposing to install a mainline and upgrade water lines in order to connect the Independence area to the system. This project addresses a public health issue and a compliance issue. The total project cost is estimated at $2,452,000. The District is contributing $100,000 towards this project and requests the balance of $2,352,000 from the Drinking Water Board.

Johnson WID serves approximately 1,880 residents with 766 residential connections. The weighted Median Adjusted Gross Income (MAGI) for the service area is $36,120 which is 78% of the State MAGI. The after-project residential water bill at a full loan for 30 years would be $82.66 or 2.75% of the local MAGI. Based on population, rural location, and local MAGI, the District qualifies for additional subsidy.

Staff defers a funding recommendation to the Drinking Water Board; the three options are listed in the packet.

Jason explained that the District has many oil and gas industry connections whose use fluctuates from year to year. During slower use years the residential connections are left to make up the difference creating a unique challenge for the District. Michael further explained that despite there being industrial demand for this water, the Independence area is mainly residential, hence using only residential connections for the affordability calculations.

Dickson explained that the District is the only water system in the area and they're currently purchasing water from the Ute Tribe. This project would help this area, including nearby Ballard, which is experiencing water shortages, and it means the District would buy less water from the Tribe.

- David Pitcher moved that the Drinking Water Board authorize a loan of $2,352,000 with 100% principal forgiveness to Johnson WID. Eric Franson seconded. The motion was carried unanimously by the Board.

b. Levan Town – Skye Sieber

Representing Levan Town were Mayor Bruce Rowley and consulting engineer Tyler Faddis with Jones & DeMille Engineering.

Skye informed the Board that Levan Town is requesting financial assistance to replace aged and failing lead jointed ductile iron pipe. The total project cost is estimated at $2,895,000. The Town will be contributing $28,950 towards the project and is requesting the balance of $2,866,050 from the Drinking Water Board.

Levan's request was initially presented at the June 7, 2022, DWB Meeting and was tabled because the Town indicated the maximum they could increase their monthly base water rate was $10.00/connection. Per the Board's request, staff developed additional funding options for their consideration at a subsequent meeting. Staff created a normal repayment schedule and a graduated repayment schedule which would give the Town time to implement a larger water rate increase. The MAGI for Levan Town is $51,400, which is 111% of the State MAGI and the current average water bill is $40.26/connection, which is 0.94% of the local MAGI.

Staff defers a funding recommendation to the Drinking Water Board; the packet lists the possible funding options.

Eric acknowledged that while it's difficult to raise one's rates, there are many systems statewide that need funding assistance. The true cost of providing water is more than the Town is currently charging.

Mayor Rowley explained that one reason they're requesting more assistance is that in addition to taking this loan they'll also have to purchase water in the near future as they're extremely short on water. So far, they have sufficient supply, but as the town grows they'll need to purchase water.

Tyler confirmed that this project would resolve the Town's IPS points. Tyler explained that replacing the leaky waterlines will help the Town conserve water and allow them to use more of their own water, delaying the purchase of water rights.

- Eric Franson moved that the Drinking Water Board authorize a loan of $2,866,000 with $1,433,050 in principal forgiveness for a repayable amount of $1,433,000 with a 30-year term with 2% interest to Levan Town. Blake Tullis seconded. <u>The motion was carried unanimously by the Board.</u>

David pointed out that conserving water through the waterline replacement will help their future growth water needs.

ii) STATE

a. Uintah Town – Heather Pattee

The Uintah Town project is being tabled until the August 31, 2022, DWB Meeting. The motion to table this project was made during Agenda Item 3. Disclosure for Conflict of Interest.

b. Cedarview Montwell – Skye Sieber

Representing Cedarview Montwell Special Service District (SSD) were Board Chair Judy Hamblin and consulting engineer Jeff McCarty with Sunrise Engineering.

Skye informed the Board that Cedarview Montwell SSD is requesting financial assistance to construct a 9-mile transmission line. The project will connect their distribution system directly to the District's source, Victory Pipeline, rather than through an existing exchange agreement with Roosevelt City. The agreement puts a limit on the amount of water available to the District and they're quickly approaching that limit. Constructing a direct connection to their source will allow the District to grow into the future. The total project cost is estimated at $4,715,000. The District will contribute $50,000 cash towards the project and is requesting the balance of $4,665,000 from the Drinking Water Board. The District has specifically requested ARPA grant funding.

Cedarview Montwell serves approximately 310 residents with 105 connections. The MAGI for the service area (ZIP Code 84066) is $41,200, which is 89% of the State MAGI and the current average water bill is $72.91/connection, which is 2.12% of the local MAGI. The after-project water bill at a full loan would be $381.67/ERC or 11.12% of the local MAGI. Based on population, rural location, and monthly water bill, the district qualifies to be considered for ARPA funding.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $1,165,000 at 0% interest for 40 years to Cedarview Montwell Special Service District and an ARPA construction grant of $3,500,000 for a transmission line. Additionally, the Board authorizes a release of up to $176,000 from the grant for planning and engineering design.

- David Pitcher moved that the Drinking Water Board authorize a construction loan of $1,165,000 at 0% interest for 40 years to Cedarview Montwell Special Service District and an ARPA construction grant of $3,500,000. Additionally, the Board authorizes a release of up to $176,000 from the grant for planning and engineering design. Blake Tullis seconded. <u>The motion was carried unanimously by the Board.</u>

c. Manila – Skye Sieber

Representing Manila Town was Mayor David Coombs.

Skye informed the Board that the Manila Town water system is requesting financial assistance to inspect and refurbish three existing culinary wells. The total project cost is estimated at $505,000. The Town will be contributing $5,000 towards the project and is requesting the balance of $500,000 from the Drinking Water Board.

The Manila Town water system serves approximately 1,750 people with 900 connections located within Manila Town, surrounding Daggett County, and a portion of Wyoming. The MAGI for the area (ZIP Code 84046) is $44,100, which is 95% of the State MAGI. The current average water bill is $62.29/ERC, which is 1.69% of the local MAGI*; the after-project water bill at a full loan wouldn't change. The Town is taking in more than enough revenue to cover O&M costs and their existing debt service, and they would also be able to afford this new loan request.

*Skye noted that the water bill amount is higher than shown in the packet because the town included old budget numbers in their April application.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of $500,000 at 2.28% interest for 30 years to the Manila Town water system to inspect and refurbish three existing wells. Conditions include that they resolve all issues on their compliance report. This project should help resolve at least one of those issues which is that they lack up to 20% of required source capacity.

Mayor Coombs had hoped to receive a full grant as opposed to the full loan recommended by the FAC. He explained that they're refurbishing the wells to continue to serve their residents and meet tourism demand.

- Eric Franson moved that the Drinking Water Board authorize a loan of $500,000 at 2.28% interest for 30 years to the Manila Town water system to inspect and refurbish three existing wells. Conditions include that they resolve all issues on their compliance report. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

d. Hoytsville – Elisa Brawley

Representing Hoytsville were Board Member Tyler Larsen and consulting engineer Steve Jones with Halen Engineers.

Elisa informed the Board that Hoytsville is requesting financial assistance to install a 400,000-gallon tank and transmission line to provide water supply redundancy and resiliency to the system and to comply with a request from the fire marshal for additional fire protection. This project will address a compliance issue. The total project cost is estimated at $1,594,949 and Hoytsville is requesting the full amount from the Drinking Water Board.

The MAGI for the ZIP code area of Hoytsville is $59,200 and is 127% of the State MAGI. The current average water bill is $44.35/connection, which is 0.9% of the local MAGI. The after-project water bill at a full loan would be $74.79 or 1.52% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $1,595,000 at 2.58% for 30 years to Hoytsville Culinary Water System. Conditions include that they resolve all issues on their compliance report.

- David Pitcher moved that the Drinking Water Board authorize a construction loan of $1,595,000 at 2.58% for 30 years to Hoytsville Culinary Water System. Conditions include that they resolve all issues on their compliance report. Eric Franson seconded. The motion was carried unanimously by the Board.

iii) FEDERAL

a. South Duchesne – Elisa Brawley

Representing South Duchesne was Utah Mini Ranches HOA President Renee Steuble and consulting engineer Jeff Baker with Jones & DeMille Engineering.

Elisa informed the Board that South Duchesne Culinary Water is requesting financial assistance to disconnect from their 30,000-gallon tank which contributes to low static pressures and to install a PRV station, meters, and a SCADA system. The project would also replace a leaky and failing transmission mainline. This project will address a public health issue. The total project cost is estimated at $1,992,500. South Duchesne is contributing $10,000 towards the project and is requesting the balance of $1,982,500 from the Drinking Water Board. South Duchesne has specifically requested ARPA grant funding.

The MAGI for Duchesne is $34,800 or 75% of the State MAGI. The current water bill is $40, which is 1.38% of the local MAGI. The after-project water bill at a full loan would be $83.17 or 2.87% of the local MAGI. Based on population, rural location, and the after-project water bill, the Town qualifies to be considered for ARPA funding.

Staff defers a funding recommendation to the Drinking Water Board; however, the FAC did recommend a $482,000 loan for 30 years at 2.0% interest, and a $1,500,500 ARPA grant. Conditions include that they resolve all issues on their compliance report.

Renee Steuble explained that the system has had to repair five major leaks in its transmission mainline in the last two weeks, causing water delivery issues. Beginning August 1 their water rate will increase from $40 to $60 to help cover repair costs, to the dismay of their customers. The HOA has been helping the system financially, including paying for their booster pump which was approximately $500,000. Without this project, the area cannot be further developed. Any help that could be given would be greatly appreciated by all those involved.

Eric asked if a loan would change the newly instituted $60 water rate or if the new rate sufficient to cover a loan repayment. Renee replied that the new rate is probably not enough to cover a loan repayment and that they indeed would have to raise rates again.

Per David's inquiry, Elisa replied that staff can look at a graduated repayment schedule to help make the loan more affordable for the system.

- David Pitcher moved that the Drinking Water Board authorize a loan of $482,000 for 30 years at 2.0% interest and an APRA grant of $1,500,500. Conditions include that they resolve all issues on their compliance report. Also, staff will work on a graduated repayment schedule. Dawn Ramsey seconded. <u>The motion was carried unanimously by the Board.</u>

b. Beaver City – Heather Pattee

Representing Beaver City was City Manager Jason Brown and consulting engineer Tyler Faddis with Jones & DeMille Engineering.

Heather informed the Board that Beaver City is requesting financial assistance to replace 10,000 feet of old and inadequate distribution line, 2,200 feet of deteriorating pipeline, construct a well house over an existing well, and replace the roof of another well building. The total project cost is $2,679,146. Beaver will contribute $26,526 to the project and is requesting the balance of $2,652,620 from the Drinking Water Board.

The local MAGI for Beaver City is $33,300, which is 72% of the State MAGI. The current average water bill is $42.68/ERC, which is 1.54% of the local MAGI. The estimated after-project water bill at full loan would be $63.33/ERC or 2.28% of the local MAGI. Based on MAGI and the average monthly water bill, Beaver City qualifies to be considered for additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $2,652,620 with $1,330,620 in principal forgiveness to Beaver City, for a repayable loan amount of $1,322,000 at 0% interest for 40 years.

- Blake Tullis moved that the Drinking Water Board authorize a construction loan of $2,652,620 with $1,330,620 in principal forgiveness to Beaver City, for a repayable loan amount of $1,322,000 at 0% interest for 40 years. Dawn Ramsey seconded. The motion was carried unanimously by the Board.

c. Timber Lakes – Elisa Brawley

The Timber Lakes project is being tabled until the August 31, 2022, DWB Meeting. The motion to table this project was made during Agenda Item 3. Disclosure for Conflict of Interest.

d. Moroni City – Skye Sieber

Representing Moroni City was Mayor Paul Bailey.

Skye informed the Board that Moroni City is requesting supplemental funding to complete the construction of a 500,000-gallon storage tank, overflow line, and PRV upgrades. The total amount of estimated funding needed is $2,357,000, of which the City is requesting the full amount from the Drinking Water Board.

On November 3, 2020, the Board authorized a loan of $3,535,000 at a 1.0% HGA fee for 30 years with $1,050,000 in principal forgiveness to Moroni City to construct several improvements to their drinking water system. Phase 1 of the project, drilling a new well, was completed in Spring 2022. Phase 2 design was approved and went out to bid in May 2022; the City received four competitive bids, all significantly higher than the original engineering estimate. The City has calculated that they need an additional $2,357,000 to cover the apparent low bid. Construction is anticipated to start in August 2022.

The MAGI for Moroni is $38,600, which is 83% of the State MAGI and the current average monthly water bill, including irrigation, is $62.52/connection, which is 1.94% of the local MAGI. The after-project water bill at a full loan would be $92.47/connection, which is 2.87% of the local MAGI. Based on the average monthly water bill, the City qualifies to be considered for additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $2,357,000 with $707,000 in principal forgiveness to Moroni City for a repayable loan amount of $1,650,000 at a 1.0% HGA fee for 30 years to complete the construction of the 500,000-gallon storage tank, overflow line, and PRV upgrades. The recommendation is based on the previous loan terms approved by the Board in 2020.

Mayor Bailey explained that one of their main wells went down a few years ago and the other well had high nitrates. Because of these issues, the City decided it needed to add another well, which has been completed. Bids for the remaining phase of the project were quite high. They also recently raised their irrigation rates by $15 per connection, bringing their water bill close to $100. In light of these expenses, they're requesting any additional funding assistance beyond the 70% loan / 30% principal forgiveness. Moroni has very few businesses and so its tax base is quite low.

- Eric Franson moved that the Drinking Water Board authorize a construction loan of $2,357,000 with $1,179,000 in principal forgiveness to Moroni City for a repayable loan amount of $1,178,000 at a 1.0% HGA fee for 30 years. Blake Tullis seconded. The motion was carried unanimously by the Board.

e. Canyon Meadows – Heather Pattee

Representing Canyon Meadows were Scott Lybbert and consulting engineer Ted Mickelson with Jones & DeMille Engineering.

Heather informed the Board that on January 15, 2019, Canyon Meadows Mutual Water Company was authorized funding through a loan in the amount of $2,725,000 at a 1.0% HGA fee for 30 years with $550,000 in principal forgiveness. This was for a project consisting of a transmission line, a distribution line with fire hydrants, a 150,000-gallon tank, and a water treatment plant. They have felt the impacts of construction inflation as they near the end of the project. They've also identified some additional improvements that will further enhance the system including a SCADA replacement and radio read meters. Therefore, Canyon Meadows is requesting additional funds in the amount of $287,879.

The local MAGI for Canyon Meadows is approximately $65,000 (140% of the state MAGI). The after-project water bill at full loan would be $515.72 or 9.52% of the local MAGI; therefore, they do qualify as a hardship community to receive additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $287,879 with $57,879 principal forgiveness to Canyon Meadows Mutual Water Company for a repayable loan amount of $230,000 at a 1.0% HGA for 30 years. Conditions include that they resolve all issues on their compliance report. The financial analysis is based on the percentages of the original funding package of an 80/20 split.

- David Pitcher moved that the Drinking Water Board authorize a construction loan of $287,879 with $57,879 principal forgiveness to Canyon Meadows Mutual Water Company for a repayable loan amount of $230,000 at a 1.0% hardship grant assessment fee for 30 years. Conditions include that they resolve all issues on their compliance report. Blake Tullis seconded. The motion was carried unanimously by the Board.

Heather confirmed for Eric that this additional loan requires another loan closing.

f. Granger Hunter ID – Michael Grange

Representing Granger Hunter Improvement District (GHID) was Todd Marti.

Michael informed the Board that GHID is requesting $13,811,820 in financial assistance to install over 13,000 feet of waterline, build a new 4,000 gallon-per-minute pump station, and install a backup generator. This project is included in GHID's current master plan. The existing cast iron waterline was installed in 1957 and has reached the end of its useful life. It has experienced multiple failures over the last few years and there is an elevated risk of failure during a large earthquake. In the event of waterline failure, up to 6,000 customers could be left without water. The Ridgeland Pump Station and generator have also reached the end of their useful life. The pump station does not meet the current seismic code and could experience significant damage in the event of a large earthquake. In the event of damage or failure, water service to over 70,000 people could be negatively affected.

GHID is located in Salt Lake County and provides drinking water and sewer service to a large area, including West Valley City. GHID's service area lies mainly in two ZIP codes, 84119 and 84120, and their MAGI is approximately $34,750 which is 74.7% of the State MAGI. The current average water bill is $57.51 per connection, which is 1.99% of the average local MAGI. The estimated after-project water bill at a full loan is $62.16/connection or 2.15% of local MAGI. GHID currently has no IPS points assessed against it.

The Financial Assistance Committee recommends the Drinking Water Board authorize a $13,811,820 construction loan with $2,811,820 in principal forgiveness to Granger Hunter Improvement District, for a total repayable loan amount of $11,000,000 at 0.50% HGA fee, in lieu of interest, for 30 years.

- David Pitcher moved that the Drinking Water Board authorize a $13,811,820 construction loan with $2,811,820 in principal forgiveness to Granger Hunter Improvement District, for a total repayable loan amount of $11,000,000 at a 0.50% hardship grant assessment fee, in lieu of interest, for 30 years. Dawn Ramsey seconded. <u>The motion was carried unanimously by the Board.</u>

g. Helper City – Elisa Brawley

The Helper City project is being tabled until the August 31, 2022, DWB Meeting. The motion to table this project was made during Agenda Item 3. Disclosure for Conflict of Interest.

h. Provo City – Skye Sieber

Representing Provo City was engineer Shane Jones.

Skye informed the Board that Provo City is requesting financial assistance to construct a 20 million-gallon-per-day water treatment plant and transmission line as part of Phase II of its aquifer storage and recovery project. The total cost of Phase II is estimated at $69,500,000. The City has secured a $36,750,000 loan (30 years at 1% interest) from the Board of Water Resources which fully funds Phase I of the project and will partially fund Phase II. The City is contributing $5,250,000 towards the project and anticipates additional grant funding, primarily ARPA funds through Utah County, and an as yet awarded BRIC (Building Resilient Infrastructure for

Communities) FEMA grant. Provo City is requesting the balance of up to $36,750,000 from the Drinking Water Board.

The local MAGI for Provo is $30,600, which is 66% of the State MAGI and the current average residential monthly water bill is $46.77/connection, which is 1.83% of the local MAGI. The after-project water bill at a full loan would be $74.72/connection or 2.93% of the local MAGI. Based on the MAGI and the average residential water bill, the City qualifies to be considered for additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a loan of up to $36,750,000 at 1.0% interest for 40 years to Provo City for a water treatment plant and transmission line. Conditions include that they resolve all issues on their compliance report.

- Eric Franson moved that the Drinking Water Board authorize a loan of up to $36,750,000 at 1.0% interest for 40 years to Provo City for a water treatment plant and transmission line. Conditions include that they resolve all issues on their compliance report. Blake Tullis seconded. The motion was carried unanimously by the Board.

i. Holden Town – Heather Pattee

Representing Holden Town was Mayor Darren Fox and consulting engineer Jesse Ralphs with Sunrise Engineering.

Heather informed the Board that Holden Town is requesting financial assistance to drill a new well, install a transmission line, construct a new 500,000-gallon tank, redundant tank distribution line, meter upgrades, and upgrades to the chlorination. The total project cost is $8,841,000. Holden Town will be contributing $150,000 towards the project and is requesting the balance of $8,691,000 from the Drinking Water Board. Holden has applied for a $1 million USDA Rural Development grant and will know if they've been awarded the grant by the end of September 2022. If they do receive this grant they would request a $1 million reduction of the repayable amount of the DWSRF loan.

The local MAGI for Holden Town is $44,500, which is 96% of the State MAGI. The current average water bill is $29.51/connection, which is 0.80% of the local MAGI. The estimated after-project water bill at full loan would be $119.20/connection or 3.21% of the local MAGI. Based on MAGI and after project average monthly water bill, Holden Town qualifies to be considered for additional subsidy. Decreasing the loan amount by $1,000,000 would still put the after-project water bill above the local MAGI threshold of 1.75%, at 2.08% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of up to $8,691,000 with $3,500,000 in principal forgiveness to Holden Town for a repayable amount of up to $5,191,000 at 0% interest for 40 years. Additionally, the Board authorizes a release of up to $400,000 from principal forgiveness for design and engineering. Conditions include that they resolve all points on their IPS report and create a tiered rate structure to promote water conservation.

Mayor Fox explained Holden has two springs that serve as their water sources, whose production has decreased over the last several years, from 340 gallons per minute to 210 gallons per minute. In light of this decrease, the Town desperately needs a well to meet DDW's recommended 450 gallons per minute. Holden is relatively small with 450 residents and a small number of wealthier residents have bumped up their MAGI, while the vast majority of residents are on a fixed income. The Town recently increased its water rates to $32/month and cut the amount of water residents receive. The Mayor asked the Board to consider Option #2 listed in the packet which is 50% principal forgiveness and 50% loan so that the project isn't such a hardship to residents.

Blake asked why the FAC chose their recommendation of more loan, rather than the more affordable 50/50 split. Eric replied that in order to be consistent with how much grant assistance the Board is providing to rural communities, the FAC decided to cap the principal forgiveness amount at $3,500,000, which is the same cap for ARPA grants.

- Eric Franson moved that the Drinking Water Board authorize a construction loan of up to $8,691,000 with $3,500,000 in principal forgiveness to Holden Town for a repayable amount of up to $5,191,000 at 0% interest for 40 years. Additionally, the Board authorizes a release of up to $400,000 from principal forgiveness for design and engineering. Conditions include they resolve all points on their IPS report and create a tiered rate structure to promote water conservation. David Pitcher seconded. <u>The motion was carried unanimously by the Board.</u>

j. Scipio – Skye Sieber

Representing Scipio Town were Mayor Tom Memmott, and consulting engineers Kelly Chappell and Kurt Marchant with Ensign Engineering.

Skye informed the Board that Scipio Town is requesting financial assistance to redevelop their spring. This project will address a public health issue. The total project cost is estimated at $3,545,000. The Town will be contributing $25,000 towards the project and is requesting the balance of $3,520,000 from the Drinking Water Board.

The MAGI for Scipio is $45,500, which is 98% of the State MAGI and the current average water bill is $21.22 per equivalent residential connection (ERC), which is 0.56% of the local MAGI. The after-project water bill at a full loan would be $91.80/ERC or 2.42% of the local MAGI.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $3,520,000 with $1,240,000 in principal forgiveness to Scipio Town, for a repayable loan amount of $2,280,000 at 2.7% interest for 30 years for spring redevelopment. Additionally, the Board authorizes a release of up to $120,000 from principal forgiveness for planning and engineering design. Conditions include that they resolve all issues on their compliance report. The Town has points for monitoring issues which will be resolved once they've submitted a year's worth of residual data. The Town's 5 Mile Spring also has points that will be resolved with this project.

Mayor Memmott said that their spring hasn't been redeveloped in approximately 50 years and it's a constant maintenance nightmare. The drought is also decreasing their quantity of water.

Kelly Chappell explained that the spring redevelopment will consist of excavation of the existing earthen and pipe materials and replacing that material with new collection pipe. Furthermore, according to the packet's description, the proposed project will consist of redeveloping Scipio Town's existing '5 Mile Spring' collection area by removing and disposing of the 18 existing collection boxes, perforated pipes, and liners, installing 10 new spring collection boxes, 5,200 cubic yards of gravel filter media, 22,000 square yards of impermeable liner and 2,000 linear feet of 4" perforated PVC pipe. The spring redevelopment project will address deteriorated spring collection boxes and collection pipes. Several of the collection boxes are subject to surface water contamination; during large storm events, the water is often cloudy due to suspended sediment.

David asked what the Town had done in preparation for rate increases. Mayor Memmott replied that they'll hold a town meeting to ensure the residents are aware of the increase.

- David Pitcher moved that the Drinking Water Board authorize a construction loan of $3,520,000 with $1,240,000 in principal forgiveness to Scipio Town, for a repayable loan amount of $2,280,000 at 2.7% interest for 30 years for spring redevelopment. Additionally, the Board authorizes a release of up to $120,000 from principal forgiveness for planning and engineering design. Conditions include that they resolve all issues on their compliance report. Eric Franson seconded. <u>The motion was carried unanimously by the Board.</u>

k. Pinion Forest SSD – Heather Pattee

Representing Pinion Forest SSD (Special Service District) were Sharon Urtaza, consulting engineer Jeff Baker with Jones & DeMille Engineering, Duchesne County Commissioner Irene Hanson, and Clyde Watkins with Duchesne WCD.

Heather informed the Board that Pinion Forest SSD is requesting financial assistance to install a storage tank, two pump stations, 7 pressure reducing valves, and distribution lines in the east end of the system. Pinion Forest is currently a fill station for its residents and doesn't have a distribution system. The total project cost is $8,552,520. Pinion Forest SSD will be contributing $520 towards the project and is requesting the balance of $8,552,000 from the Board. At the 6.7.22 meeting, the Board authorized a $299,000 ARPA grant to install new water treatment improvements.

The local MAGI for Pinion Forest SSD is $34,800, which is 75% of the State MAGI. The current average water bill is $26.90/ERC, which is 0.93% of the local MAGI. The estimated after-project water bill at a full loan for 20 years would be $384.82/ERC or 13.27% of the local MAGI. Based on MAGI and the average monthly water bill, Pinion Forest SSD qualifies to be considered for additional subsidy.

The Financial Assistance Committee recommends that the Drinking Water Board authorize a construction loan of $8,552,000 to Pinion Forest SSD at 0% interest for 40 years. Conditions include that they resolve all points on their IPS report.

Eric said that he was not in favor of a full loan. David remembers that at a previous meeting the intention is to help improve their one source, a well. The system doesn't have a backup source and isn't required to, based on the number of customers who use the fill station which is 27 full-time

and 57 seasonal. They don't have a plan in place should their only source go down. Should it go down, David expressed concern that the residents would owe on a distribution system that doesn't convey water. Heather explained that a few of their customers have started to haul water from Duchesne WCD because of Pinion's water quality issues. Hopefully, once treatment is added to the fill station and the well, some of those customers will return.

Blake asked how many connections there would be if the project were done and what a project on the east end means. Sharon Urtaza explained that Pinion Forest is geographically large, at 162 square miles and its residents are spread throughout the area. The well is located on the east end of the District near Starvation Reservoir. They decided to start in the east end because of the area's higher population; there will be additional project phases for the other areas of the District. Sharon hopes this project will create 100 to 130 residential connections. Their priority is to connect the full-time residents, but they would also welcome seasonal connections.

Sharon acknowledged that their few full-time residents wouldn't be able to afford payments on a full loan and that they would need as much grant assistance from as many sources as possible. The District's board is voluntary and their one paid employee is part-time at 5-10 hours weekly. Their current budget is just able to handle their expenses and they're anticipating additional, ongoing expenses with the new filtration system. Because of those financial constraints, they're not able to take on a loan at this point.

Commissioner Hansen explained this area is just off of Highway 40 between Heber City and Duchesne City and started out as recreational parcels in the 1960s and '70s. As rising costs have forced people to move away from the Wasatch Front over the last 10-15 years, this area has grown substantially. Many of the residents are disabled, living on very low incomes, and wouldn't be able to afford a loan. Pinion Forest is trying to get pipes into the ground to create an ongoing revenue source.

David explained that while there are many areas in Utah where people can reside, not all areas can have water. He doesn't think the Board can set any kind of precedent for extending water service to such areas.

Commissioner Hansen asked about the possibility of this project being eligible for future funding for their type of area if they were shovel-ready at the time of funding. Although, they would need financial assistance to design the project in order to be shovel-ready.

In his absence, Tim asked Michael to speak about the feasibility, cost per connection, and cost per customer of this project. Michael explained that there are pockets of population within this large area and this $8,552,000 project is just for phase 1, a pipe-in-the-ground distribution system, for only 130 connections. If that project were completed, the District would be subject to the requirement of a secondary source because they would have over 100 connections. At that point, they would need funding to drill a new well, construct a new storage tank, and the associated lines and service connections.

The Division is concerned about the ability to meet the needs of such a large district and its residents. While the Division agrees that water is critical and important, are there possibly other financial assistance options available or more cost-effective avenues to help meet their needs? The

Division is unsure if there is a cost-effective solution to provide drinking water to the District as it is currently constituted; perhaps the possibility of breaking up the District into smaller segments needs to be considered. This is the Division's viewpoint at this time, and it asks that the Board be very careful in their deliberation and determination for financial assistance for this particular area.

Clyde Watkins asked if the Board loaned the $299,000 for treatment at the 6.7 meeting from the perspective that it would lead to pipe in the ground, or rather that the District would continue providing water via the fill station. The District wants to get away from being a total fill station, but he understands the Board's point of view regarding the size of the District and the multi-phase nature of the project. Clyde believes the District is now ready to make happen what was requested of them a few years ago.

Michael replied that the funding for the well and storage tank for the fill station came from the Community Impact Board (CIB). In 2007, the Drinking Water Board provided regionalization plan financial assistance. In 2019, the Board provided funding for studying the feasibility of an additional well and other hauling stations, and how best to develop a distribution system. In June 2022 the Board authorized ARPA funding to provide treatment to the existing well and tank for disinfection.

Michael offered to share the results of the aforementioned feasibility study with the Board. Michael will speak with Tim about scheduling a meeting for DDW, Duchesne WCD, Duchesne County, and, Pinion Forest to review the results of the study and determine if there are other means and methods to be identified, in order to provide a reasonable source of good water to this area. Tim is amenable to reasonable solutions that would prove to be more cost-effective than the project before the Board today. David recommended looking at the 2006 Duchesne County Master Plan and any other pertinent reports for the area, in addition to the Pinion Forest feasibility study.

- Eric Franson moved that the Drinking Water Board table the Pinion Forest SSD item until a future board meeting. David Pitcher seconded. <u>The motion was carried unanimously by the Board.</u>

l. Daniel Town – Deauthorization – Heather Pattee

Heather informed the Board that on January 12, 2021, Daniel Town was authorized a loan of $5,692,000 at 0% interest for 30 years with $1,700,000 in principal forgiveness for the construction of a new tank, pump station, and distribution upgrades in the Storm Haven area.

On June 7, 2022, staff received notice from the Town's engineer that the Town Council has decided that it does not have the ability to increase rates sufficiently enough to qualify for the funding package and wishes to decline the funding authorization. The Town plans to update its master plan and would like to submit another application after the master plan is completed.

Staff recommends the Drinking Water Board deauthorize a loan of $5,692,000 at 0% interest for 30 years with $1,700,000 in principal forgiveness to Daniel Town.

- Eric Franson moved that the Drinking Water Board deauthorize a loan of $5,692,000 at 0% interest for 30 years with $1,700,000 in principal forgiveness to Daniel Town. Blake Tullis seconded. The motion was carried unanimously by the Board.

Eric feels that in the Board's effort to spread around funding, follow the guidelines, and be equitable and fair, some communities are disappointed when they don't receive better terms than they were hoping for. Eric thinks there will be more applicants declining funding in the near future because their terms aren't as favorable as they thought they would be given the influx of recent Federal funding. Michael confirmed that we did not receive as much of the BIL funding as we were initially led to believe.

Michael explained that the DWSRF works with two mandates which often at times, compete with one another; 1) provide affordable water rates for our citizens, and 2) protect the fund. The Pinion Forest project is one of those instances where there is strong competition between providing good quality, affordable water, and protecting taxpayer dollars.

The Angel Springs SRF project was a late request, so it wasn't added to the packet or agenda, but is covered in the "Other" section of the minutes.

5. Public Comment Period

No public comments were made.

6. Open Board Discussion

7. Other

Angell Springs SRF Request (Board members received the packet via email prior to the meeting and the packet was posted as an addendum to the DWB website and the Public Notice website prior to the meeting.)

Representing Angell Springs Special Service District (SSD) was Board Chair Karen Blenkinship.

Kjori Shelley informed the Board that Angell Springs SSD is requesting financial assistance to re-equip and refurbish an inactive well to supplement their existing springs which are drying up due to drought conditions. The total project cost is estimated at $81,000 and they are requesting the full amount from the Drinking Water Board.

The local MAGI for Angell Springs SSD is $41,400, which is 89% of the State MAGI. The current average water bill is $39.25/ERC, which is 1.14% of the local MAGI.

Due to the emergency nature of the project and low project cost, staff recommends that the Drinking Water Board authorize a construction grant of $81,000 to Angell Springs Special Service District. Conditions include they resolve all points on their IPS report.

David recalled that at his first Board meeting as a member, on August 27, 2019, Angell Springs requested $67,500 in funding to replace their failed SCADA system. At the time, the system was

encouraged to raise its water rates because it had no reserves to pay for such unexcepted conditions. David asked what follow-up the SSD has taken for this since 2019.

Karen replied that the water bill was increased from $40 per allotment to $60 per allotment. Karen explained that the new rate of $60 differs from the packet water bill amount of $39.25 because residents can own more than one allotment per residence. Karen said that the system is very old and parts continually need to be replaced. Their master plan total was over $1 million for the whole project including a filtration system, fixing pipes, and dead ends. Karen was told it would take years to receive that amount of funding and was advised to try for a smaller amount in order to get the well back online. They have run out of spring water in the middle of summer and had to use the well water to subsidize.

Heather reported that over the years, Angell Springs has received from the Board the following funding; $350,000 loan/grant funding in 2005 for a construction project, $67,500 for a new SCADA system in 2019, and master plan funding in 2021.

David pointed out that while the request is a very small amount, the Board can't be the backup funding source all of the time.

- David Pitcher moved that the Drinking Water Board authorize a construction grant of $81,000 to Angell Springs Special Service District. Conditions include they resolve all points on their IPS report. Blake Tullis seconded. The motion was carried unanimously by the Board.

November 1, 2022, DWB Meeting agenda item: how to handle the issue of overallocation with the influx of both funding and funding requests.

8. Next Board Meeting

Date:	Wednesday, August 31, 2022
Time:	9:00 AM
Place:	Davis Conference Center / Zoom Webinar 1651 N 700 W Layton, UT 84041

9. Adjourn

- Eric Franson moved to adjourn the meeting. Blake Tullis seconded. The motion was carried unanimously by the Board.

The meeting adjourned at 4:11 PM.

Agenda Item 6(A)(i)

DRINKING WATER BOARD PACKET
(Request to Begin Rulemaking)

R309-230 Lead in School Sampling and Remediation Requirements

Presented to the Drinking Water Board August 31, 2022

PROPOSAL:

The Division of Drinking Water (Division) proposes to adopt rules for House Bill 21, to establish what constitutes steps to reduce the lead level below the action level as well as the time period to take steps to reduce the lead level below the action level.

HISTORY/CONTEXT

House Bill 21 School and Child Care Center Water Testing Requirements was passed in the 2022 General Legislative Session. The bill requires all schools, both public and private, to test their consumable taps for lead by no later than December 31, 2023. If a school or child care center finds a lead level for a consumable tap equals or exceeds the action level of 5 parts per billion, the school is required to take steps to stop the use of the consumable tap and to reduce the lead level below the action level.

The bill grants the Drinking Water Board the authority to make rules, in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, to establish what constitutes steps to reduce the lead level below the action level as well as the time period to take steps to reduce the lead level below the action level. The Division of Drinking Water is proposing R309-230 to establish these requirements for House Bill 21.

The proposed rule has received input from several stakeholders including the Water Quality Association, the Utah Board of Education, the Utah Department of Health, local health departments, the Utah Private Child Care Association, and the International Association of Plumbing and Mechanical Officials (IAPMO). The rule has also been pre-filed with the Office of Administrative Rules for review.

DIVISION STAFF/DIRECTOR RECOMMENDATION

The Division recommends that the Drinking Water Board approve filing of R309-230 with the Office of Administrative Rules (OAR) to begin the rulemaking process.

IMPLEMENTATION SCHEDULE

Request Drinking Water Board Approval to File the Rule:	08/31/2022
Deadline to file rule with OAR:	09/01/2022
Publication of Rule in State Utah Bulletin:	09/15/2022
End of 30-Day Comment Period:	10/17/2022
Request Drinking Water Board Approval to Adopt the Rule:	11/01/2022

COST ESTIMATE

The Division anticipates that the adoption of this rule will have some costs to the state budget, local governments, small businesses, and non-small businesses.

The proposed rule will have costs to public schools, private schools, and child care centers which have samples which come back with a lead level of 5 parts per billion or higher. These costs will be reimbursable by the state using federal funding received through both the American Rescue Plan (ARPA) and the Water Infrastructure Improvements for the Nation (WIIN) acts.

State of Utah
Administrative Rule Analysis
Revised November 2021

NOTICE OF PROPOSED RULE		
TYPE OF RULE: New _x__; Amendment ___; Repeal ___; Repeal and Reenact ___		
	Title No. - Rule No. - Section No.	
Utah Admin. Code Ref (R no.):	**R309-230**	**Filing ID (Office Use Only)**
Changed to Admin. Code Ref. (R no.):	**R**	

Agency Information

1. Department:	Environmental Quality	
Agency:	Drinking Water	
Room no.:		
Building:	Multi-Agency State Office Building	
Street address:	195 N 1950 W	
City, state and zip:	Salt Lake City, UT 84116	
Mailing address:		
City, state and zip:		
Contact person(s):		
Name:	**Phone:**	**Email:**
Dylan Martinez	385-278-3807	Dylanmartinez@utah.gov
Please address questions regarding information on this notice to the agency.		

General Information

2. Rule or section catchline:

R309-230. Lead in School Sampling and Remediation Requirements

3. Purpose of the new rule or reason for the change (Why is the agency submitting this filing?)**:**

The division is proposing a rule to establish the time period to take steps to reduce the lead level below the action level as described in Subsection 5 of HB0021

4. Summary of the new rule or change (What does this filing do? If this is a repeal and reenact, explain the substantive differences between the repealed rule and the reenacted rule)**:**

This rule stablishes what constitutes steps to reduce the lead level below the action level and the time period to take steps to reduce the lead level below the action level as described in subsection 5 of House Bill 21

Fiscal Information

5. Provide an estimate and written explanation of the aggregate anticipated cost or savings to:

A) State budget:

Enactment of this rule could cost the Department of Environmental Quality (DEQ) $3,500,000 one-time from previously authorized Federal Funds of the American Rescue Plan Act (ARPA) to issue reimbursements to schools and childcare centers to cover the expenses of testing consumable taps for lead and to provide staff to coordinate sampling and remediation efforts. The Department may also provide reimbursements for the costs of remediating for taps found above the action level for lead. This bill could also cost DEQ up to $411,500 from previously authorized Federal Funds (non-ARPA) for lead testing in schools and childcare centers. This number, $411,500, is half of WIIN grant from EPA (total amount $823,000), which is set aside for FY2023. An additional $411,500 is to be used for FY2024.

B) Local governments:

Enactment of this rule could have a fiscal impact for Local Education Agencies (LEAs) to collect and submit a sample from consumable taps in their facilities to a Certified Laboratory for lead testing. The expense of testing would be paid by the DEQ) It is estimated that there are 45,262 consumable taps subject to testing, and 11% of those taps may require action. The average cost for lead remediation is $281. To the extent that consumable taps are found to be above the action level of 5 parts-per-billion, LEAs could incur expenses of up to $1,399,000 for remediation actions. Subject to availability of funding from previously authorized Federal grants, these expenses may be reimbursable through DEQ. This figure could be reduced if taps have been tested for lead since January 1st 2016.

C) Small businesses ("small business" means a business employing 1-49 persons)**:**

Enactment of this rule could result in a fiscal impact for private schools (which are required) and childcare centers (which have the option) to collect and submit a sample from each consumable tap in their facilities to a certified laboratory. Under this bill, private schools and childcare centers are not required to pay for lead testing, however private schools will be financially responsible for remediation of taps that test above the action level of 5 parts-per-billions and are required to report remedial actions to the DEQ. It is estimated that there are 8,100 taps in private schools and childcare centers subject to testing, and that 11% of those taps may require remedial actions. The average cost for lead remediation is $281 (these estimates are formulated based on the State of Indiana's study (https://www.in.gov/ifa/files/Indiana-School-Lead-Sampling-Program_FinalReport_IFA2019.pdf), resulting in a total possible cost to all private schools and child care centers (small and non-small) in the state of $250,400 (which may be reimbursable through DEQ, subject to the availability of previously authorized Federal grants). This figure could be reduced if consumable taps have been tested for lead since January 1st, 2016.

D) Non-small businesses ("non-small business" means a business employing 50 or more persons)**:**

Enactment of this rule could result in a fiscal impact for private schools (which are required) and childcare centers (which have the option) to collect and submit a sample from each consumable tap in their facilities to a certified laboratory. Under this bill, private schools and childcare centers are not required to pay for lead testing, however private schools will be financially responsible for remediation of taps that test above the action level of 5 parts-per-billions and are required to report remedial actions to the DEQ. It is estimated that there are 8,100 taps in private schools and childcare centers subject to testing, and that 11% of those taps may require remedial actions. The average cost for lead remediation is $281 (these estimates are formulated based on the State of Indiana's study (https://www.in.gov/ifa/files/Indiana-School-Lead-Sampling-Program_FinalReport_IFA2019.pdf), resulting in a total possible cost to all private schools and child care centers (small and non-small) in the state of $250,400 (which may be reimbursable through DEQ, subject to the availability of previously authorized Federal grants). This figure could be reduced if consumable taps have been tested for lead since January 1st, 2016.

E) Persons other than small businesses, non-small businesses, state, or local government entities ("person" means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an ***agency***)**:**

The proposed rule is anticipated to have no aggregate costs or savings to persons other than small businesses, non-small businesses, state government, or local governments. This rule will only require schools and childcare centers to take actions to test and remediate lead in drinking water, it will not require any actions from individuals. However, it will have huge impact on the health of children throughout Utah.

F) Compliance costs for affected persons (How much will it cost an impacted entity to adhere to this rule or its changes?)**:**

Enactment of this rule could have a fiscal impact for schools (who are required) and childcare centers (who have the option) to collect and submit a sample from each consumable tap in their facilities to a Certified Laboratory. It is estimated that each school will have on average 40 consumable taps which will need to be sampled, and 11% of them will require remedial actions. The average cost for lead remediation is $281, resulting in an estimated average of $1,235 per school. This may be reimbursable through DEQ, subject to the availability of previously authorized federal grants.

G) Comments by the department head on the fiscal impact this rule may have on businesses (Include the name and title of the department head):

6. A) Regulatory Impact Summary Table (This table only includes fiscal impacts that could be measured. If there are inestimable fiscal impacts, they will not be included in this table. Inestimable impacts will be included in narratives above.)

Regulatory Impact Table

Fiscal Cost	FY2022	FY2023	FY2024
State Government	$0	$2,552,600	$1,770,400
Local Governments	$0	$699,500	$699,500
Small Businesses	$0	$125,200	$125,200
Non-Small Businesses	$0	$0	$0
Other Persons	$0	$0	$0
Total Fiscal Cost	**$0**	**$0**	**$0**
Fiscal Benefits			
State Government	$0	$0	$0
Local Governments	$0	$0	$0
Small Businesses	$0	$0	$0
Non-Small Businesses	$0	$0	$0
Other Persons	$0	$0	$0
Total Fiscal Benefits	**$0**	**$0**	**$0**
Net Fiscal Benefits	**$0**	**$0**	**$0**

B) Department head approval of regulatory impact analysis:

The Director of the Division of Drinking Water, Tim Davis, has reviewed and approved this fiscal analysis.

Citation Information

7. Provide citations to the statutory authority for the rule. If there is also a federal requirement for the rule, provide a citation to that requirement:

Subsection 19-4-115(4)(c)		

Incorporations by Reference Information

(If this rule incorporates more than two items by reference, please include additional tables.)

8. A) This rule adds, updates, or removes the following title of materials incorporated by references (a copy of materials incorporated by reference must be submitted to the Office of Administrative Rules; *if none, leave blank*)**:**

	First Incorporation
Official Title of Materials Incorporated (from title page)	3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities
Publisher	EPA
Date Issued	October 2018
Issue, or version	

B) This rule adds, updates, or removes the following title of materials incorporated by references (a copy of materials incorporated by reference must be submitted to the Office of Administrative Rules; *if none, leave blank*)**:**

	Second Incorporation
Official Title of Materials Incorporated (from title page)	
Publisher	
Date Issued	
Issue, or version	

Public Notice Information

9. The public may submit written or oral comments to the agency identified in box 1. (The public may also request a hearing by submitting a written request to the agency. See Section 63G-3-302 and Rule R15-1 for more information.)		
A) Comments will be accepted until (mm/dd/yyyy)**:**		
B) A public hearing (optional) will be held:		
On (mm/dd/yyyy)**:**	**At** (hh:mm AM/PM)**:**	**At** (place)**:**

10. This rule change MAY become effective on (mm/dd/yyyy)**:**	
NOTE: The date above is the date the agency anticipates making the rule or its changes effective. It is NOT the effective date. To make this rule effective, the agency must submit a Notice of Effective Date to the Office of Administrative Rules on or before the date designated in Box 10.	

Agency Authorization Information

To the agency: Information requested on this form is required by Sections 63G-3-301, 302, 303, and 402. Incomplete forms will be returned to the agency for completion, possibly delaying publication in the *Utah State Bulletin* and delaying the first possible effective date.			
Agency head or designee, and title:		**Date** (mm/dd/yyyy)**:**	

R309. Environmental Quality, Drinking Water
R309-230. Lead in School Sampling and Remediation Requirements

R309-230-1. Purpose.

The purpose of this rule is to:

(1) Establish the procedure for schools and child care centers applying for a grant under Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 115, to establish the steps that must be taken and the time period that must be met to reduce the lead level to be below the action level; and

(2) Outline the steps the Division of Drinking Water will take to make the results public.

R309-230-2. Authority.

This rule was authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 115 of the Utah Code.

R309-230-3. Applicability.

This rule applies to each public and private school and child care center that conducts sampling under Section 19-4-115.

R309-230-4. Definitions.

Definitions for certain terms used in this rule are given in Rule R309-110 but may be further clarified herein.

(1) "Certified laboratory," "Child care center," "Consumable tap," and "School" are defined in Section 19-4-115;

(2) "Action level" means a lead concentration equal to five parts per billion; and

(3) "Third-party Certified" means a certifying body that is accredited by the American National Standards Institute (ANSI) National Accreditation Board (ANAB).

R-309-230-5. Sampling Requirements.

(1) Each public and private school shall, and child care center may, take a sample from each consumable tap for lead and have those samples evaluated by a certified laboratory by December 31, 2023. Sampling must comply with EPA's "3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities" which is incorporated by reference; and

(2) The results of samples shall be submitted by the certified laboratory to the school or child care center and to the Division of Drinking Water.

R309-230-6. Immediate Response.

If a sample exceeds five parts per billion of lead:

(1) A school or child care center shall prevent use of the consumable tap that exceeds fifteen parts per billion of lead within 24 hours after receiving the sample test result;

(2) A school or child care center may develop and implement a flushing plan for a consumable tap between five and fifteen parts per billion of lead until remediation and retesting is completed in accordance with Section R309-230-7; and

(3) A school or child care center may apply for reimbursement for costs associated with the purchase of bottled water with the Division of Drinking Water until a permanent control measure is implemented.

R309-230-7. Permanent Control Measures.

Following receipt of results that show a consumable tap has five or more parts per billion of lead, a school or child care center shall:

(1) Implement one of the following permanent control measures:

(a) Replacement of the consumable tap with a replacement faucet that has been third-party certified to NSF or ANSI standard 372 for lead-free compliance and NSF or ANSI standard 61 for material safety;

(b) Installation of a water treatment device at the tap. The water treatment device must be certified to capture lead according to NSF or ANSI standard 53 or NSF or ANSI standard 58.

Schools shall follow the manufacturer's instructions for installation, use, and maintenance. For each water treatment device installed, schools shall create a maintenance schedule that identifies a point of contact to oversee making sure they are properly installed and maintained; or

(c) Permanently shut off and remove the consumable tap.

(2) If control measures stated in Subsection(1)(a) or (1)(b) are completed, the school or child care center shall take a follow-up sample of the consumable tap and have those samples evaluated by a certified laboratory to demonstrate that lead is less than five parts per billion before access to the tap is resumed. Each sample taken must comply with requirements in Section R309-230-5;

(3) A school or child care center may apply for reimbursement for costs associated with permanent control measures for consumable taps with the Division of Drinking Water.

R309-230-8. Report to the Division of Drinking Water.

Schools and child care centers shall report to the Division of Drinking Water each permanent control measure taken under Section R309-230-7 no later than 30 days after they are implemented.

R309-230-9. Publication of Data.

Each sample result and remediation step will be made available on the Division of Drinking Water website 90 days after the Division receives them.

R309-230-10. Time Period to Take Steps to Reduce the Lead Level Below the Action Level and Report to the Division of Drinking Water.

For each consumable tap that exceeds five parts per billion:

(1) Schools and child care centers shall complete permanent control measures within 90 days of receiving results unless an alternative schedule is approved by the Division of Drinking Water;

(2) Schools and child care centers shall resample within 30 days of completing permanent control measures under Subsection R309-230-7(1);

(3) If a sample taken as required in Subsection R309-230-7(2) is greater than five parts per billion, the school or child care center shall implement additional permanent control measures as required in Subsection R309-230-7 until either the consumable tap is permanently removed or post mitigation results are below five parts per billion; and

(4) Schools and child care centers shall report to the Division of Drinking Water resample results as well as permanent control measures taken within 30 days after taking steps under Subsection R309-230-7(1).

Agenda Item 7

DRINKING WATER BOARD PACKET
Rural Water Association Report

Table of Contents

Terry Smith – Compliance Specialist.....2

Janell Braithwaite – Management Technician.....5

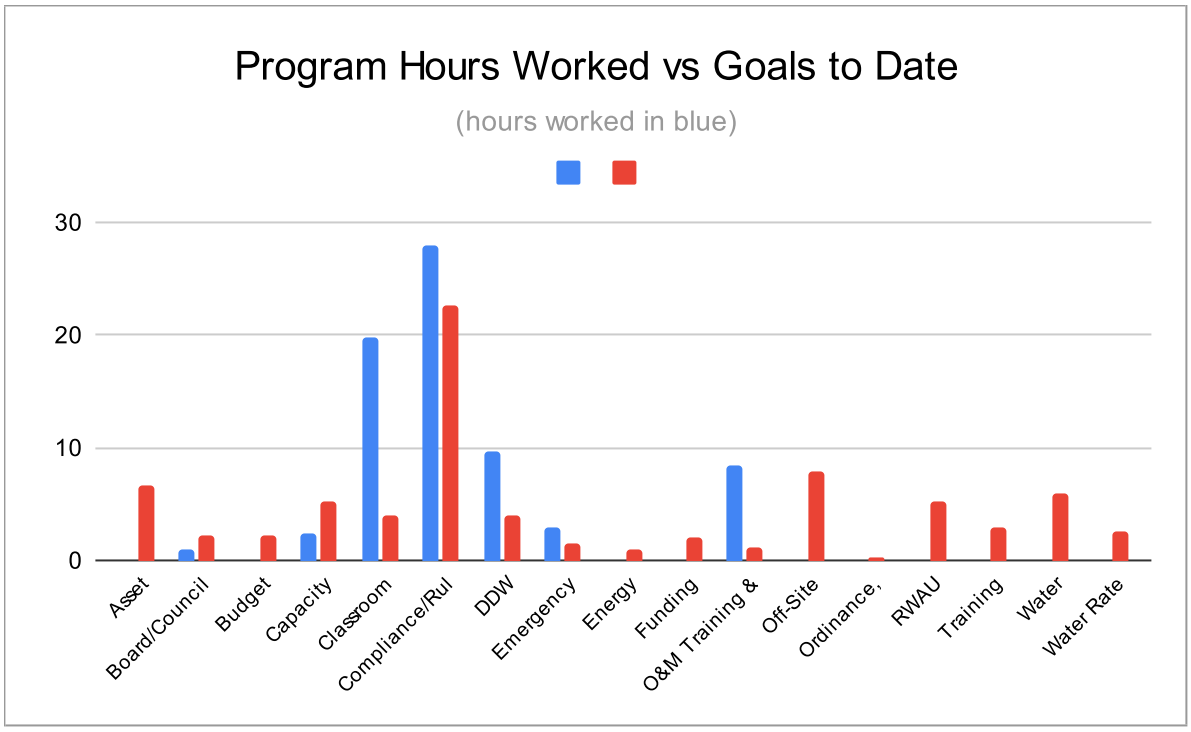
Curt Ludvigson – Management Technician.....10

Rural Water Association - DWB Report

Report Period: July, 2022

Terry Smith - Compliance Specialist

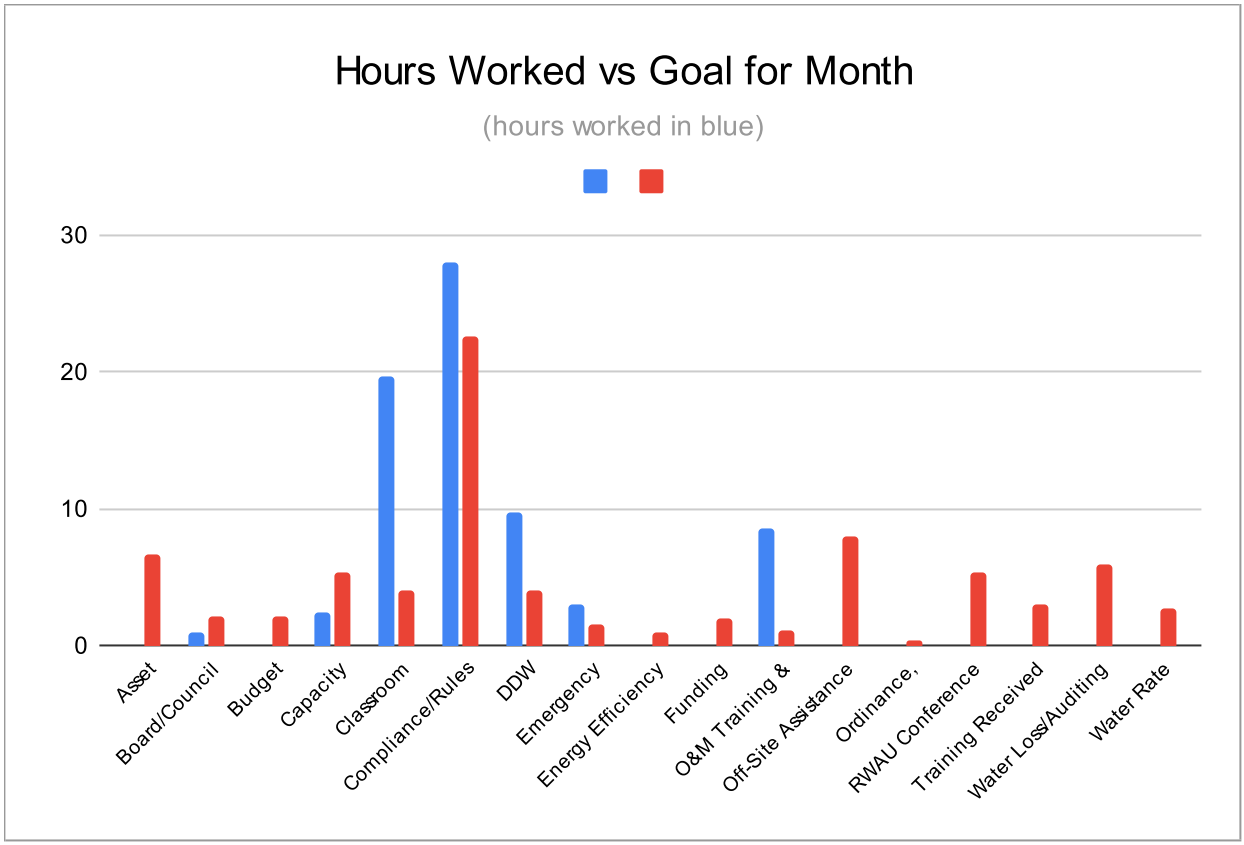
Contract Goal Titles	YTD Goal Hours Achieved	YTD Goal Hours	Annual Program Goals
Asset Management/Evaluation	0.0	6.7	80.0
Board/Council Training	1.0	2.2	26.0
Budget Planning/Evaluation	0.0	2.2	26.0
Capacity Development/Master Planning	2.5	5.3	64.0
Classroom Instruction/Training	19.8	4.0	48.0
Compliance/Rules Assistance	28.0	22.7	272.0
DDW Interaction/Meetings/Reports	9.8	4.0	48.0
Emergency Response	3.0	1.5	18.0
Energy Efficiency Study	0.0	1.0	12.0
Funding Procurement	0.0	2.0	24.0
O&M Training & Assistance	8.5	1.2	14.0
Off-Site Assistance	0.0	8.0	96.0
Ordinance, Resolutions, By-Laws Development	0.0	0.3	4.0
RWAU Conference	0.0	5.3	64.0
Training Received	0.0	3.0	36.0
Water Loss/Auditing	0.0	6.0	72.0
Water Rate Development/Analysis	0.0	2.7	32.0
Totals:	**73**	**78**	**936**



Report Period: July, 2022

Notable Assistance & Work Performed

System	Description:
WILSON ARCH (19069)	Working on capacity spreadsheet
RIO MESA CENTER (10041)	Advising Hau as to TCR violation response & mitigation
ECHO MUTUAL WATER CO	Echo Mutual emergency response
ST GEORGE CITY	Proctoring exams
BRYCE WOODLAND EST	Helping Erich with CC rule and reporting
FOUNTAIN GREEN CITY	Advised Roger on CC Admin. Sent email containing report link, etc.
MOUNTAIN VIEW SSD	Discussion with Paula on Cross Connection program/policy
	Presenting in drought response class
JORDANELLE SSD	Responding to CC CEU training request
SPRING CREEK WTR USERS	Advising Jeremy with sampling site plans
ENOCH CITY	Proctoring exam - David Shinost
PARAGONAH TOWN	Assisting Robert with CC ordinance
PALISADES WC (20063)	Helping JD with chlorine dosing - sodium hypochlorite
ESCALANTE VLY HOUSING	Assisting Pat with 2020 CCR violation
NEPHI CITY WATER	Advised Justin - lead/copper sampling and notification



Rural Water Association of Utah

Water System Assistance Report

Report Month: July
Contract
Employee: Terry Smith

Total Work Hours:	140.25
Hours Assisting Specific Systems:	39.00
System assistance percentage of total working hours:	**27.81%**

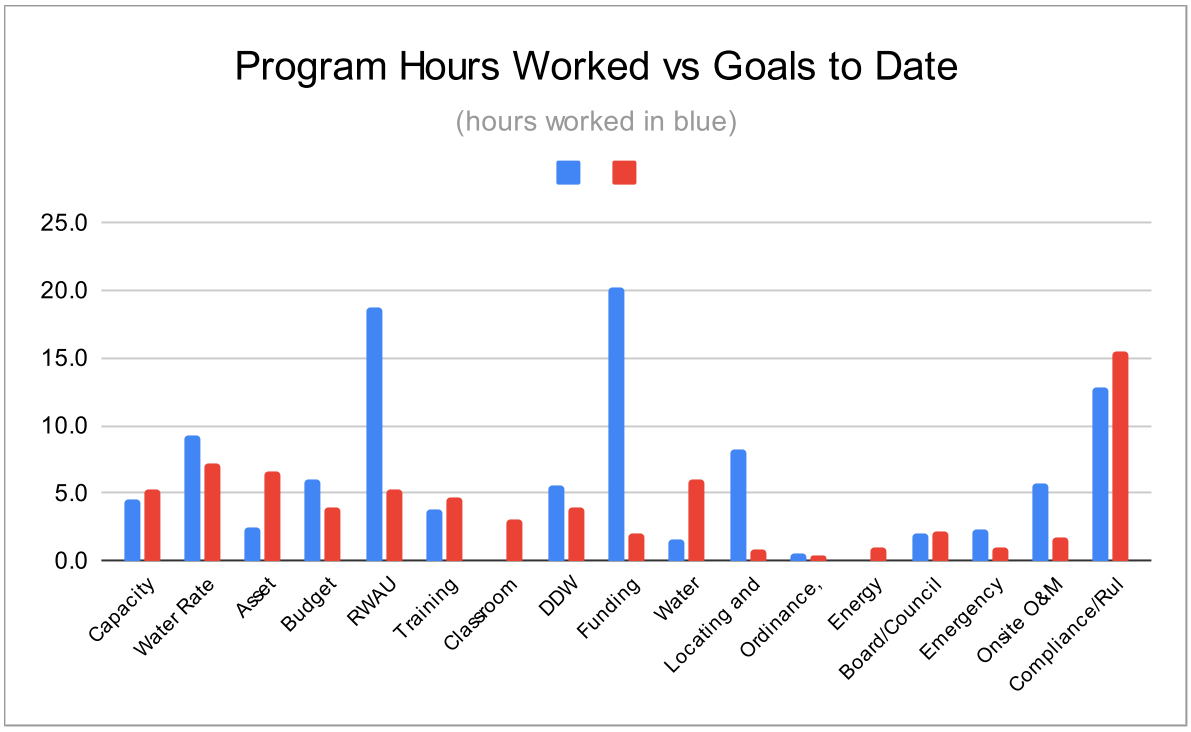
Date:	Description:	Water System:	Task Hours:
7/1/2021	Working on capacity spreadsheet	WILSON ARCH (19069)	1.00
7/1/2021	Proctor/exam preparation	FREDONIA	0.50
7/1/2021	Proctoring exams	FREDONIA	3.00
7/2/2021	Assisting Trevor via online session complete 2020 CCR	HINCKLEY TOWN	1.00
7/6/2021	Email to Mark - non-potable/potable connection protection	LEEDS DOMESTIC WATER	0.75
7/7/2021	Advising Hau as to TCR violation response & mitigation	RIO MESA CENTER (10041)	1.00
7/7/2021	Working on usage analysis & capacity	WILSON ARCH (19069)	3.00
7/8/2021	Echo Mutual emergency response	ECHO MUTUAL WATER CO	1.00
7/8/2021	Discussion with Jake concerning Echo Mutual	ECHO MUTUAL WATER CO	0.50
7/8/2021	Working on capacity evaluation	WILSON ARCH (19069)	1.00
7/8/2021	Online meeting with Eric - capacity evaluation	WILSON ARCH (19069)	1.00
7/12/2021	Replying to Hau's disinfection plan and advising on future sampling	RIO MESA CENTER (10041)	0.25
7/12/2021	Helping Chase with motor HP calculation	SPANISH FORK CITY	0.50
7/13/2021	Proctor preparation	ST GEORGE CITY	0.50
7/13/2021	Proctoring exams	ST GEORGE CITY	3.75
7/14/2021	Helping Erich with CC rule and reporting	BRYCE WOODLAND EST	0.50
7/14/2021	Advised Roger on CC Admin. Sent email containing report link, etc.	FOUNTAIN GREEN CITY	1.00
7/14/2021	Discussion with Paula on Cross Connection program/policy	MOUNTAIN VIEW SSD	0.50
7/15/2021	Helping Mark with cross-connection policy	LEEDS DOMESTIC WATER	0.50
7/16/2021	Responding to CC CEU training request	JORDANELLE SSD	0.50
7/16/2021	Advising Jeremy with sampling site plans	SPRING CREEK WTR USERS	0.25
7/20/2021	Cross Connection presentation for Leeds	LEEDS DOMESTIC WATER	2.50
7/20/2021	Working on CC handout for Board meeting	LEEDS DOMESTIC WATER	2.00
7/21/2021	Instructing water board on cross-connections rules & program	LEEDS DOMESTIC WATER	1.00
7/21/2021	Setting up to proctor exam on next Monday	CENTRAL IRON COUNTY WCD (1108	0.50
7/21/2021	Preparing handouts for board meeting this evening	LEEDS DOMESTIC WATER	2.00
7/26/2021	Proctoring exam - David Shinost	ENOCH CITY	3.25
7/26/2021	Assisting Robert with CC ordinance	PARAGONAH TOWN	1.00
7/26/2021	Helping JD with chlorine dosing - sodium hypochlorite	PALISADES WC (20063)	0.50
7/27/2021	Assisting Pat with 2020 CCR violation	ESCALANTE VLY HOUSING	1.00
7/27/2021	Advising Mark - customer potentially creating a cross-conn.	LEEDS DOMESTIC WATER	0.25
7/28/2021	Working on onsite meeting details	CAMP WAPITI (23035)	1.00
7/28/2021	Working with staff/assignments regarding Echo Mutual	ECHO MUTUAL WATER CO	1.00
7/28/2021	Roger called about needing a water capacity study	FOUNTAIN GREEN CITY	0.50
7/29/2021	Advised Justin - lead/copper sampling and notification	NEPHI CITY WATER	0.50

Rural Water Association - DWB Report

Report Period: July, 2022

Janell Braithwaite - Management Technician

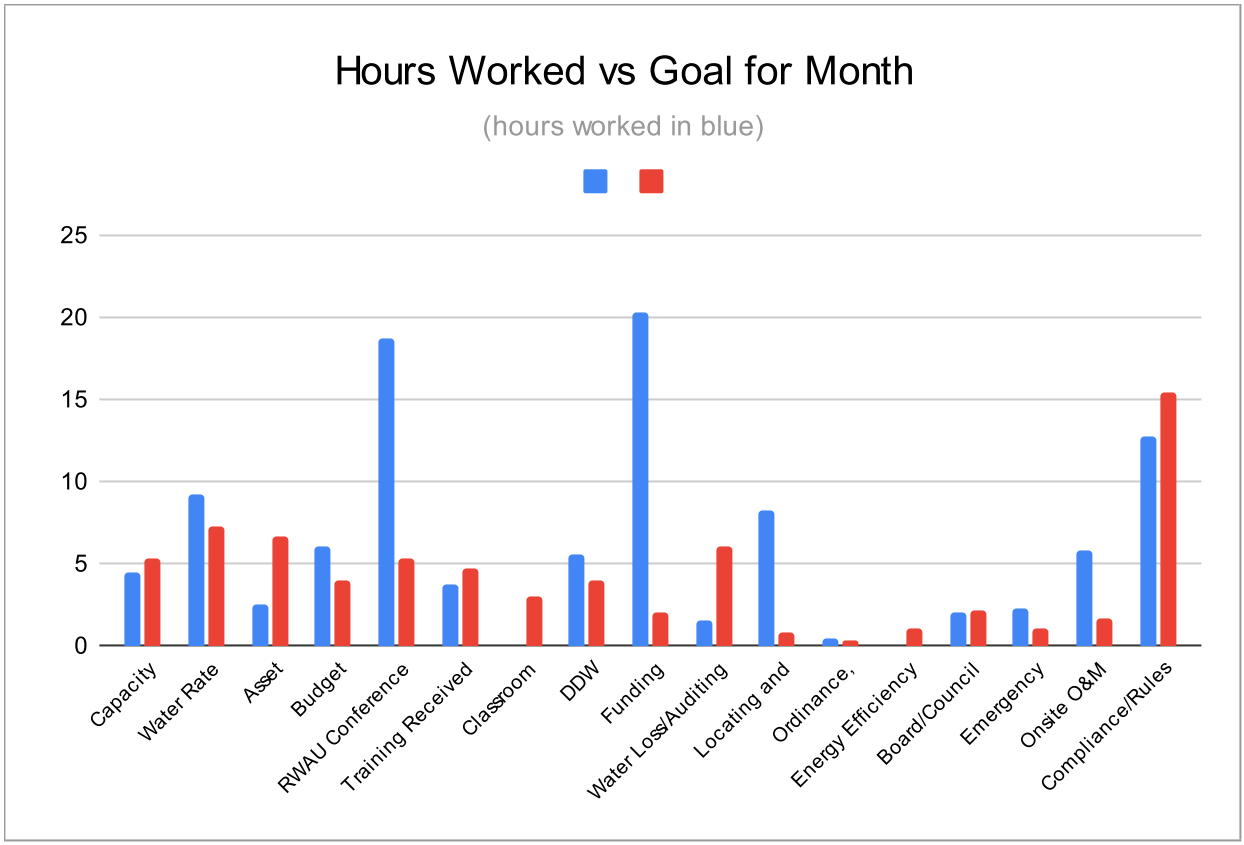
Contract Goal Titles	YTD Goal Hours Achieved	YTD Goal Hours	Annual Program Goals
Capacity Development/Master Planning	5.3	4.5	64.0
Water Rate Development & Fee Analysis	7.3	9.3	87.0
Asset Management/Evaluation	6.7	2.5	80.0
Budget Planning/Evaluation	4.0	6.0	48.0
RWAU Conference	5.3	18.8	64.0
Training Received	4.7	3.8	56.0
Classroom Instruction/Training	3.0	0.0	36.0
DDW Interaction/Meetings/Reports	4.0	5.5	48.0
Funding Procurement	2.0	20.3	24.0
Water Loss/Auditing	6.0	1.5	72.0
Locating and Securing Engineering	0.8	8.2	10.0
Ordinance, Resolution, By-Law Development	0.3	0.5	4.0
Energy Efficiency Study	1.0	0.0	12.0
Board/Council Training	2.2	2.0	26.0
Emergency Response	1.0	2.3	12.0
Onsite O&M Training	1.7	5.8	20.0
Compliance/Rules Assistance, CCC, Water Monitor	15.4	12.8	185.0
Totals:	**71**	**104**	**848**



Report Period: July, 2022

Notable Assistance & Work Performed

System	Description:
SOUTH DUCHESNE CUL WTR	Met w/water op, Josh, Renee, Norm re:op cert,rates,chlorine reports
BALLARD W/S DISTRICT	Meet w/Anissa re: water rates, income survey, budget, asset mgmt
HANNA WTR/SWR DIST	Meet w/Wendi re: new op, SCADA installed, reporting, compliance
FRANCIS TOWN WATER	Meet w/Suzanne re:growth and projects
CENTERFIELD TOWN	Contacted by Mayor Leatherwood re: water use, asset mgmt.
STOCKTON TOWN	Contact Mayor Meli, Terry, and Ryan D. re: emergency notification
GREEN HILLS WTR/SWR DIST	Call from Jean B, updated RFP, contacted engineers
STOCKTON TOWN	Call from Mayor Meli and Ted M (engineer) re: compromised system
STOCKTON TOWN	Work with City Recorder, Mayor and engineer re:emergency funding
STOCKTON TOWN	Public meeting re: water rates, funding and emergency
MAYFIELD TOWN	Proctor Garrick Willden for CCC Admin exam
ALLARD RANCH WC (11067)	Contacted by Berta re: info for water rate study
FAYETTE TOWN	Discuss water op cert compliance and system w/Jay
HURRICANE CITY	Meet w/Ken and Angie re: Quail Lake Estates and water op cert
KANARRAVILLE TOWN	Meet w/David, Heidi, CPA Joe, and Council re: rates, budget, project



Rural Water Association of Utah

Water System Assistance Report

Report Month: July

Contract Employee: Janell Braithwaite

Total Working Hours:	111.25
Hours Assisting Specific Systems:	75.75
System assistance percentage of total working hours:	**68.09%**

Date:	Description:	Water System:	Task Hours:
7/1/2022	Work with Heidi on budget update	KANARRAVILLE TOWN	0.50
7/1/2022	Work with Darrell re: notification to residents project/rate increase	HURRICANE CITY	0.75
7/1/2022	Work on amended income survey letter for Ballard	BALLARD W/S DISTRICT	0.75
7/5/2022	Contacted by Leigh Ann, City Recorder, re: rates, budget, resolution	EPHRAIM CITY	0.50
7/5/2022	Info received from Kim at Kamas for water rate study, worked on	KAMAS CITY	1.25
7/5/2022	Contacted Nathan Hall, DDW re: So. Duchesne	SOUTH DUCHESNE CUL WTR	0.25
7/5/2022	Contact Nathan L., Paul W, Michael G. re: Quail Lake Estates HOA	HURRICANE CITY	0.25
7/5/2022	Contact Wendi re: visit tomorrow, projects and compliance	HANNA WTR/SWR DIST	0.50
7/5/2022	Review customer notice for funding, rate increase and project	HURRICANE CITY	0.50
7/5/2022	Contacted by Jean Brills re: engineering RFP edits	GREEN HILLS WTR/SWR DIST	0.50
7/5/2022	Contacted by Tresa to set up meeting to review wrs	HINCKLEY TOWN	0.25
7/5/2022	Work on water rate study	KAMAS CITY	1.25
7/6/2022	Met w/water op, Josh, Renee, Norm re:op cert,rates,chlorine reports	SOUTH DUCHESNE CUL WTR	1.50
7/6/2022	Meet w/Anissa re: water rates, income survey, budget, asset mgmt	BALLARD W/S DISTRICT	1.00
7/6/2022	Meet w/Wendi re: new op, SCADA installed, reporting, compliance	HANNA WTR/SWR DIST	1.00
7/6/2022	Meet w/Suzanne re:growth and projects	FRANCIS TOWN WATER	0.50
7/7/2022	Get info together and send to Renee re: LCN report, etc.	SOUTH DUCHESNE CUL WTR	0.50
7/7/2022	Contacted by Nathan H. re: main line break, contact Mike D.	SOUTH DUCHESNE CUL WTR	0.25
7/7/2022	Contact Mike Davis re: equipment needed, contact known company	SOUTH DUCHESNE CUL WTR	0.50
7/8/2022	Contacted by David re: budget questions	KANARRAVILLE TOWN	0.25
7/8/2022	Reviewed more emergency info from DDW	SOUTH DUCHESNE CUL WTR	0.25
7/8/2022	Review budget planning for possible new bond pmt.	SOUTH DUCHESNE CUL WTR	1.00
7/8/2022	Contacted by Mayor Leatherwood re: water use, asset mgmt.	CENTERFIELD TOWN	1.50

7/8/2022	Call Ron back re: Santa Clara reuse water funding info, info sent	SANTA CLARA CITY	0.50
7/8/2022	Update Stockton income survey data w/more surveys received	STOCKTON TOWN	0.25
7/10/2022	Contact Mayor Meli, Terry, and Ryan D. re: emergency notification	STOCKTON TOWN	0.25
7/11/2022	Phone call from Dan re: CCC Admin class questions	VIRGIN TOWN	0.25
7/11/2022	Contact Gary Rager re: CCC Admin testing for Dan, contact Dan	VIRGIN TOWN	0.25
7/12/2022	Call from Jean B, updated RFP, contacted engineers	GREEN HILLS WTR/SWR DIST	3.50
7/12/2022	Finished up on engineering info for Jean B and sent to her	GREEN HILLS WTR/SWR DIST	2.00
7/12/2022	Contacted Curt re: Green Hills system and project	GREEN HILLS WTR/SWR DIST	0.50
7/12/2022	Call from Mayor Meli and Ted M (engineer) re: compromised system	STOCKTON TOWN	0.25
7/12/2022	Edited income survey letter and sent to Anissa	BALLARD W/S DISTRICT	0.25
7/13/2022	Work on Kamas water rate study	KAMAS CITY	0.75
7/13/2022	Call from Mayor Meli, would like help with emergency funding	STOCKTON TOWN	0.25
7/13/2022	Call from Jean B. with questions on RFP	GREEN HILLS WTR/SWR DIST	0.25
7/13/2022	Call from Mayor Meli re: emergency water situation	STOCKTON TOWN	0.25
7/13/2022	Work on information for Green Hills RFP	GREEN HILLS WTR/SWR DIST	0.50
7/13/2022	Call Stockton Town Hall to get info for income survey	STOCKTON TOWN	0.25
7/13/2022	Call from Mike Davis re: Stockton funding and emergency help	STOCKTON TOWN	0.25
7/13/2022	Contact Darrell re: Quail Lake Estates Board meeting	HURRICANE CITY	0.25
7/13/2022	Update on Stockton's situatiion and income survey	STOCKTON TOWN	1.00
7/13/2022	Contacted by Jean B. w/more RFP questions	GREEN HILLS WTR/SWR DIST	0.50
7/14/2022	Work with City Recorder, Mayor and engineer re:emergency funding	STOCKTON TOWN	7.00
7/14/2022	Calls from Mayor Meli and Gary Hunter re: emergency funding	STOCKTON TOWN	0.25
7/14/2022	Public meeting re: water rates, funding and emergency	STOCKTON TOWN	2.00
7/15/2022	Work on income survey. meet w/Mayor Meli	STOCKTON TOWN	3.00
7/18/2022	Schedule Garrick Willden to proctor for CCC Admin	MAYFIELD TOWN	0.25
7/18/2022	Work on Stockton income survey-new active accounts updated	STOCKTON TOWN	1.25
7/18/2022	Contacted by Gary at Stockton re: information for customers	STOCKTON TOWN	0.25
7/18/2022	Call Curt to discuss Ballard, funding	BALLARD W/S DISTRICT	0.25
7/18/2022	Work on fine tuning RFP for engineering for Jean B.	GREEN HILLS WTR/SWR DIST	0.50
7/21/2022	Call from David and Heidi re: rates and budget, set mtg. for 7/28/22	KANARRAVILLE TOWN	0.50
7/21/2022	Call from Curt re: income survey	WANSHIP MUTUAL WATER CO	0.25
7/21/2022	Call from David and Heidi re: rates and budget, set mtg. for 7/28/22	KANARRAVILLE TOWN	0.50
7/21/2022	Contacted by Angie re: certifications and compliance	HURRICANE CITY	0.50

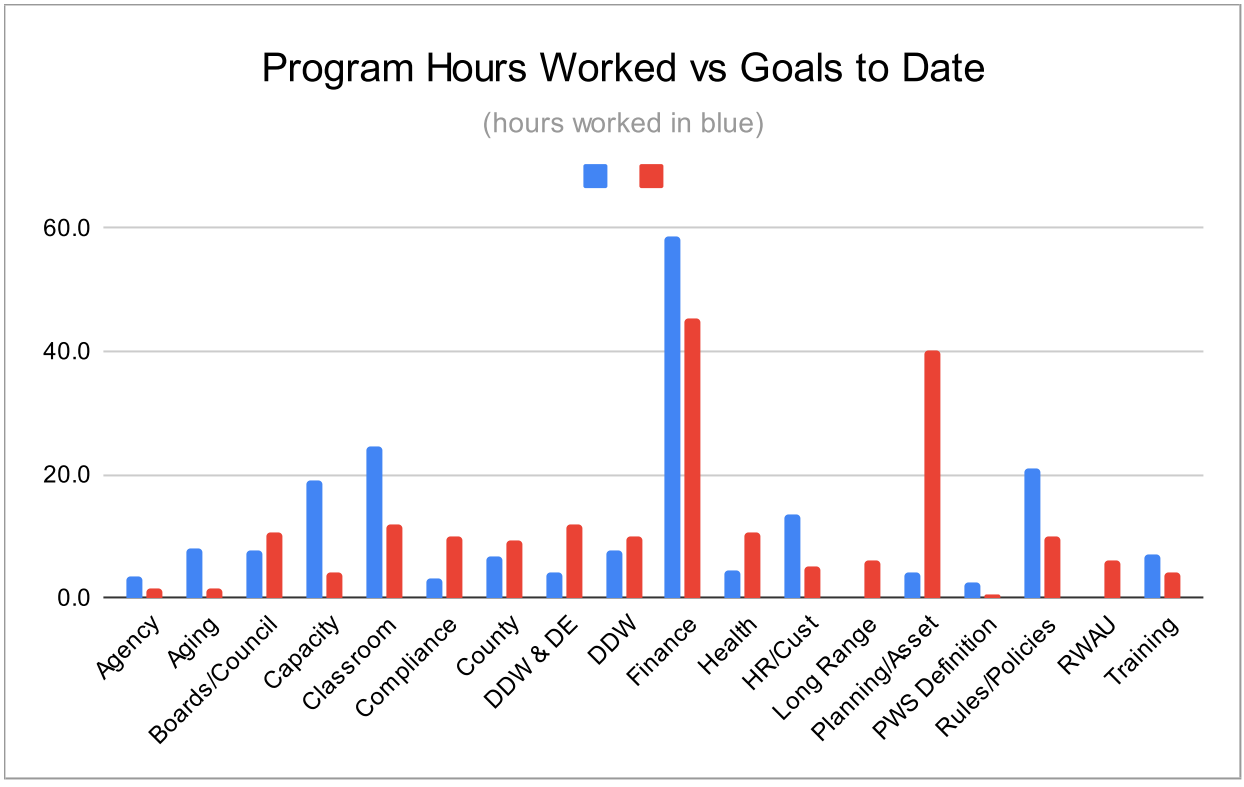
7/21/2022	Contacted by Anissa re:Ballard income survey and schedule mtg	BALLARD W/S DISTRICT	0.50
7/21/2022	Contacted by Angie again re: water op cert questions	HURRICANE CITY	0.50
7/21/2022	Call from Kristi Bell re: question on drought rates for Uintah-review	UINTAH CITY	1.00
7/21/2022	Review Uintah rate study for any errors in calculations	UINTAH CITY	1.75
7/22/2022	Proctor Garrick Willden for CCC Admin exam	MAYFIELD TOWN	3.25
7/22/2022	Review water projects and funding available w/City Recorder	CENTERFIELD TOWN	1.00
7/22/2022	Contacted by Berta re: info for water rate study	ALLARD RANCH WC (11067)	1.50
7/22/2022	Work on improving Holden water rate study, rates, budget payment	HOLDEN TOWN	1.50
7/26/2022	Prepare for Kanarraville council meeting, update wrs and budget	KANARRAVILLE TOWN	1.75
7/26/2022	Contact Angie in Hurricane for op cert info and water rights cert	HURRICANE CITY	0.50
7/26/2022	Review final RFP for suggestions following Jean's editing, contact Jean	GREEN HILLS WTR/SWR DIST	0.50
7/26/2022	Contacted by Gary re: income survey	STOCKTON TOWN	0.50
7/26/2022	Contacted by Mike D. re:mixer problem, contact Wendi, group call	HANNA WTR/SWR DIST	2.00
7/26/2022	Discuss water op cert compliance and system w/Jay	FAYETTE TOWN	0.50
7/27/2022	Update Stockton income survey and contact Gary at Stockton	STOCKTON TOWN	0.50
7/27/2022	Work on getting more info for water rate survey	ALLARD RANCH WC (11067)	0.50
7/27/2022	Work on emergency funding, contact DDW and engineer	SOUTH DUCHESNE CUL WTR	1.00
7/27/2022	Contact Jeff, Jones & DeMille Eng. for more info on project	SOUTH DUCHESNE CUL WTR	0.75
7/27/2022	Phone call w/Curt re: prepare for Kanarraville mtg. tomorrow	KANARRAVILLE TOWN	2.75
7/28/2022	Meet w/Ken and Angie re: Quail Lake Estates and water op cert	HURRICANE CITY	0.75
7/28/2022	Discuss budget and rates w/Darrell at Quail Lake Estates	HURRICANE CITY	0.50
7/28/2022	Meet w/David, Heidi, CPA Joe, and Council re: rates, budget, project	KANARRAVILLE TOWN	4.00
7/29/2022	Contact Renee re: emergency water line breaks	SOUTH DUCHESNE CUL WTR	0.50
7/29/2022	Work on water rate study	SOUTH DUCHESNE CUL WTR	1.00
7/29/2022	Work on updating budget/rates sheet, water loss	KANARRAVILLE TOWN	1.00
7/29/2022	Phone call w/Michael Grange re: DWB vote for emergency funding	SOUTH DUCHESNE CUL WTR	0.25
7/29/2022	Contact Jeff at Jones & DeMille re: emergency funding	SOUTH DUCHESNE CUL WTR	0.25
7/29/2022	Contacted by Gary w/questions on income survey	STOCKTON TOWN	0.75
7/29/2022	Contact Mike Davis re: emergency funding for So. Duchesne	SOUTH DUCHESNE CUL WTR	0.25

Rural Water Association - DWB Report

Report Period: July, 2022

Curt Ludvigson - Development Specialist

Contract Goal Titles	YTD Goal Hours Achieved	YTD Goal Hours	Annual Program Goals
Agency Meetings	3	2	10
Aging Infrastructure Planning	8	2	10
Boards/Councils	8	11	64
Capacity Development Planning	19	4	24
Classroom Training	24	12	72
Compliance (Capacity Development)	3	10	60
County Plannners	7	9	56
DDW & DE	4	12	71
DDW Interaction/Meetings	8	10	60
Finance (Capacity Development)	59	45	272
Health Departments	4	11	64
HR/Cust Service (Capacity Development)	14	5	30
Long Range Planning	0	6	36
Planning/Assets (Capacity Development)	4	40	240
PWS Definition Training	3	1	4
Rules/Policies (Capacity Development)	21	10	60
RWAU Conferences	0	6	36
Training Received	7	4	24
Totals:	**195**	**199**	**1,193**



Report Period: July, 2022

Notable Assistance & Work Performed

System	Description:
WOODLAND HILLS CITY	I met with the Public Works Director, one Councilmember and the City F
SALEM CITY	I met with the City recorder and reviewed their rates and I will get inform
MAPLETON CITY	I met with the City Recorder and she wanted me to do a review of a cou
SUMMIT CO SERV AREA #3	I met with the Manager of Summit County Service Area #3 and discuss
BLUFFDALE CITY	I met with the City manager in Bluffdale and discussed growth issues ar
FAIRVIEW CITY	I met with the City Manager and Public Works Director and discussed th
EPHRAIM CITY	I met with the Ephraim City Manager and discussed the high rate of gr
ANNABELLA	I met with the Town Clerk and discussed their budget and rates. We dis
FAIRVIEW CITY	I had received a phone call from Fairview City concerning a developer v
JUNCTION TOWN	I met with the Mayor and Clerk and discussed Aging Infrastructure in th
CIRCLEVILLE WTR SYSTEM	I met with the Mayor and two Councilmembers and discussed the progr
BIG WATER MUNICIPAL	I met with the Mayor and went over their Personnel Policy I had written
KANAB CITY	Met with the Kanab City Manager and discussed future projects they ar
ORDERVILLE TOWN	I met with the Town Clerk and discussed the possibility of projects they
KANARRAVILLE TOWN	Meeting with Kanarraville officials. First I met with the Clerical personn

Rural Water Association of Utah

Water System Assistance Report

Report Month: July

Contract Employee: **Curt Ludvigson**

		Direct System Assistance Percentage:	**51%**
7/1/2022	Working on Personnel Policies for Johnson Water	JOHNSON WATER DIST	4.00
7/5/2022	I met with the Public Works Director, one Councilmember and the City Recorder, going over their budget and evaluating their rates. They want to make sure they are getting enough revenue.	WOODLAND HILLS CITY	3.50
7/5/2022	I met with the City recorder and reviewed their rates and I will get information in order to study things with their budget further	SALEM CITY	1.50
7/5/2022	I met with the City Recorder and she wanted me to do a review of a couple Ordinances and make recommendations for updating them.	MAPLETON CITY	1.25
7/6/2022	I met with the Wasatch County Health Dept and discussed ongoing need for Ordinance upgrades in dealing with the growth	Wasatch Health Dept.	2.00
7/6/2022	I met with the Summit County Health Dept and discussed their need for Ordinance updating, as with Wasatch County	Summit County Health Dept	2.50
7/6/2022	I met with the Manager of Summit County Service Area #3 and discussed water conservation issues, suggesting adopting a higher tier water rate for larger users. I will help them put that together	SUMMIT CO SERV AREA #3	1.50
7/7/2022	I met with the City manager in Bluffdale and discussed growth issues and the need they have for Policies to address some various issues	BLUFFDALE CITY	2.00
7/7/2022	I met with Rural Development and discussed some of the systems who are looking at getting funding and also discussed the class we'll be doing at the Fall Conference	USDA RURAL DEVELOPMENT	1.50
7/7/2022	Working on a more Conservation Rate necessary for Summit County Service Area #3	SUMMIT CO SERV AREA #3	2.75
7/7/2022	Attended Mapleton's Council Meeting and discussed their Ordinances and got their approval to work on some updating and suggestions	MAPLETON CITY	2.00
7/8/2022	I met with the City Manager and Public Works Director and discussed the progress being made, or not being made on the project they have been working toward for a long time now.	FAIRVIEW CITY	2.50
7/8/2022	I met with the Ephraim City Manager and discussed the high rate of growth they are experiencing and the issues of water lacking. We discussed the idea of trying to get the City Council to slow down the approvals of growth and ways to do that.	EPHRAIM CITY	2.25
7/13/2022	Meeting with the District Engineer discussing various developoments that are going on in the District	District Engineers	2.00
7/13/2022	I met with the Town Clerk and discussed their budget and rates. We discussed potential funding for a project they are contimplating	ANNABELLA	1.75
7/13/2022	I had received a phone call from Fairview City concerning a developer who is planning on developing property in the cities spring areas. I spent time making phone calls, etc concerning their source protection, County Ordinances, etc	FAIRVIEW CITY	3.00
7/13/2022	Sanpete County Planning Commission Meeting	Sanpete County Planning Comm.	2.50
7/14/2022	Working on a Water Conservation Water Rate for Henrieville town	HENRIEVILLE TOWN	4.00

7/18/2022	Water Rate Study for Wales	WALES TOWN	3.00
7/19/2022	Drafting a Personnel Policy for Big Water	BIG WATER MUNICIPAL	4.00
7/20/2022	I met with the Mayor and Clerk and discussed Aging Infrastructure in their system and possible ways to address concerns they have in getting a project going	JUNCTION TOWN	1.75
7/20/2022	I met with the Mayor and two Councilmembers and discussed the progress on the project and also discussed some Long Range Planning needs because of talk of a development that is coming to town	CIRCLEVILLE WTR SYSTEM	1.50
7/20/2022	I met with the Town Clerk and went over their budget and rates and I made some recommendations on some of their overage charges and tiers.	HATCH TOWN	1.50
7/21/2022	I met with the Mayor and went over their Personnel Policy I had written for them and discussed various issues they are having with some of the staff. We also discussed upcoming training and conferences	BIG WATER MUNICIPAL	3.25
7/22/2022	Met with the Kanab City Manager and discussed future projects they are looking at and also the funding options	KANAB CITY	1.50
7/22/2022	I met with the Town Clerk and discussed the possibility of projects they need with regard to their Aging Infrastructure	ORDERVILLE TOWN	1.50
7/22/2022	I met with the Mayor and discussed their system and the Aging of their Distribution System. I suggested we have a meeting with the Council and consider doing a project.	GLENDALE TOWN CORP	1.50
7/26/2022	Writing a Shared Well Agreement for Sanpete County	Sanpete County Planning Comm.	4.00
7/26/2022	Continued writing the Shared Well Agreement for Sanpete County	Sanpete County Planning Comm.	4.00
7/28/2022	Meeting with Kanarraville officials. First I met with the Clerical personnel discussing their rates and how to convience the Council to not revert back to older rates, then at 6, the Council joined us and we discussed their rates, budget, future projects, etc. in order to get them to keep the rates where they rather than rolling them back. I think we succeeded.	KANARRAVILLE TOWN	4.50
7/29/2022	I was able to catch up with Tracy Feltner, Old Irontown's Operator, and discussed the issues they are having. He gave me the name and number of the Board President and also their engineer and I will follow up with them.	Old IronTown	1.25
7/29/2022	I met with Jayne, the Town Clerk, and went over the Master Plan that Sunrise Engineering had done for them. We talked about the frustrations they have had with their engineer, but I think I have communicated that to Sunrise enough that they are actually getting some things going for Paragonah.	PARAGONAH TOWN	1.75

Agenda Item 8(A)

Processed Enforcement Actions

Created On: 08/17/2022

Administrative Order Systems

PWS ID	PWS Name	PWS Type	Pop Served	Action	IPS Pts	Rating	Rating Date
UTAH11043	OLD MEADOWS WATER CO	C	48	AO	125	Not Approved	04/18/2017

Corrective Action Systems

PWS ID	PWS Name	PWS Type	Pop Served	Action	IPS Pts	Rating	Rating Date
UTAH08043	TRAIL CYN RESIDENTS ASSN	C	42	BCA	95	Corrective Action	09/02/2020
UTAH07067	SOUTH DUCHESNE CULINARY WATER	C	525	BCA	55	Corrective Action	05/25/2022
UTAH27093	BIG PLAINS SW SSD - CANAAN RANCH	C	56	BCA	245	Corrective Action	08/26/2020
UTAH26033	DEER CREEK PARK	NC	150	BCA	260	Corrective Action	07/08/2020
UTAH26059	WASATCH MOBILE HOME PARK	C	31	BCA	275	Corrective Action	10/16/2020
UTAH18104	MOUNTAIN DELL CAFE AND GOLF COURSE	NC	300	BCA	55	Corrective Action	10/14/2020
UTAH18080	EMIGRATION BREWING COMPANY	NC	86	BCA	190	Corrective Action	05/10/2022
UTAH02010	EAST GROUSE CREEK PIPELINE CO	C	70	BCA	100	Corrective Action	09/09/2020
UTAH11099	FOOTHILL WATER USERS ASSOCIATION	C	28	BCA	535	Corrective Action	08/08/2022
UTAH25184	BATEMANS MOSIDA FARMS	C	90	BCA	690	Corrective Action	04/24/2020
UTAH29046	VALLEY VIEW STAKE CAMP	NC	300	BCA	0	Corrective Action	07/20/2022
UTAH13001	ALTON TOWN WATER SYSTEM	C	136	BCA	70	Corrective Action	06/24/2021

Non-Approved Systems

PWS ID	PWS Name	PWS Type	Pop Served	Action	IPS Pts	Rating	Rating Date
UTAH11043	OLD MEADOWS WATER CO	C	48	AO	125	Not Approved	04/18/2017
UTAH25077	RIVERBEND GROVE INC	NC	25	BCA	650	Not Approved	02/10/2021
UTAH02078	M & J TRAILER HOME COMMUNITY	C	27	BCA	620	Not Approved	08/20/2018

UTAH15018	SOUTH ROBINSON SPRINGS WATER USERS	C	28	NAO	110	Not Approved	09/09/2019
UTAH29131	THE RUBY	C	160	NAO	310	Not Approved	05/19/2022
UTAH24051	DESERT SAGE HOA	C	55	NAO	1110	Not Approved	01/12/2022
UTAH25077	RIVERBEND GROVE INC	NC	25	NAO	650	Not Approved	02/10/2021

Agenda Item 9(A)

State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF DRINKING WATER
Tim Davis
Director

Drinking Water Board
Kristi Bell, Chair
Eric Franson, P.E., Vice-Chair
Dawn Ramsey
Jeff Coombs
David O. Pitcher
Blake Tullis, Ph.D.
Kimberly D. Shelley
Tim Davis
Executive Secretary

DATE:

FROM: Drinking Water Board (DWB, Board)

SUBJECT: DWB Policy for Drinking Water State Revolving Fund Financial Assistance Requests for Lead Service Lines and Emerging Contaminants

EFFECTIVE DATE:

ADOPTED DATE:

Drinking Water Board Policy for Drinking Water State Revolving Fund Financial Assistance Requests for Lead Service Lines and Emerging Contaminants

Utah Code Title 19 Chapter 4, Utah Code Title 73 Chapter 10c, and the Drinking Water State Revolving Fund (DWSRF) provision of the Federal Safe Drinking Water Act, authorize the Drinking Water Board to provide financial assistance to drinking water systems for planning and design activities related to drinking water system improvement projects.

The Infrastructure Investment and Jobs Act (IIJA), also referred to as the Bipartisan Infrastructure Law (BIL), appropriates additional capitalization grant money to the states, through the Drinking Water State Revolving Fund program, specifically for projects related to replacing lead service lines (LSL) and addressing emerging contaminants in drinking water (focusing on the per- and polyfluoroalkyl substances (PFAS), although, other contaminants on the most recent Contaminant Candidate List are also eligible).

The IIJA/BIL establishes that capitalization grant money may also be used to pay for activities directly related to these two stated purposes, as follows:

Lead Service Line Replacement:

- Identifying and inventorying lead service lines
- Planning, designing, and replacing lead service lines as part of replacement projects

Emerging Contaminants:

- Non-routine (non-compliance) monitoring and sampling to establish baseline conditions
- Planning and designing projects to treat drinking water to remove emerging contaminants

The Board recognizes that the number of financial assistance applications submitted for projects related to lead service line replacement and/or addressing emerging contaminants will likely extend the length of Board meetings beyond reasonably expected times. In order to maintain efficient and effective Board meetings and keep meeting times to a reasonable length, the Board delegates authority to the Executive Secretary or the Assistant Executive Secretary to the DWB to approve LSL replacement requests up to $100,000 and emerging contaminant requests up to $40,000. The Board directs that any LSL replacement requests for more than $100,000 or emerging contaminant requests of more than $40,000 must come before the Board for authorization.

Additionally, the Board recognizes that the hardship criteria for DWSRF projects may not be adequate to provide the necessary flexibility to ensure that LSL replacement can take place efficiently in all communities across the State, especially in underserved communities and neighborhoods in both rural and urban areas. In order to ensure that LSL replacement can take place efficiently in underserved communities and neighborhoods in both rural and urban areas, the Board adopts the following LSL replacement funding criteria to allow LSL replacement grant funding to be prioritized in these underserved communities:

1. If a water system serves one or more census tracts at or above the 80th percentile for the Demographic Index, then the water system may receive grant funding to plan for and replace lead service lines within those census tracts.
2. If a water system serves schools or childcare centers, then the water system may receive grant funding to plan for and replace lead service lines for schools and childcare centers.

These LSL replacement funding criteria are in addition to the existing hardship criteria previously adopted by the Board and apply only to BIL LSL replacement projects.

The Board directs the Division of Drinking Water staff to include information regarding all authorized LSL replacement and emerging contaminant projects in the DWSRF Status Report presented to the Board at each Board meeting.

APPROVED: this _____ day of _____, 2022

_____
Kristi Bell
Chair, Drinking Water Board

Agenda Item 9(B)

DIVISION OF DRINKING WATER

STATE LOAN FUNDS

AS OF July 31, 2022

	SUMMARY		
	Total State Fund:	$25,446,068	
	Total State Hardship Fund:	$2,723,235	
	Subtotal:	$28,169,303	
LESS AUTHORIZED	Less:		
	Authorized Loans & Closed loans in construction:	$17,808,500	*(see Page 2 for details)*
	Authorized Hardship:	$672,026	
	Subtotal:	$18,480,526	
	Total available after Authorized deducted	**$9,688,777**	
PROPOSED	**Proposed Loan Project(s):**	**$1,287,000**	*(see Page 2 for details)*
	Proposed Hardship Project(s):	**$100,000**	
	Subtotal:	**$1,387,000**	
AS OF:			
July 31, 2022	**TOTAL REMAINING STATE LOAN FUNDS:**	**$6,350,568**	
	TOTAL REMAINING STATE HARDSHIP FUNDS:	**$1,951,209**	

Total Balance of ALL Funds: **$8,301,777**

Projected Receipts Next Twelve Months:		
and Sales Tax Revenue		
Annual Maximum Sales Tax Projection	**$3,587,500**	
Less State Match for 2022 Federal Grant	($2,202,200)	
Less State Match for 2022 BIL Grant	($2,000,000)	
Less Appropriation to DDW/Board	($1,018,500)	
SUBTOTAL Sales Tax Revenue including adjustments:		-$1,633,200
Payment:		
Interest on Investments (Both Loan and Hardship Accounts)		$84,000
Principal payments		$2,842,000
Interest payments		$627,465
Total Projections:		$1,920,265

Total Estimated State SRF Funds Available through 08-01-2023	**$10,222,042**

DIVISION OF DRINKING WATER
STATE LOAN FUNDS
PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF July 31, 2022

Community	Loan #	Cost Estimate	Date Authorized	Date Closed/Anticipated	Authorized Funding Loan	Grant	Total
Scofield Town (#04008) 1.9% 20yrs	3S1813	2,472,000	Sep-21		2,472,000		2,472,000
Circleville Town ARPA Funding grant 470k loan 05% 3(	3F1825	3,500,000	Jan-22		470,000		470,000
Tridell Lapoint SSD	3S1836	4,420,000	Mar-22		890,000		890,000
Bear River 1% 20yrs	3S1849	6,251,400	Jun-22		2,840,000		2,840,000
North Emery SSD	3S1863	512,000	Jun-22		512,000		512,000
Austin SSD 1.88% 30yrs	3S1803	436,000	Jun-22		436,000		436,000
Mona Town	3S1846P	40,000	Apr-22		40,000		40,000
Ephraim City 1% 20yrs	3S1828	500,000	Jan-22		500,000		500,000
Enoch City 1% 20yrs	3S1834	645,000	Mar-22		645,000		645,000
Cedarview Montwell SSD 0% int 40 yrs	3S1869	4,715,000	Jul-22		1,165,000		1,165,000
Manila 2.28% int 30 yrs	3S1872	505,000	Jul-22		500,000		500,000
Hoytsville Culinary Wtr Sys 2.58% int 30 yrs	3S1881	1,595,000	Jul-22		1,595,000		1,595,000
Angell Springs SSD	3S1886	81,000	Jul-22			81,000	0
							0
Subtotal Loans and Grants Authorized					12,065,000	0	12,065,000
PLANNING LOANS / GRANTS IN PROCESS							
Thompson SSD	3S1747P	29,500	Jan-20	Feb-20		29,500	29,500
Angell Springs SSD	3S1789P	37,600	Mar-21	Apr-21		36,100	36,100
Glen Canyon SSD of Big Water	3S1801P	39,000	May-21	Jun-21		39,300	39,300
East Carbon City	3S1802P	40,000	May-21	Nov-21		40,000	40,000
Green River City(#08005)	3S1790P	56,626	Jun-21	Jun-21		56,626	56,626
Wayne County (#28000)	3S1814P	40,000	Sep-21	Nov-21		40,000	40,000
Uintah Town (#29020)	3S1810P	39,500	Aug-21			39,500	39,500
Big Plains Water and Sewer SSD #27069	3S1811P	60,000	Nov-21			60,000	60,000
Subtotal Planning in Process					0	341,026	341,026
CLOSED LOANS (partially disbursed)							
Caineville SSD 0% int 40 yrs	3S1766	1,000,000	Sep-20	Feb-22	245,000	250,000	495,000
Pleasant Grove City 1.6% 20yrs	3S1796	5,400,000	Jun-21	Feb-22	3,800,000		3,800,000
Powder Mountain WSID 2.54% 30yrs	3S1830	1,895,000	Jan-22	Jun-22	947,500		947,500
La Verkin 1.57% 35 yrs	3S1806	1,211,000	Aug-21	Jun-22	751,000		751,000
Subtotal Closed Loans Partially Disbursed					5,743,500	250,000	5,993,500
TOTAL AUTHORIZED/PLANNING/OR CLOSED BUT NOT YET FUNDED					$17,808,500	$672,026	$18,399,526
PROPOSED PROJECTS FOR August 2022							
							0
Uintah Town 2.0% for 20 yrs	3S1841	1,000,000			1,000,000		1,000,000
Fruitland SSD	3S1891	289,869			287,000		287,000
Price Municpal Corp	3S1895P	280,000				100,000	100,000
							0
Total Proposed Projects					1,287,000	100,000	1,387,000

DIVISION OF DRINKING WATER
STATE LOAN FUNDS
AS OF July 31, 2022

	5235 Loan Funds	5240 Interest (use for Grants)	Total
Cash:	$25,446,068	$2,723,235	$28,169,303
Less:			
Loans & Grants authorized but not yet closed (schedule attached)	(12,065,000)	(341,026)	(12,406,026)
Loans & Grants closed but not fully disbursed (schedule attached)	(5,743,500)	(250,000)	(5,993,500)
Proposed loans & grants	(1,287,000)	(100,000)	(1,387,000)
Administrative quarterly charge for entire year	(1,018,500)		(1,018,500)
Appropriation to DDW	0		0
FY 2022 Federal SRF 20% match (BASE)	(2,202,200)		(2,202,200)
FY 2022 Federal SRF 20% match (Supplemental BIL)	(2,000,000)		(2,000,000)
	1,129,868	**2,032,209**	**3,162,077**
Projected repayments during the next twelve months			
Thru 08-01-2023			
Principal	2,842,000		2,842,000
Interest		627,465	627,465
Projected annual investment earnings on invested cash balance		84,000	84,000
Sales Tax allocation thru Aug-01-2023	3,587,500		3,587,500
Total	**$7,559,368**	**$2,743,674**	**$10,303,042**

* All interest is added to the Hardship Fee account.

DIVISION OF DRINKING WATER
FEDERAL SRF
AS OF July 31, 2022

FIRST ROUND FUND	
1997 thru 2021 SRF Grants	
Net Federal SRF Grants:	$196,032,661
Total State Matches:	$45,673,300
Closed Loans:	-$241,705,961
Total Grant Dollars:	**$0**

FEDERAL SECOND ROUND FUND	
Principal Repayments	
Principal (P):	$56,578,019
Interest (I):	$22,177,389
Total P & I:	**$78,755,408**

Earnings on Invested Cash Balance	
Total:	**$949,754**

Hardship Fund	
Total:	**$1,402,059**

SUMMARY	
Total Federal State Revolving Fund:	$79,705,162
Total Federal Hardship Fund:	$1,402,059
Subtotal:	$81,107,221
Less:	
Authorized & Partially Disbursed Closed Loans:	$134,188,575
Authorized Federal Hardship:	$351,260
Subtotal:	$134,539,835
Proposed Federal Project(s):	**$28,647,838**
Proposed Federal Hardship Project(s):	**$0**
Subtotal:	**$28,647,838**
TOTAL REMAINING LOAN FUNDS:	**-$83,131,251**
TOTAL REMAINING HARDSHIP FUNDS:	**$1,050,799**

LESS AUTHORIZED & PARTIALLY DISBURSED

PROPOSED

AS OF: **July 31, 2022**

Total Balance of ALL Funds after deducting proposed actions: -$82,080,452

Projected Receipts thru August 1, 2023	
2022 Fed SRF Grant & State Match	$20,361,530
Interest on Investments	$367,200
Principal Payments	$8,400,603
Interest	$793,503
Hardship & Technical Assistance fees	$871,338
Fund 5215 principal payments	$111,200
Total:	$30,905,373

Receive 60% in January

Total Estimated Federal SRF Funds Available through: 08/01/2023 **-$51,175,079**

Subsidization Requirements - Base Program

Grant Year	Minimum	Maximum	Closed Subsidy	Authorized/Not Closed Subsidy	Status
2021	$2,200,200	$5,390,490	$809,868	$12,640,606	**INCOMPLETE**
2022					**COMPLETE**
Total:	$2,200,200	$5,390,490	$809,868	$12,640,606	

DIVISION OF DRINKING WATER
FEDERAL STATE REVOVING FUND
PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF July 31, 2022

PUBLIC WATER SYSTEM	Project			Authorized Date	Closing Date Scheduled or Estimated	Authorized From Loan Funds (1st or 2nd Round)			Hardship Fund
	Total Project	Terms	Loan #			Loan	Forgiveness	Total	
Bicknell	$ 2,178,000	50/50 1% 30 yrs	3F1786	Jun-21		$ 1,308,000	$ 870,000	$ 2,178,000	
East Carbon	$ 1,989,000	50/50 1% 20 yrs	3F1792	Jun-21		$ 994,000	$ 595,000	$ 1,589,000	
Spring Creek Water Users	$ 323,800	50/50 0% 30 yrs	3F1787	Mar-22	8/25/2022	$ 131,000	$ 385,000	$ 516,000	
Wellington	$ 1,717,000	60/40 1% 30 yrs	3F1797	Jun-21	8/23/2022	$ 1,000,000	$ 241,000	$ 1,241,000	
Cornish Town	$ 1,704,922	0%, 30 YRS	3F1812	Nov-21		$ 754,000	$ 750,922	$ 1,504,922	
Weber Meadowview	$ 2,158,400	0%, 40 YRS	3F1815	Nov-21		$ 2,100,000		$ 2,100,000	
Bristlecone	$ 93,500	100% PF	3F1822	Jan-22			$ 93,500	$ 93,500	
Elk Meadows SSD	$ 1,660,000	1.97% 15yrs	3F1827	Jan-22		$ 1,660,000		$ 1,660,000	
Skyline Mountain SSD	$ 3,123,000	2.09% HGA Fee 30yrs	3F1831	Jan-22		$ 3,123,000		$ 3,123,000	
Bridgerland Village Water Co	$ 1,350,000	1.7% 30yrs	3F1837	Mar-22		$ 1,350,000		$ 1,350,000	
High Valley Water Company	$ 3,309,000	0% 20 yrs	3F1835	Mar-22		$ 1,659,000	$ 1,650,000	$ 3,309,000	
M&J	$ 1,600,000	0% 20 yrs	3F1848	Jun-22		$ 180,000	$ 1,360,000	$ 1,540,000	
Roosevelt City	$ 2,951,400	100% PF	3F1854	Jun-22			$ 2,841,400	$ 2,841,400	
Panguitch	$ 1,629,000	50/50 2.0% 20 yrs	3F1855	Jun-22		$ 804,000	$ 805,000	$ 1,609,000	
Lynndyl Town	$ 2,046,000	100% PF	3F1858	Jun-22		$ 436,000	$ 1,610,000	$ 2,046,000	
Henefer Secondary Water	$ 2,100,000	0% HGA 20yrs	3F1843	Jun-22		$ 2,100,000		$ 2,100,000	
Johnson WID	$ 2,452,000	100% PF	3F1862	Jul-22			$ 2,352,000	$ 2,352,000	
Levan	$ 2,895,000	2.2% int 30yrs	3F1829	Jul-22		$ 1,433,000	$ 1,433,050	$ 2,866,050	
South Duchesne	$ 1,992,500	2.0% int 30 yrs	3F1879	Jul-22		$ 482,000		$ 482,000	
Beaver City	$ 2,679,146	40 yrs 0%	3F1874	Jul-22		$ 1,322,000	$ 1,330,620	$ 2,652,620	
Moroni	$ 5,892,000	30 yrs, 1% HGA fee	3F1878	Jul-22		$ 1,178,000	$ 1,179,000	$ 2,357,000	
Canyon Meadows Mutual Wtr Co	$ 387,879	30 yrs 1% HGA Fee	3F1876	Jul-22		$ 230,000	$ 57,879	$ 287,879	
Granger Hunter Improvement District	$ 13,811,820	.5% hga fee 30 yrs	3F1850	Jul-22		$ 11,000,000	$ 2,811,820	$ 13,811,820	
Provo City	$ 69,500,000	40 yrs 1% int	3F1873	Jul-22		$ 36,750,000		$ 36,750,000	
Holden Town	$ 8,841,000	40 yr 0% int	3F1847	Jul-22		$ 5,191,000	$ 3,500,000	$ 8,691,000	
Scipio Town	$ 3,545,000	30 yrs 2.7% int	3F1851	Jul-22		$ 2,280,000	$ 1,240,000	$ 3,520,000	
Blanding City - Westwater #2	$ 5,683,073	100% PF	3F1820P	Jan-22			$ 340,984	$ 340,984	
San Juan County - NTUA Westwater #2	$ 4,355,105	100% PF	3F1821P	Jan-22			$ 457,000	$ 457,000	
San Juan County La Sal	$ 60,000	100% PF	3F1871P	Jun-22			$ 60,000	$ 60,000	
Wallsburg Town	$ 35,000	100% PF	3F1818P	Nov-21				$ -	$ 25,000
Helper	$ 40,000	100% PF	3F1867P	Jul-22	Aug-22			$ -	$ 40,000
Fremont Waterworks Co	$ 40,000	100% PF	3F1884P	Jul-22				$ -	$ 40,000
TOTAL CONSTRUCTION AUTHORIZED:						**$ 77,465,000**	**$ 25,964,175**	**$ 103,429,175**	**$ 105,000**
COMMITTED ADVANCES / AGREEMENTS or PARTIALLY DISBURSED CLOSED 2ND ROUND AGREEMENTS:									
					Date Closed				
								$ -	$ -
Rural Water Assn of Utah	$ 676,000	5 yr contract for Development Specialist	Ongoing	Jan-18	Jun-18			$ -	$ 22,360
Granger Hunter Improvement District	$ 20,000,000	1.25% HGA 20 yrs (portfolio)	3F1708	Feb-19	Jul-19	$ 9,700,000		$ 9,700,000	
Kearns Improvement District	$ 21,000,000	1.25% hgf, 20 yrs (portfolio)	3F1725	Jun-19	Dec-19	$ 3,500,000		$ 3,500,000	
Central Utah WCD-Duchesne Valley WTP	$ 18,000,000	1.25% HGF, 30 yrs	3F1731	Aug-19	Jun-20	$ 8,020,000		$ 8,020,000	
Hyde Park City	$ 5,994,000	2.91% HGF 20 yrs	3F1744	Jan-20	Apr-21	$ 1,500,000		$ 1,500,000	
Moroni	$ 3,535,000	1% HGF 30 yrs (disadvantaged No LOF)	3F1772	Nov-20	Feb-22	$ 2,135,000	$ 585,000	$ 2,720,000	
Genola City	$ 2,849,400	0% int, 30yrs	3F1732	Aug-19	Apr-22	$ 1,913,000	$ 2,271,400	$ 4,184,400	
Irontown	$ 909,000	50/50 0% 40 yrs	3F1794	Jun-21	Apr-22	$ 356,000	$ 779,000	$ 1,135,000	
Hildale City	$ 40,000	100% pf master plan	3F1704P	Nov-18	Oct-19				$ 40,000
Brooklyn Tapline Co.	$ 36,000	100% PF	3F1823P	Nov-21	Mar-22				$ 18,000
Hanna Water and Sewer ID	$ 35,000	100% PF	3F1805P	Jul-21	Sep-21				$ 35,000
Blanding City - Westwater	$ 40,000	100% PF	3F1816P	Sep-21	Mar-22				$ 40,000
Blanding City-master	$ 38,900	100% PF	3F1819P	Nov-21	Dec-21				$ 38,900
Cornish Town	$ 40,000	100% PF	3F1826P	Nov-21	Jan-22				$ 40,000
Pine Valley Mtn Farms	$ 12,000	100% PF	3F1868P	Jul-22	Aug-22				$ 12,000
TOTAL PLANNING AUTHORIZED:						**$ 27,124,000**	**$ 3,635,400**	**$ 30,759,400**	**$ 246,260**
TOTAL CONSTRUCTION & PLANNING:								**$ 134,188,575**	**$ 351,260**
AVAILABLE PROJECT FUNDS:									**$ (54,483,413)**
AVAILABLE HARDSHIP FUNDS:									**$ 1,050,799**
PROPOSED PROJECTS FOR AUG 2022:									
Timber Lakes	$ 3,295,630	30 yrs 0%	3F1877			$ 3,263,000		$ 3,263,000	
Hanna Water & Sewer	$ 3,483,838	0% int 40 yrs	3F1883			$ 860,000	$ 2,623,838	$ 3,483,838	
Wallsburg Town	$ 6,933,000	0% int 40 yrs	3F1889			$ 3,397,000	$ 3,536,000	$ 6,933,000	
Leeds	$ 7,524,500	0% int 40 yrs	3F1892			$ 4,020,000	$ 3,499,500	$ 7,519,500	
Pine Valley Mtn Farm WC	$ 418,485	100% PF	3F1890				$ 348,500	$ 348,500	
Ballard Town	$ 7,287,000	0% int 40 yr	3F1896			$ 3,600,000	$ 3,500,000	$ 7,100,000	
								$ -	
TOTAL PROPOSED PROJECTS FOR THIS MEETING:						**$ 15,140,000**	**$ 13,507,838**	**$ 28,647,838**	**$ -**
*RWAU hardship grant is being disbursed monthly	5,892,000								
TOTAL FUNDS AFTER PROPOSED PROJECTS ARE FUNDED:								**$ (83,131,251)**	**$ 1,050,799**

DIVISION OF DRINKING WATER
FEDERAL SRF LOAN FUNDS
AS OF July 31, 2022

	Loan Funds 1st Round	Loan Payments 2nd Round Principal	Loan Payments 2nd Round Interest	Loan Payments Hardship Fund	TOTAL
Federal Capitalization Grants and State 20% match	$241,705,961				
Earnings on Invested 1st Round Funds			949,754		
Repayments (including interest earnings on 2nd round receipts)		56,578,019	22,177,389	1,402,059	322,813,182
Less:					
Closed loans and grants	-241,705,961				-241,705,961
SUBTOTAL of Funds Available	**$0**	**$56,578,019**	**$23,127,143**	**$1,402,059**	**$81,107,221**
Loans & Grants authorized but not yet closed or fully disbursed	-100,649,175	-29,904,000	-3,635,400	-351,260	-134,539,835
SUBTOTAL of Funds Available less Authorized	**-$100,649,175**	**$26,674,019**	**$19,491,743**	**$1,050,799**	**-$53,432,614**
Future Estimates:					
Proposed Loans/Grants for current board package	-28,647,838			0	-28,647,838
SUBTOTAL of Funds Available less Proposed Loans & Grants	**-$129,297,013**	**$26,674,019**	**$19,491,743**	**$1,050,799**	**-$82,080,452**
PROJECTIONS THRU August-2023					
2022 BIL Supplemental & Match	14,124,410				
2022 FED Base SRF Grant & State Match	6,237,120				
Projected repayments & revenue during the next twelve months		8,511,803	793,503	871,338	10,176,643
Projected annual investment earnings on invested cash balance		276,000	84,000	7,200	367,200
TOTAL	**-$108,935,483**	**$35,461,821**	**$20,369,246**	**$1,929,337**	**-$51,175,079**

DIVISION OF DRINKING WATER

ARPA Grant FUNDS

AS OF July 31, 2022

	SUMMARY		
	FY21 ARPA Appropriation:	$25,000,000	
	FY22 ARPA Appropriation:	$21,500,000	
	Subtotal:	$46,500,000	
LESS AUTHORIZED	Less:		
	Authorized Grants & Closed Grants in Construction:	$42,384,616	*(see Page 2 for details)*
	Subtotal:	$42,384,616	
	Total available after Authorized deducted	**$4,115,384**	
PROPOSED	**Proposed Loan Project(s):**	**$3,416,000**	*(see Page 2 for details)*
	Subtotal:	**$3,416,000**	
AS OF:			
July 31, 2022	**TOTAL REMAINING ARPA GRANT FUNDS:**	**$699,384**	

Total Balance of Funds: **$699,384**

Projected Receipts Next Twelve Months:	
FY2023 Appropriation and Federal Funding	
Total Projections	**$0**

Total Estimated ARPA Funds Available through 08-01-2023	**$699,384**

DIVISION OF DRINKING WATER
ARPA Grant FUNDS
PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF July 31, 2022

Community	Grant #	Date Authorized	Date Closed/Anticipated	Grant	Total
Circleville Town	3F1825	Jan-22		3,500,000	3,500,000
Tridell Lapoint SSD	3S1836	Mar-22		3,500,000	3,500,000
Brian Head Town	3F1861	Jun-22		507,870	507,870
North Emery SSD	3F1863	Jun-22		1,538,000	1,538,000
Myton City	3F1864	Jun-22		650,000	650,000
Ouray Park	3F1866	Jun-22		2,871,000	2,871,000
Pinion Forrest SSD	3F1844	Jun-22		299,000	299,000
Daggett Co - Dutch John	3F1857	Jun-22		3,500,000	3,500,000
New Paria	3F1852	Jun-22		3,359,000	3,359,000
Clark Bench	3F1853	Jun-22		3,444,000	3,444,000
Austin SSD	3F1803	Jun-22		3,255,110	3,255,110
Axtell SSD	3F1845	Jun-22		2,269,000	2,269,000
Desert Sage HOA	3F1859	Jun-22		578,460	578,460
Cedarview Montwell SSD	3S1869	Jul-22		3,500,000	3,500,000
South Duchesne Culinary Water	3F1879	Jul-22		1,500,500	1,500,500
West Water - not in waterlink	Has not been authorized			3,500,000	3,500,000
Subtotal Loans and Grants Authorized				37,771,940	37,771,940
GRANTS IN PROCESS					
Church Wells	3F1824	Jan-22	Apr-22	2,252,000	2,252,000
Cannonville Town	3F1838	Mar-22	Jul-22	2,360,676	2,360,676
TOTAL AUTHORIZED Grant/OR CLOSED BUT NOT YET FUNDED				$42,384,616	$42,384,616
PROPOSED PROJECTS FOR August 2022					
					0
					0
Helper	3F1880			3,416,000	3,416,000
					0
					0
					0
Total Proposed Projects				3,416,000	3,416,000

DIVISION OF DRINKING WATER

LEAD ARPA Grant FUNDS

AS OF July 31, 2022

	SUMMARY		
	FY22 ARPA Appropriation:	$3,500,000	
	Subtotal:	$3,500,000	
LESS AUTHORIZED	Less:		
	Authorized Grants & Closed Grants in Construction:	$199	*(see Page 2 for details)*
	Subtotal:	$199	
	Total available after Authorized deducted	**$3,499,801**	
PROPOSED	**Proposed Loan Project(s):**	**$0**	*(see Page 2 for details)*
	Subtotal:	**$0**	
AS OF:			
July 31, 2022	**TOTAL REMAINING ARPA GRANT FUNDS:**	**$3,499,801**	

Total Balance of Funds: **$3,499,801**

Projected Receipts Next Twelve Months:	
FY2023 Appropriation and Federal Funding	
Total Projections	**$0**

Total Estimated ARPA Funds Available through 08-01-2023	**$3,499,801**

DIVISION OF DRINKING WATER
LEAD ARPA Grant FUNDS
PROJECTS AUTHORIZED BUT NOT YET CLOSED
AS OF July 31, 2022

Community	Grant #	Date Authorized	Date Closed/Anticipated	Grant	Total
Salt Lake District (Utah18000E)		5/17/2022		35.00	35.00
Diocese of SLC - Davis County (Utah06000A)		5/17/2022		163.80	163.80
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
Subtotal Loans and Grants Authorized				198.80	198.80
GRANTS IN PROCESS					
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
TOTAL AUTHORIZED Grant/OR CLOSED BUT NOT YET FUNDED				198.80	198.80
PROPOSED PROJECTS FOR July 2022					
Total Proposed Projects					

Agenda Item 9(C)

DRINKING WATER BOARD
BOARD PACKET FOR PROJECT PRIORITY LIST

There are seven new projects being added to the project priority list:

Ballard Water Improvement District scored 55.9 project priority points. Their project is to install an 800,000-gallon concrete water tank, new well, 3.5 miles of 12" transmission line, and waterline upgrades.

Hanna Water and Sewer District scored 29.0 priority rating points. Their project will be to construct a 200,000 gallon concrete tank, a booster pump station, 4,500 feet of 12-inch distribution line, Duchesne River crossing and 10,100 feet of 8-inch distribution line.

Leeds Domestic Water Users Association scored 28.0 priority rating points. Their project consists of drilling a new well as a redundant source and installing a chlorinator, installing an altitude control valve and vault to control overflow, replacing 4,500 feet of aging and failing water main, and removing and replacing the transmission line from the spring to the storage location.

Wallsburg Town scored 27.4 priority rating points. Their project is to replace an existing 100,000-gallon concrete storage tank with a new 500,000-gallon storage tank and install approximately 40,000 linear feet of new PVC piping along with new valves and hydrants, including a new 8" PRV station.

Pine Valley Mountain Farms Water Company scored 27.2 priority rating points. Their project is to refurbish a 32-year-old water tank, replace 1200 feet of leaky transmission line, install an emergency backup solar pump on two wells, and to purchase and install 75 electronic water meters.

Fruitland Special Service District scored 12.4 priority rating points. Their project is to re-develop the Mill Hollow Upper Spring.

Stockton Town Emergency Infrastructure Project. This project was not scored and was not presented to the Financial Assistance Committee. Stockton Town's water system was severely impacted from a wildfire in July 2022. The project includes installing power and a chlorination system for an existing well.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board approve the updated Project Priority List.

Utah Federal SRF Program

Project Priority List

August 15, 2022

Total Unmet Needs: **$885,908,617** **Total Needs, incl. Recent funding** **$726,176,645** **Authorized** **$493,195,301**

	date	BIL $	type	%Green	Priority Points	System Name	County	Pop.	ProjectTitle	Project Total	SRF Assistance	BIL funds authorized	Funds Authorized
N					55.9	Ballard Water ID	Uintah	1,367	800,000 gal tank, well; 3.5 miles of 12" trans line	$7,287,000	$7,100,000		
N					47.2	Pine Valley Mountain Farms	Washington	144	Tank rebushment, trans line replacement, solar pump, mete	$418,485	$348,500		
N					29	Hanna Water and Sewer District	Duchesne	742	200,000 gallon tank, booster pump station, dist line	$3,483,838	$3,483,838		
N					28	Leeds Domestic Water	Washington	797	New well, chloirinator, main line and dist line replacement	$7,524,500	$7,519,500		
N					27.4	Wallsburg Town	Wasatch	300	500,000 gallon tank, new pipeline, PRV	$6,933,000	$6,933,000		
N					11.3	Pinion Forest SSD	Duchesne	640	Distribution system, tank, pump station, PRV's	$8,552,520	$8,552,000		
A					110.6	Wellington	Carbon	1,676	replace asbestos pipe, PRV station, meter replacement	$7,580,170	$1,717,000		$1,717,000
A					105.6	East Carbon City	Carbon	1,600	1.5 MGD conventional treatment plant	$3,988,000	$1,989,000		$1,989,000
A					99.3	M&J Trailer Home	Box Elder	27	New well, tank, dist line, arsenic tmnt	$1,660,000	$1,540,000		$1,540,000
A					65.8	Brian Head Town	Iron	165	Install new transmission line/fire hydrants along Snow Shoe I	$857,986	$507,870		$507,870
A					64.4	Johnson WID	Uintah	1,880	upgrading 24,000 ft undersized waterlines	$2,452,000	$2,352,000		$2,352,000
A					63.6	Roosevelt City	Duchesne	6,800	pipeline replacement, lining of DI pipe, new pipe to bypass ta	$2,951,400	$2,841,400		$2,841,400
A					62.6	High Valley Water Co.	Summit	850	2 PRV, new mailine, service connections, meters, hydrants	$3,609,000	$3,309,000		$3,309,000
A					48.6	Escalante	Garfield	800	spring redevelopment, collection box, source protection	$87,000	$39,400		$40,000
A					48.5	Pinion Forest SSD	Duchesne	640	Water treatement improvements: chlorination and adressing	$300,000	$300,000		$299,000
A					42.6	Levan	Juab	862	lead-joined Iron service line upgrades	$2,895,000	$2,866,050		$2,866,050
A					36.3	Cornish Town	Cache	270	well house, RO/Chlorine Treatment, Booster, 250K tank	$1,704,922	$1,504,922		$1,504,922
A					35.3	Moroni	Sanpete	1,500	Additional funding to complete tank, overflow line, PRV	$2,357,000	$2,357,000		$2,357,000
A					31.7	Weber Meadow View Ranches	Summit	65	150K tank, waterlines, hydrants, PRV station, well pump upg	$2,158,400	$2,100,000		$2,100,000
A					26.7	North Emery SSD	Emery	1,500	new 250,000-gallon tank, replace PRV vaults, replace 4000 f	$2,550,000	$2,050,000		$2,050,000
A					26.6	Elk Meadows SSD	Beaver	303	New: Line, hydrants, isolation valves, PRV stations	$1,660,000	$1,660,000		$1,660,000
A					24.7	Spring Creek Water Users	Iron	204	New Well	$542,000	$516,000		$516,000
A					22.6	Lynndyl Town	Millard	110	purchase property, new infrastructure, water rights, etc.	$1,744,152	$1,744,152		$1,744,000
A					21	Skyline Mountain SSD	Sanpete	225	41K tank and well house, impact fee study, loan refi.	$3,123,000	$3,123,000		$3,123,000
A					15.1	Provo	Utah	126,000	20 MGD Water treatment plant and 2,850-foot transmission	$36,750,000	$36,750,000		$36,750,000
A					13.5	Desert Sage AVWID	Uintah	55	Watermain replacement, hydrants, meters, service line repla	$598,460	$578,460		$578,000
A					11.5	Bristlecone	Garfield	180	SCADA, drainage and overflow relocation	$93,500	$93,500		$93,500
A					10.4	Myton Town	Duchesne	590	New waterline and connections, hydrants.	$650,000	$650,000		$650,000
A					10.4	Panguitch	Garfield	1,730	9000 lf 10-in mainline, valves, hydrants, connect to existing	$1,629,000	$1,609,000		$1,609,000
A					11.5	Scipio	Millard	334	Spring redevelopment	$3,545,000	$3,520,000		$3,520,000
A					9.8	Holden Town	Millard	450	New well, tank, dist lines, meters, chlorination upgrades	$8,841,000	$8,691,000		$8,691,000
A					7.5	Enoch City	Iron	6,500	New 2M Gallon steel tank	$1,639,440	$645,000		$645,000
A					7	Genola	Utah	1,500	Tank and well	$4,884,400	$2,849,400		$2,849,400
A					6.5	Bridgerland Water Co.	Rich	240	Connect to Garden City system, 2 booster stations, SCADA,	$1,128,170	$1,350,000		$1,350,000
A					0	Henefer (Secondary Irrigation)	Summit	1,025	Secondary irrigation	$2,100,000	$2,100,000		$2,100,000

Agenda Item 9(D)

DRINKING WATER BOARD
BOARD PACKET FOR THE DISPOSITION OF REMAINING ARPA ASSISTANCE FUNDS PRESENTED TO THE DRINKIKNG WATER BOARD

STAFF COMMENTS:

The state legislature appropriated $50,000,000 of the State's allotment of funds from the American Rescue Plan Act to the Drinking Water Board for drinking water infrastructure improvement projects in Utah. As of the July 21, 2022, $49,300,616 in ARPA grants have been authorized for 20 projects in small, rural, disadvantaged communities. As of August 5, 2022, $699,384 of the appropriated ARPA funds remain available.

Staff believes these remaining funds are appropriate for small grants to drinking water systems that need quick access to financial assistance to repair or replace infrastructure on an emergency basis. Staff also believes that these small projects should not require systems to appear before the Board to request assistance.

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize the Executive Secretary or Assistant Executive Secretary to authorize up to $40,000 in financial assistance from the remaining ARPA allocation to water systems that demonstrate an emergency need that meets the requirements of, R309-705-3, R309-705-9 and Utah Code Title 73-10c.

Agenda Item 9(E)

Seven County Infrastructure Coalition - Navajo Water Settlement
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
FOR INFORMATIONAL PURPOSES ONLY
PRESENTED TO THE DRINKING WATER BOARD

PROJECT DESCRIPTION:

The Utah Navajo Water Rights Settlement was funded by the federal government in December 2021. The settlement includes $214 million and approximately 81,500 acre-feet of water right intended to provide drinking water to remote Utah Navajo chapter communities. Initial studies were completed by the Navajo Nation and state of Utah in 2010 to define the need. The study is over 10 years old and must be updated based on current needs and construction market conditions.

The State Legislature has allocated $400,000 to the Seven County Infrastructure Coalition to update the 2010 studies including the following work items:

- Coordinate with the various stakeholder communities, including the seven Utah Navajo chapters, the Navajo Nation, and the State of Utah.
- Identify and evaluate potential projects, including conducting preliminary engineering modeling and analysis.
- Evaluate land status and right-of way issues.
- Outline potential environmental review processes.
- Educate the public ad stakeholders on project benefits.
- Prioritize projects according to potential construction schedules and cost.

The funding assistance for this planning project will not come from the Drinking Water State Revolving Fund, however, it will pass through the Division's DWSRF staff and follow established DWSRF Program protocols and procedures for reimbursing study costs incurred by the Seven County Coalition.

Project success will be measured in part through:

- Successfully developing relationships and coordinating study milestones with each of the Utah Navajo chapters.
- Completing capital improvement plans that will benefit each Utah Navajo chapter, including an outline of the scope of work, probable costs, and schedule implications.
- Completing and submitting the final executive summary and action plan document.

STAFF RECOMMENDATION:

This is an informational item only, no Board action is required.

SEVEN COUNTY INFRASTRUCTURE COALITION

www.scic-utah.org

UTAH NAVAJO WATER RIGHTS SETTLEMENT
2022 CONCEPT PLAN UPDATE

Background:

The Utah Navajo Water Rights Settlement was funded by the federal government in December 2021 after an 11-year process. The settlement includes $214 million and approximately 81,500 acre-feet of water right intended to provide drinking water to the remote Utah Navajo chapter communities.

Initial studies were completed by the Navajo Nation and state of Utah in 2010 to define the need. The study is over 10 years old and should be updated based on current needs and construction market conditions. The outline listed below identifies the steps required to update.

Concept Planning Scope of Work:

1. Gather Existing Information and Studies
    a. US BOR Regional Water Supply Studies
    b. Review existing Brown & Caldwell report and prepare list of projects for Utah Chapters
    c. Navajo Utah Chapters Water Plan
    d. Gather information from UNTF, UNDC
2. Review Water Settlement Project Type Eligibility
    a. Research and develop drinking water and agricultural projects
3. Stakeholder Coordination
    a. Identify Stakeholders

    b. Chapter coordination
    c. Roles and responsibilities
    d. Monthly stakeholder meetings
    e. Communication Plan
    f. Outreach and public involvement planning
4. Evaluate Potential Projects
    a. All chapters addressed in the 2010 study
    b. Utah Navajo Chapter projects (excluded from 2010 study)
    c. Preliminary engineering modeling and analyses
    d. Updated probable costs
5. Right-of-Way Planning
    a. Evaluation of right-of-way (ROW) status
    b. Outline of processes to receive ROW for all corridors
    c. Corridor efficiency considerations (accommodate other utilities, etc.)

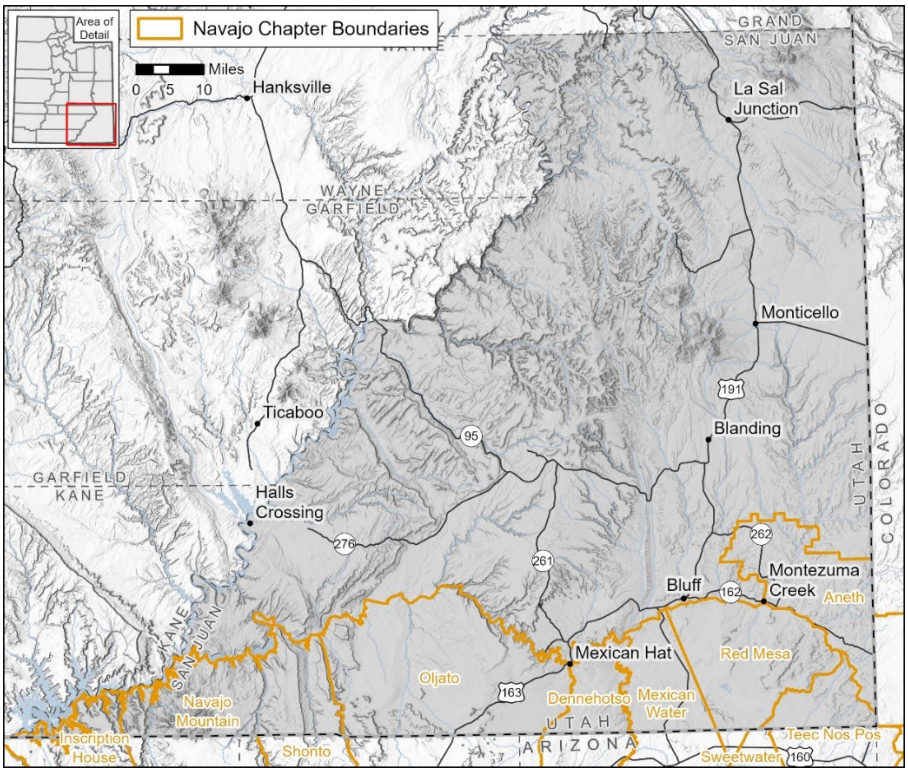
Funding Request: $400,000

6. Environmental Planning
    a. Outline of environmental processes

7. Strategic Communications
    a. Tell the project's story, provide correct information, and educate the public and stakeholders
    b. Legislative outreach
8. Prioritize Projects
    a. Begin with existing studies
    b. Preliminary analysis to understand conceptual scopes
    c. Identify highest priority projects for each Chapter
9. Updated probable Costs
10. Schedule Considerations
11. Executive Summary and Action Plan

Estimated Cost:

Estimated Cost:
The scope of work is extensive. It will provide decision makers the information necessary to be educated and confident in their decisions. The estimated cost of the planning effort is **$400,000**.



NOTE: The Utah Navajo Water Settlement applies to each Navajo chapter in Utah.

Agenda Item 9(F)(i)(a)

Stockton Town
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

The Town of Stockton was severely impacted by a wildfire that broke out July 9, 2022. By July 20, 2022, the fire had burned approximately 4,114 acres, including the area where the Town's drinking water treatment plant is located. In addition, the Town's main source of drinking water, a spring located in Soldier Canyon, is currently producing approximately 150 gpm, significantly less than the 210 gpm the Town needs. The spring feeds Soldier Creek and the Town withdraws water from Soldier Creek to feed the treatment plant approximately one mile below the spring source. To supplement its water supply and provide emergency backup when necessary, the Town drilled a backup well source near the treatment plant in 2008. Until the fire, power for the well was provided by a propane-fueled generator. The propane storage tanks were damaged in the fire and are unusable. The Town is currently using a portable generator to pump the well and provide water to its residents. In addition to damaged infrastructure, the Town is concerned that increased sediment in Soldier Creek due to the lack of vegetation in the watershed will overwhelm the existing treatment plant and cause water shortages if the plant is not upgraded.

Stockton Town is requesting $640,000 in financial assistance to aid its water system recover from the wildfire and has established the following priorities:

1. Provide permanent power to the well site to replace the propane generator
2. Install a chlorination system at the well site
3. Replace the spring collection box with one that allows sediment removal to reduce potential sediment loads on the treatment plant
4. Replace the existing treatment plant (built in approximately 1990) with newer process technology, better suited to the Town's current needs
5. Install a SCADA system to allow more efficient treatment control

The Town's current request is for funding to implement items 1 and 2 above. Stockton is working with the Natural Resource Conservation Service to secure funding for the spring collection box and will gather additional information, including completing a service area income survey, and apply for funding for items 4 and 5 as quickly as possible.

PROJECT DESCRIPTION:

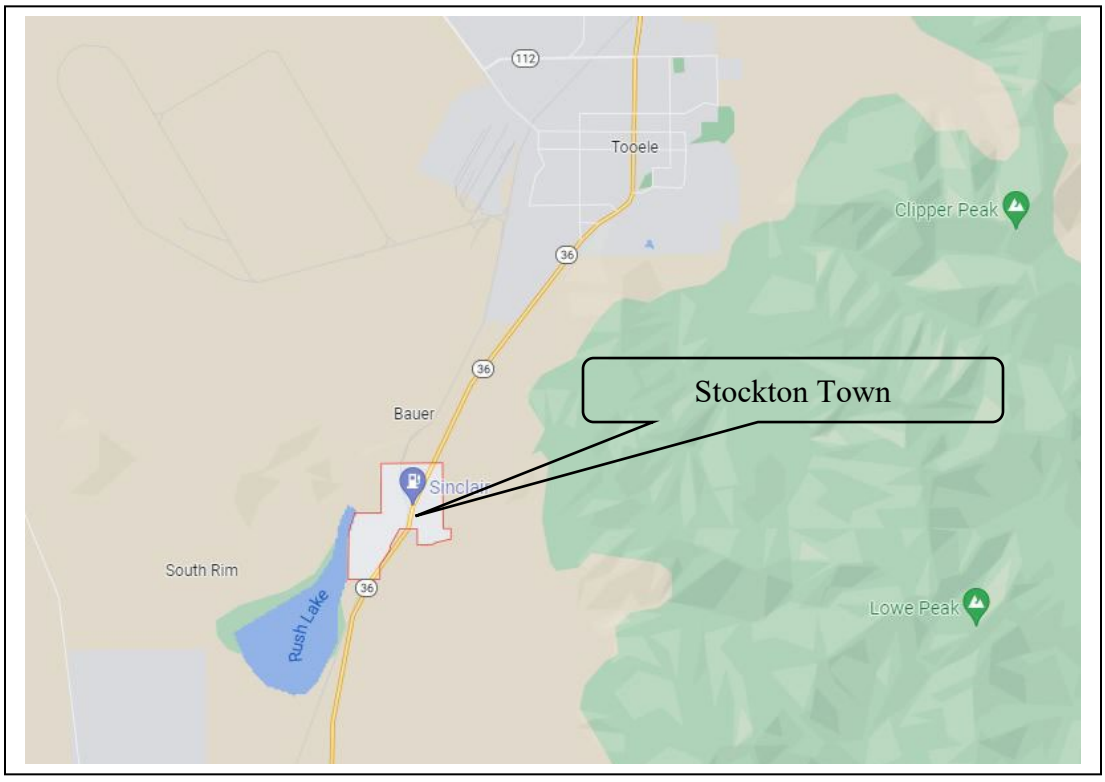
A complete project description is provided in the attached letter from Stockton Town.

STAFF RECOMMENDATION:

Due to the emergency nature of this project and in an effort to meet the Town's immediate needs in a timely manner, staff recommends the Drinking Water Board authorize an emergency construction grant of $640,000 to Stockton Town to provide permanent power to the existing well site and install a chlorination system at the well site.

APPLICANT'S LOCATION:

Stockton Town is located in Tooele County approximately 7 miles southwest of Tooele.



COST ESTIMATE:

Legal/Admin	$	15,000
Engineering – Design & CMS		25,000
Construction – Power Corridor		440,000
Construction – Chlorinator & Well		55,500
Contingency – Items 1 & 2		104,500
Total	**$**	**640,000**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	August 2022
Complete Design	September 2022
DDW Plan Approval	October 2022
Bid Opening	October 2022
Begin Construction	October 2022
Complete Construction	January 2023
Receive DDW Operating Permit	February 2023

IPS SUMMARY:

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
M006	CCC Program lacks written record of activities		15	
M007	CCC Program lacks documentation of on-going enforcement		15	
	Total =		**30**	

CONTACT INFORMATION:

APPLICANT:	Stockton Town 18 North Johnson Street PO Box 240 Stockton, Utah 84071 Telephone: 435-882-3877
PRESIDING OFFICIAL & CONTACT PERSON:	Nando Meli, Mayor 18 North Johnson Street PO Box 240 Stockton, Utah 84071 Telephone: 435-882-3877
TREASURER/RECORDER:	
CONSULTING ENGINEER:	Ted Mickelson Jones & DeMille Engineering Telephone: 801-692-0219 Email: ted.m@jonesanddemille.com
BOND ATTORNEY :	
CITY ATTORNEY:	

TOWN OF STOCKTON
18 North Johnson Street
PO Box 240
Stockton, Utah 84071
Phone: (435)882-3877

July 27, 2022

Drinking Water Board
c/o Michael Grange
State Office Building
195 North 1950 West
SLC, UT 84116
Via email: mgrange@utah.gov

RE: Stockton, UT Drinking Water System

Dear Drinking Water Board

BACKGROUND

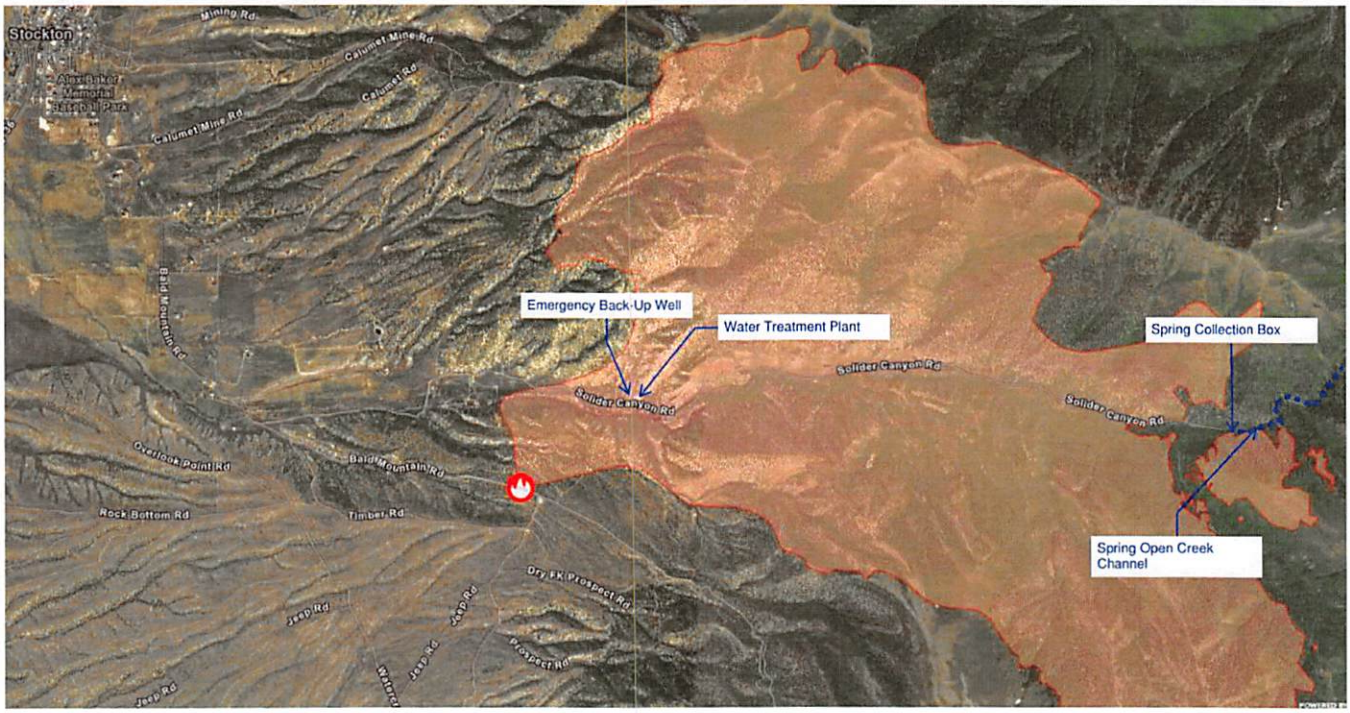
On July 9th, 2022 a fire was reported in the hills above the Town of Stockton in an area known as Jacobs City along Bald Mountain Road. The fire spread over the ridge and up Soldier Canyon burning approximately 4,114 acres at 93% contained as of July 20th, 2022.

Soldier Creek located in Soldier Canyon is the location of the Town of Stockton water source. The water daylights from an underground spring to an open creek. At approximately 1-mile down gradient of the spring the water is collected into a collection box and piped approximately another mile to a water treatment facility where it is treated and delivered to the water tanks. By agreement with the irrigation company, the first 210 gallons per minute (gpm) of flow from the springs is committed to the Town of Stockton and the remaining spring flow is diverted from the pipe to the irrigation company. In the past years, the springs have produced more than the 210 gpm, and as low as 150 gpm this year prior to the fire, likely due to drought conditions.

The treatment plant was constructed in the mid 1980's and is a slow sand bed filtration system. It consists of four cells that were originally designed at 250 gpm each and now produce between 50 to 150 gpm each, and a sodium hypochlorite chlorination system to chlorinate the water as it leaves the plant. These sand filters tend to plug easily during time of heavy sedimentation and debris runoff.

In the event the water treatment plant cannot serve the Towns water system, a back-up emergency well was constructed in approximately 2008. The backup well is equipped to pump approximately

600 gpm, exceeding the current Towns average water supply needs of approximately 150 gpm. The nearest permanent power source is approximately 4 miles from the well location, so the well was constructed with a propane fueled generator to power the facility including two permanent on-site propane tanks. Since the well does not have the capability to chlorinate at the site, the water is pumped from the well into the treatment plant, through the sand filters, so it can be chlorinated as it leaves the treatment plant. Additionally, the treatment plant acts as storage for approximately 10 homes that are connected to the system between the treatment plant and the storage tanks.



CONCERNS

As depicted above in the image the Jacob City fire burned in the same watershed as the water sources. The fire has compromised the Town's water source creating the need for emergency projects to continue to provide a reliable source of water to the residents. The immediate concerns to the Towns water system as a result of the fire includes:

1. The watershed above the spring collection box has been burned. Burned watersheds increase the debris and sedimentation runoff during rainfall events. This increased loading will quickly plug the sand filters in the existing treatment plant. Currently all spring water is being diverted to the irrigation company. The duration of the diversion is unknown at this time.

2. The collection box does not have the capability to sluice waters to reduce the sedimentation loading to the treatment plant. The Town is currently working with the NRCS to fund a new collection box.
3. The slow sand filtration treatment system may not be practical in the near future. The system does not have the capability to backwash and costs over $200,000 to replace the sand.
4. The propane tanks that fuel the generator for the emergency well burned in the fire and have been compromised. Because of this the propane fueled generator cannot be used. The City has rented a portable generator to power the well in the interim.

5. Since the well does not have a chlorination system, the water must be pumped through the treatment plant to chlorinate the water. If this capability were compromised the water supply would be inoperable until it could be corrected.
6. Although the treatment plant withstood the fire with only minor damage to the roof, it is over 35 years old and the building is in need of significant repairs. Additionally, this technology is antiquated, has unreliable production during times of high sedimentation runoff and expensive to replace the sand.

PRIORITIES

Prior to the Jacobs City fire, the Town was taken steps to seek funding for replacing the existing water treatment plant. Currently the Rural Water Association of Utah (RWAU) is conducting an income survey since the Town feels as though their Modified Adjusted Gross Income (MAGI) has been unfairly influenced by a neighboring development. However, with the fire, the Town has

reprioritized their needs to address the more immediate concerns with the water supply. The priorities are as follows:

1. Provide permanent power to the emergency well. Since this source could likely be the primary supply for the foreseeable future a permanent power source is desired to reduce the need to continually monitor the portable generator. Replacing the propane tanks has been considered but the propane generator has been expensive to use and also will require the tanks to be monitored continually for re-fueling as the primary water source.
2. Install a chlorination system at the well and purchase a back-up pump. This will allow water to be pumped directly from the well to the existing water tanks, bypassing the treatment system if it needs to be taken off-line. The existing pump is aging and given the long lead times for equipment, and since this may be the only source, at times, for the Town, the back-up pump will minimize the system down time.
3. Replace the spring collection box with one that will allow them to sluice material at the point of collection. The Utah NRCS staff has visited the site and is including this in their Damaged Survey Report (DSR) to seek funding from the National office.
4. Replace the treatment plant with newer technology. The existing facility is becoming unreliable and in need of significant repairs. This may include a storage tank to continue to serve the homes connected to the system between the treatment plant and current water tanks.
5. SCADA system. The Town does not currently have a SCADA system to monitor and control the water system.

REQUEST

At this time, the Town is requesting emergency funding for priorities number 1 and 2. By installing permanent power and chlorination at the well, this source will be more reliable for the community. The Town will continue to complete the income survey and gather additional information anticipating an application for priorities 4 and 5 in the near future.

OPINION OF PROBABLE COSTS

An opinion of probable cost is included with this letter for priorities 1 and 2. This constitutes the emergency funding request from the Drinking Water Board for $640,000.

Sincerely,

Nando Meli
Mayor
Stockton, UT

Enclosure: Opinion of Probable Costs

Owner: Stockton Town
Project: Well Power and Chlorination
Project #: Dev
PM: Ted Mickelsen
Date: 7/27/2022

Jones & DeMille Engineering

1-800-748-5275
www.jonesanddemille.com

ENGINEER'S OPINION OF PROBABLE COST					
Construction Costs					
Item No.	**Item Description**	**Unit**	**Quant**	**Unit Price**	**Price**
	Priority 1 - Well Power Supply				
1-1	Power Distribution System (RMP Costs)	L.S.	1	$ 375,000.00	$ 375,000
1-2	Power Corridor Survey	L.S.	1	$ 20,000.00	$ 20,000
1-3	Lease Agreements (Federal Lands)	L.S.	1	$ 15,000.00	$ 15,000
1-4	Easements (Private Lands)	L.S.	1	$ 30,000.00	$ 30,000
	Priority 2 - Well Chlorination System and Replacement Pump				
1-5	Chlorinator Pump	Each	1	$ 4,500.00	$ 4,500
1-6	Chlorine Container and Spill Containment	Each	1	$ 3,000.00	$ 3,000
1-7	Injection Quill and Tubing	L.S.	1	$ 3,000.00	$ 3,000
1-8	Tap and Connection	L.S.	1	$ 5,000.00	$ 5,000
1-9	Replacmeent Pump	Each	1	$ 35,000.00	$ 35,000
	Miscellanous Costs				
1-9	Mobilization (Chlorinator Only)	L.S.	1	$ 5,000.00	$ 5,000
1-10	Title Work and Engineering	L.S.	1	$ 25,000.00	$ 25,000
1-11	Legal and Admistration	L.S.	1	$ 15,000.00	$ 15,000
		Project Contingency		20%	$ 104,500
					$ 640,000

In providing estimates of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or negotiated costs of the Work will not vary

Public Water System IPS Report

Stockton Town Water System | PWS ID: UTAH23010 | Rating: Approved | 03/27/1997 | Status: Active

Contacts

Type: Administrative Contact
Name: RODNEY PARLEY WHEELER
Office: 435-882-3877
Emergency:
Email: WATERMASTER@STOCKTONTOWN.ORG

Site Information

Legal Contact: STOCKTON
Address: PO BOX 240 , STOCKTON, UT 84071
Phone: 435-882-3877
County: TOOELE COUNTY
System Type: Community
Certification Required: D1 T1
Total Population: 616

Site Updates

Last Inventory Update: 09/01/2021
Last Surveyor Update: 10/26/2020
Surveyor: NATHAN TODD LUNSTAD
Operating Period: 1/1 - 12/31
Last IPS Update: 08/15/2022 15:00:00

Political Districts

Representative: 68
Senate: 17

Water Usage Information per ERC

Total Ips Points: 30

IPS SUMMARY

Total IPS Points: 30

Admin & Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
30	0	0

PHYSICAL FACILITY POINTS

Total Pts: 30

Facility	Facility Name	Status	Points Effective	Details
DS001	UTAH23010 DISTRIBUTION SYSTEM	A	**30**	Hide Details **(2)**

Code	Description	Severity	Comments	Determined Date	Pending	Assessed
M006	CCC-LACKS WRITTEN RECORDS OF CCC ACTIVITIES	MIN	No records available at the time of the site visit. Church may be the only identified hazard.	10/26/2020	0	15
M007	CCC-LACKS ON-GOING ENFORCEMENT IMPLEMENTATION	MIN	No records available at the time of the site visit. Local church building is the only test report submitted annually.	10/26/2020	0	15

SIGNIFICANT DEFICIENCY VIOLATIONS

Total Pts: 0

ID	Violation	Code	Deficiency	Determined	Points Effective

LEAD COPPER MONITORING AND QUALITY VIOLATIONS

Total Pts: 0

Violation No.	Period	Code	Description/Name	Points Effective

CHEMICAL MONITORING RULE VIOLATIONS

Total Pts: 0

Facility	Violation No	Period	Code	Violation Type	Analyte Group	Determined	Seasonality	Points Effective

TREATMENT VIOLATIONS

Total Pts: 0

Facility	Violation No	Period	Code	Violation Type	Analyte Group	Determined	Points Effective

MICROBIAL RULE VIOLATIONS

Total Pts: 0

Date Range Start: 07/01/2021

Determine Date	Compliance Period	Code	Violation Type	Return To Compliance	Points Effective

OPERATOR CERTIFICATION

Type	Level Required	Highest Certificate
Distribution	Dist 1	Dist 1
Treatment	Treat 1	Treat 1

CONSUMER CONFIDENCE REPORT

Total Effective Points: 0

Violation No.	Period	Code	Description/Name	Points Effective

PUBLIC NOTIFICATION VIOLATIONS

Total Pts: 0

Violation No.	Date	Code	Description/Name	Points Effective

IPS COMPLIANCE SCHEDULES

Type	Required Activities	Severity	Created	Due
Revised Total Coliform Rule	SAMPLING SITE PLAN SUBMITTAL		01/01/2017	09/30/2017

Agenda Item 9(F)(ii)(a)

Helper City
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Helper City is requesting financial assistance for transmission line, well, and storage tank rehabilitation, meter replacement, and a new SCADA system. This project will address a compliance issue and scored 20.3 points on the Project Priority List.

The total project cost is estimated at $3,450,160. Helper City will be contributing $34,160 towards the project and is requesting the balance of **$3,416,000 from the Drinking Water Board**.

STAFF COMMENTS:

The MAGI for Helper City is $37,000, or 80% of the State MAGI. The current average water bill is $64.86/ERC, or 2.1% of the local MAGI. The after-project water bill at a full loan would be $100.44/ERC or 3.26% of the local MAGI.

Based on population, rural location and after-project water bill, Helper City qualifies to be considered for American Rescue Plan Act of 2021 (ARPA) grant funding.

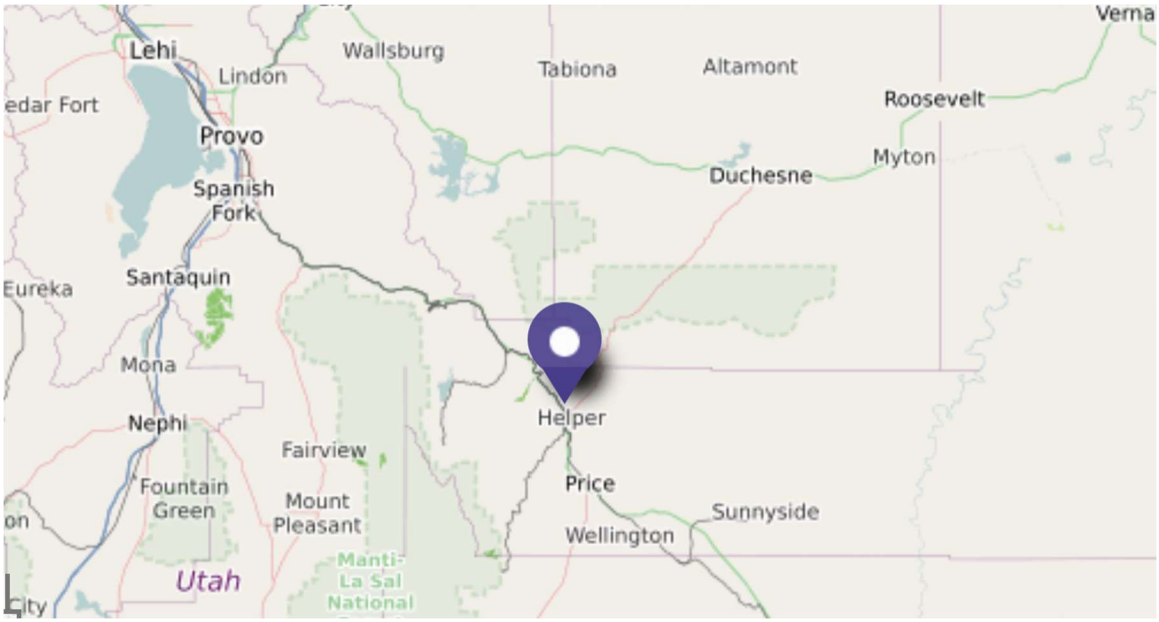
Option	Loan/ Grant	Loan	Grant	Term	Interest	Water Bill	% Local MAGI
Base	100 / 0	$3,416,000	$0	30 yrs	1.94%	$100.44	3.26%
1	100 / 0	$3,416,000	$0	30 yrs	0%	$96.97	3.14%
2	0 / 100	$0	$3,416,000	-	-	$86.38	2.80%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION

The Drinking Water Board authorize an ARPA Grant of $3,416,000 to Helper City.

APPLICANT'S LOCATION:

Helper City is located in Carbon County approximately 7 miles North of Price.



PROJECT DESCRIPTION:

2.4 miles of 8-inch HDPE transmission line from Fish Creek Springs; 3.5 miles of 10-inch C-900 PVC transmission line from Royal to Helper; rehabilitation of Colton Well; meter replacement and SCADA installation at Royal; rehabilitation of culinary water storage tanks

Transmission line will be installed along Highway 6 a few miles north of Helper, and along Price River about 12 miles northwest of Helper.

Rehabilitation of the Colton Well is necessary to maximize capacity and reliability of the water source.

Rehabilitation of the system's three water storage tanks is necessary to optimize use and reliability. This includes inspecting, sand-blasting, and painting the interior of the tanks and replacing and adjusting the cathodic protection at each tank.

Helper City recently rehabilitated Fish Creek Springs but has not been able to utilize water from the springs due to the deteriorated condition of the transmission pipeline. Also, the transmission pipeline along Highway 6 is in need of replacement.

POPULATION GROWTH:

Population growth is based on the GOMB projections

Year	Population	Connections
Current	2,159	1,124
2030	2,300	1,135
2040	2,500	1,150

IMPLEMENTATION SCHEDULE

DWB Authorization	July 2022
Begin Design	August 2022
Complete Design/DDW Plan Approval	January 2023
Advertise for Bids/Bid Opening	March 2023
Loan Closing/Begin Construction	May 2023
Complete Construction/DDW Permit	November 2024
DDW Operating Permit	December 2024

COST ESTIMATE

Legal/Bonding	$ 29,000	
Engineering – Design	$ 221,000	} *12.8%*
Engineering – CMS	$ 221,000	
Construction – Source	$ 100,000	
Construction – Transmission	$2,011,000	
Construction – Storage	$ 400,000	
Other – Meters / SCADA	$ 50,000	
Construction contingency	$ 384,000	*11%*
DDW Admin Fee	$ 34,160	
Total Project Cost	**$ 3,450,160**	

COST ALLOCATION

Funding Source	Cost Sharing	Percent of Project
Local contribution	$ 34,160	1%
ARPA Grant	$ 3,416,000	99%
Total Amount	$ 3,450,160	100%

IPS SUMMARY

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
	Total	**0**		

CONTACT INFORMATION:

APPLICANT:	Helper City 58 South Main Street Helper, Utah 84526 Telephone: 435-472-5391
PRESIDING OFFICIAL & CONTACT PERSON:	Lenise Peterman, Mayor 58 South Main Street Helper, Utah 84526 Telephone: 435-472-5391 mayor@helpercity.net
TREASURER/RECORDER:	Zack Tonc 435-472-5391 ztonc@helpercity.net
CONSULTING ENGINEER:	Lauren Ploeger Franson Civil Engineers 1276 S 820 E, ste 100 American Fork, Utah 84003 Telephone: 801-756-0309 lploeger@fransoncivil.com
BOND ATTORNEY:	Dominique Kiahtipes Law Office of Dominique Kiahtipes, PLLC 850 S Carbon Ave. - PO Box 400 Price, UT 84501 dominiquekiahtipes@gmail.com

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Helper City
FUNDING SOURCE: Federal SRF
COUNTY: Carbon
PROJECT DESCRIPTION: transmission line, well, and storage tank rehabilitation, meter replacement, SCADA

0 % Loan & 100 % P.F.

ESTIMATED POPULATION:	2,159	NO. OF CONNECTIONS:	1031 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$64.86 *			PROJECT TOTAL:	$3,450,160
CURRENT % OF AGI:	2.10%	FINANCIAL PTS:	52	LOAN AMOUNT:	$0
ESTIMATED MEDIAN AGI:	$37,000			PRINC. FORGIVE.:	$3,416,000
STATE AGI:	$46,500			TOTAL REQUEST:	$3,416,000
SYSTEM % OF STATE AGI:	80%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.01%		1.94%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	30	30		30
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.01%		1.94%
REQUIRED DEBT SERVICE:	$0.00	$0.00		$0.00
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$0.00	$0.00		$0.00
ANNUAL NEW DEBT PER CONNECTION:	$0.00	$0.00		$0.00
O & M + FUNDED DEPRECIATION:	$439,804.00	$439,804.00		$439,804.00
OTHER DEBT + COVERAGE:	$583,593.75	$583,593.75		$583,593.75
REPLACEMENT RESERVE ACCOUNT:	$45,333.95	$45,333.95		$45,333.95
ANNUAL EXPENSES PER CONNECTION:	$1,036.60	$1,036.60		$1,036.60
TOTAL SYSTEM EXPENSES	$1,068,731.70	$1,068,731.70		$1,068,731.70
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$86.38	$86.38		$86.38
% OF ADJUSTED GROSS INCOME:	2.80%	2.80%		2.80%

$0.00

Agenda Item 9(F)(ii)(b)

Uintah City
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Uintah City is requesting financial assistance to build two new 375,000-gallon water tanks with associated appurtenances.
This project scored 49.6 points on the Project Priority List.

The total project cost is $4,273,831. Uintah City has received an ARPA grant from the county in the amount of $1,750,000 and will be contributing $1,523,831 towards the project. They are requesting the balance of $1,000,000 from the Drinking Water Board.

STAFF COMMENTS:

The original estimate for the project was $3,523,831. After some discussion with the City and based on the trend of project costs increasing significantly over the past few months it was decided that the request from the Board would move forward with an increase in project cost to ensure there are sufficient funds to complete the project. If the City is able to complete the project with their contribution and the ARPA grant, they will not need the funding from the Board.

The local MAGI for the Uintah City is $64,100, which is 138% of the State MAGI. The current average water bill is $71.43/ERC, which is 1.34% of the local MAGI. The estimated after project water bill at market rate of 3.01% would be $86.23//ERC or 1.61% of the local MAGI.

Option	Loan / Grant	Principal Forgiveness	Loan	Term	Interest Rate (HGA)	Water Bill	% Local MAGI
1	100% loan	$0	$1,000,000	20 yrs	2.0%	$85.03	1.59%

RBI as of April 12, 2022 is 3.01%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

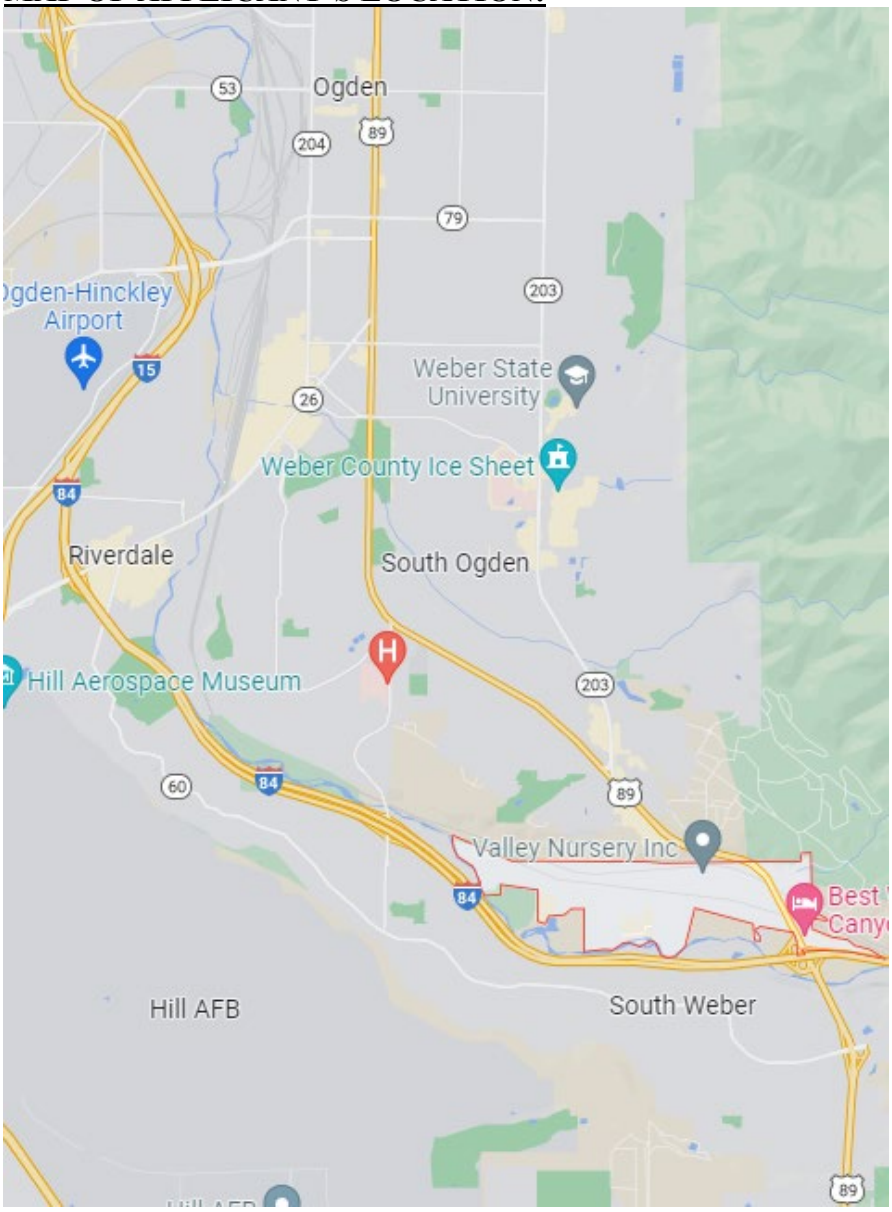
The Drinking Water Board authorize a loan of $1,000,000 at 2.0% interest/Fee for 20 years to Uintah City.

Uintah City does not have any IPS deficiency points.

APPLICANT'S LOCATION:

Uintah City is located in Weber County approximately 7 miles South of Ogden.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

Uintah City needs assistance to build two new 375,000 gallon water tanks with associated appurtenances to replace the existing deteriorating tank which has structural deficiencies and is undersized. Replacement of the tank will allow the City to correct the sizing and structural deficiencies and improve water supply to the entire city.

POPULATION GROWTH:
Population growth is based on Uintah City's estimates.

Year	Population	Connections
Current	1,439	435
2030	1,512	481
2040	1,670	531

COST ESTIMATE:

Legal/Bonding/Admin	$40,000
Engineering - Design	$300,000
Engineering - CMS	$300,000
Construction -	$2,878,256
Other SCADA, fencing, etc	$250,000
Contingency (~10%)	$495,575
1% Loan Origination Fee	$10,000
Total	**$4,273,831**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Loan (2.0 %, 20-yr)	$1,000,000	23%
ARPA grant (from county)	$1,750,000	41%
Local Contribution	$1,523,831	36%
Total	**$4,273,831**	**100%**

IMPLEMENTATION SCHEDULE:
(Estimated completion dates for major milestones – add or delete rows as needed)

DWB Funding Authorization:	June 2022
Complete Design	Nov 2021
DDW Plan Approval:	Dec 2021
Advertise for Bids:	June 2022
Bid Opening:	June 2022
Loan Closing:	Aug 2022
Begin Construction:	July 2022
Complete Construction:	Dec 2022

IPS SUMMARY:

Uintah City does not have any IPS points

CONTACT INFORMATION:

APPLICANT:	Uintah City 2191 east 6550 South Uintah, Utah 84405 Telephone: 801-388-3558 uintahcity@uintahcity.com
PRESIDING OFFICIAL & CONTACT PERSON:	Kristi Bell 2191 east 6550 South Uintah, Utah 84405 Telephone: 435-757-2444 cckristibell@gmail.com
TREASURER/RECORDER:	Mike Ulrich 801-479-4130
CONSULTING ENGINEER:	Matt Hartvigsen Jones and Associates 6080 Fashion Point Drive South Ogden, Utah 84404 Telephone: 801-391-5711 matth@jonescivil.com
CITY ATTORNEY:	David Wilson Wilson and Wilson PLLC Telephone: 801-430-5387 wilsonandwilsonpllc@gmail.com

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Uintah City
COUNTY: Weber
PROJECT DESCRIPTION: 2 new concrete tanks

FUNDING SOURCE: Federal SRF

100 % Loan & 0 % P.F.

ESTIMATED POPULATION:	1,439	NO. OF CONNECTIONS:	489 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$71.43 *			PROJECT TOTAL:	$4,273,831
CURRENT % OF AGI:	1.34%	FINANCIAL PTS:	40	LOAN AMOUNT:	$1,000,000
ESTIMATED MEDIAN AGI:	$64,100			PRINC. FORGIVE.:	$0
STATE AGI:	$46,500			TOTAL REQUEST:	$1,000,000
SYSTEM % OF STATE AGI:	138%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 3.01%		AFTER REPAYMENT PENALTY & POINTS 2.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	20	20		20
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.01%		2.00%
REQUIRED DEBT SERVICE:	$50,000.00	$67,277.87		$61,156.72
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$5,000.00	$6,727.79		$6,115.67
ANNUAL NEW DEBT PER CONNECTION:	$112.47	$151.34		$137.57
O & M + FUNDED DEPRECIATION:	$408,222.00	$408,222.00		$408,222.00
OTHER DEBT + COVERAGE:	$0.00	$0.00		$0.00
REPLACEMENT RESERVE ACCOUNT:	$22,911.10	$23,774.99		$23,468.94
ANNUAL EXPENSES PER CONNECTION:	$881.66	$883.43		$882.80
TOTAL SYSTEM EXPENSES	$486,133.10	$506,002.65		$498,963.33
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$82.84	$86.23		$85.03
% OF ADJUSTED GROSS INCOME:	1.55%	1.61%		1.59%

$0.00

Agenda Item 9(F)(ii)(c)

Timber Lakes Water SSD
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST

Timber Lakes is requesting financial assistance to install new master meters, upgrade existing distribution lines, redevelop their existing spring, develop two additional springs with a spring pump station, and a 100k-gallon tank. This project will address a compliance issue and scored 42.6 points on the Project Priority List.

The total project cost is estimated at $3,295,630. Timber Lakes will be contributing $32,630 towards the project and is requesting the balance of **$3,263,000 from the Drinking Water Board**.

STAFF COMMENTS

The MAGI for Heber City, which is adjacent to Timber Lakes is $51,000, which is 110% of the State MAGI. The current average water bill is $94.71/ERC, which is 2.15% of the local MAGI. The after-project water bill at a full loan would be $169.85/ERC or 4.00% of the local MAGI. Based on the current and after project water bill, Timber Lakes does qualify for subsidy.

Option	Loan/ PF	Loan	Principal Forgiveness	Term	Interest	Water Bill	% Local MAGI
Base	100 / 0	$3,263,000	$0	30 yrs	2.64%	$169.85	4.00%
1	100 / 0	$3,263,000	$0	30 yrs	0%	$164.76	3.88%
2	100 / 0	$3,263,000	$0	40 yrs	0%	$161.99	3.81%
3	50 / 50	$1,631,000	$1,632,000	40 yrs	0%	$157.84	3.71%
4	0 / 100	$0	$3,263,000	-	-	$153.69	3.62%

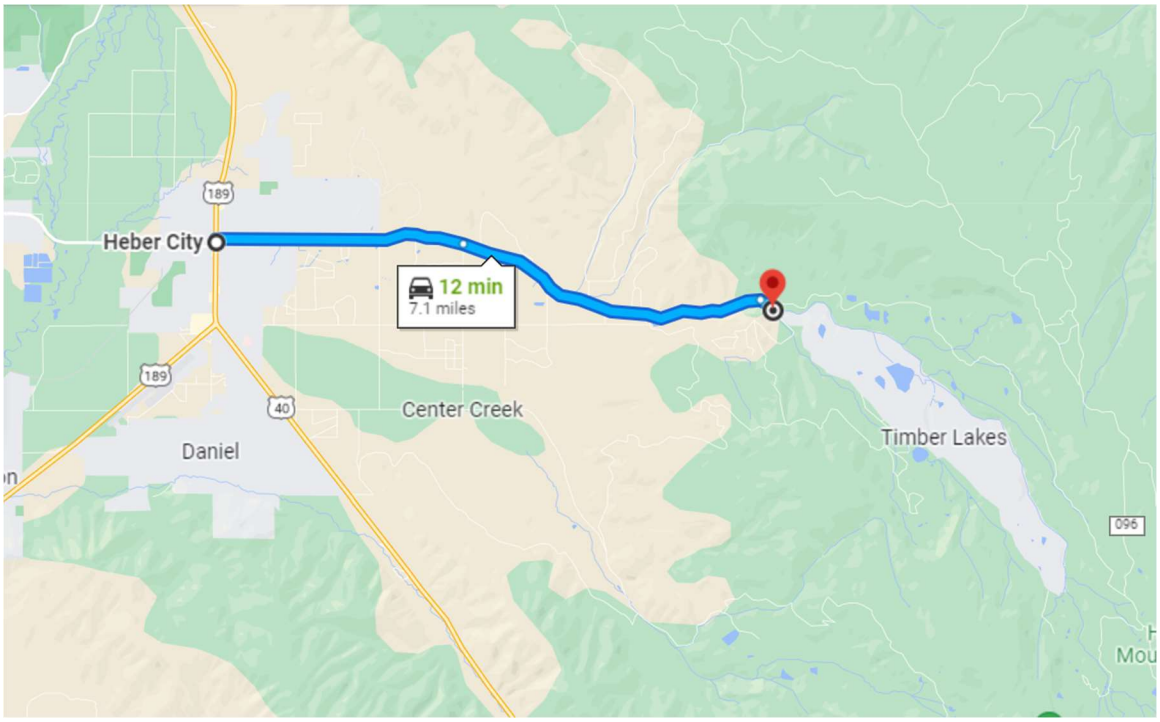
FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION

The Drinking Water Board authorize a loan of $3,263,000 for 30 years at 0% interest to Timber Lakes Water Special Service District.

Conditions include that they resolve all issues on their compliance report.

APPLICANT'S LOCATION

Timber Lakes is located in a mountainous area approximately 7 miles east of Heber City in Wasatch County.



PROJECT DESCRIPTION

The proposed project includes: 4 new master meters; Additional telemetry; 750 ft of 6-inch pipe; 6,000 ft of 8-in pipe; 2,000 ft of 10-in pipe; 2,700 ft of 12-inch pipe; Dig up and bury pipes deeper to avoid freezing in the winter; Redevelop one spring; Develop two additional springs; Develop a fourth spring with a pump station and about 1,500 feet of pipe to bring spring water to a usable elevation; 100,000 gallon water tank to utilize an existing spring and pump station; Perform water rights inventory and fix points of diversion if necessary.

TLWSSD would like to develop two new springs; a new spring on the north western side of the establishment to service the western side of the district and a spring on the southern side to add redundancy. On the northern side, a pumping station and about 1,500 feet of pipe will need to be installed to bring the water at this spring to a usable elevation. This area is currently supplied by springs on the south eastern side. If the pipeline conveying water to the western part of the community is compromised, the entire western area will not have access to water. Hence, this new spring will add some redundancy to the system as well as help reduce issues related to conveyance of the water over longer distances. The development and redevelopment of additional springs on the southern side will also add redundancy to the system and help fulfill peak demands in the summer. Additional related project components at the spring sites will include manholes, pipes, geomembranes, measurement boxes.

POPULATION GROWTH

Projected population and connections for Timber Lakes is based on a 2.79% growth rate estimated in the SRF application:

Year	Population	Connections
2022	635	942
2042	1,100	1,245

IMPLEMENTATION SCHEDULE

DWB Authorization	July 2022
Begin Design	July 2022
Complete Design/DDW Plan Approval	January 2023
Advertise for Bids/Bid Opening	March 2023
Loan Closing/Begin Construction	April 2023
Complete Construction/DDW Permit	September 2024
DDW Operating Permit	October 2024

COST ESTIMATE

Legal/Bonding	$ 24,000	
Water Rights	$ 25,000	
Rights of Way & Easements	$ 20,000	
Engineering – Planning	$ 56,000	
Engineering – Design/Permitting	$ 194,000	} *13%*
Engineering – CMS	$ 167,000	
Construction – Source	$ 600,000	
Construction – Transmission/Dist.	$1,074,000	
Construction – Storage	$ 216,000	
Construction – Pump Station	$ 165,000	
Other – w pump line, meters, telemetry	$ 360,000	
Construction contingency	$ 362,000	*11%*
DDW Admin Fee	$ 32,630	
Total Project Cost	**$ 3,295,630**	

COST ALLOCATION

Funding Source	Cost Sharing	Percent of Project
Local contribution	$ 32,630	1%
DWB Loan (30 yrs, 0%)	$ 3,263,000	99%
Total Amount	$ 3,295,630	100%

IPS SUMMARY

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
S091	SYSTEM LACKS UP TO 20% OF REQUIRED SOURCE CAPACITY	15		
	Total	**15**		

CONTACT INFORMATION

APPLICANT:	Timber Lakes Water Special Service District PO Box 579 Heber City, UT 84032-0579 (385) 450-0750
PRESIDING OFFICIAL & CONTACT PERSON:	Jody Defa General Manager PO Box 579 Heber City, UT 84032-0579 (385) 450-0750 jodydefa@msn.com
TREASURER/RECORDER:	Mike Wheelwright (801) 254-9718
CONSULTING ENGINEER	Vince Hogge Franson Civil Engineers 1276 South 820 East, Ste 100 American Fork, UT 84003 (801) 756-0309 vhogge@fransoncivil.com
BOND ATTORNEY:	Darci Stephens Gilmore & Bell, P.C. 15 West South Temple, Ste 1450 Salt Lake City, UT 84101 (801) 258-2728 dstephens@gillmorebell.com

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Timber Lakes Water Special Service District
FUNDING SOURCE: Federal SRF
COUNTY: Wasatch
PROJECT DESCRIPTION: Meters, distibution, spring, tank

100 % Loan & 0 % P.F.

ESTIMATED POPULATION:	635	ERC CONNECTIONS:	942 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$94.71 *			PROJECT TOTAL:	$3,295,630
CURRENT % OF AGI:	2.23%	FINANCIAL PTS:	29	LOAN AMOUNT:	$3,263,000
ESTIMATED MEDIAN AGI:	$51,000			PRINC. FORGIVE.:	$0
STATE AGI:	$46,500			TOTAL REQUEST:	$3,263,000
SYSTEM % OF STATE AGI:	110%				

	@ ZERO % RATE 0%	@ RBBI MKT RATE 3.01%		AFTER REPAYMENT PENALTY & POINTS 0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	30	30		30
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.01%		0.00%
REQUIRED DEBT SERVICE:	$108,766.67	$166,691.11		$108,766.67
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$10,876.67	$16,669.11		$10,876.67
ANNUAL NEW DEBT PER CONNECTION:	$127.01	$194.65		$127.01
O & M + FUNDED DEPRECIATION:	$1,082,691.00	$1,082,691.00		$1,082,691.00
OTHER DEBT + COVERAGE:	$577,393.75	$577,393.75		$577,393.75
REPLACEMENT RESERVE ACCOUNT:	$82,668.63	$85,564.86		$82,668.63
ANNUAL EXPENSES PER CONNECTION:	$1,850.06	$1,853.13		$1,850.06
TOTAL SYSTEM EXPENSES	$1,862,396.72	$1,929,009.82		$1,862,396.72
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$164.76	$170.65		$164.76
% OF ADJUSTED GROSS INCOME:	3.88%	4.02%		3.88%

$0.00

Agenda Item 9(F)(iii)(a)

Price Municipal Corporation
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Price Municipal Corporation is requesting financial assistance for a planning project that will encompass two parts for their water system. The system has a 90-year-old pipeline with significant leaks that is approximately 12 miles in length. This needs to be planned and mapped with existing utilities before replacement. They also need to update their plan for water treatment in order to address harmful algal blooms and aging equipment of the existing facility.

The total planning project will cost $280,000. Price Municipal Corporation is contributing $40,000 and they are seeking $140,000 from the Utah Community Impact Board (CIB). They are requesting $100,000 from the Drinking Water Board towards the plan.

STAFF COMMENTS:

The local MAGI for Price Municipal Corporation is $37,200, which is 80% of the State MAGI. The current average water bill is $22.03/ERC, which is 0.71% of the local MAGI. Due to the low asking cost of $100,000 from the Drinking Water Board, staff is recommending a grant.

Option	Loan / Grant	Grant	Loan	Term	Interest Rate	Water Bill	% Local MAGI
1	100% Grant	$100,000	0	n/a	n/a	n/a	n/a

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize a planning grant of $100,000 to Price Municipal Corporation.

APPLICANT'S LOCATION:

Price Municipal Corporation is located in Carbon County approximately 75.5 miles southeast of Provo.

MAP OF APPLICANT'S LOCATION:

PROJECT DESCRIPTION:

The planning effort will include two parts:

1. The water system includes a 90-year-old pipeline that runs approximately 12 miles in length. Significant leakage has been identified which puts the pipeline in a high risk of failure. A condition assessment of the pipeline is necessary to determine its remaining life expectancy and the extent to which rehabilitation or replacement is required. This assessment consists of mapping the existing utilities through record review and field locating, visual inspections, cleaning, leak detection surveys, and wall thickness testing.

2. The Price City Water Treatment Plant needs to update its plant to address harmful algal blooms, an emerging contaminate, and is seeking funding to develop a facility plan to document the condition of the existing facility, identify aging equipment that needs to be replaced, and develop or refine an asset management database. The planning effort will also include a preliminary assessment of any environmental issues, a review of the existing water rights, the capacity development, and consultation with the Department of Drinking Water's Treatment Specialists. Price City has a Water Conservation Plan (2021), an Emergency Response Plan (2021), and a Risk Assessment (2021).

POPULATION GROWTH:

Utilized projections from the U of U Kem C. Gardner Policy Institute - February 2022.

Year	Population	Connections
2020	8,500	4,809
2030	8,700	4,912
2040	8,800	4,960

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Grant	$100,000	36%
CIB	$140,000	50%
Local Contribution	$40,000	14%
Total	**$280,000**	**100%**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Plan:	Dec 2023

CONTACT INFORMATION:

APPLICANT:	Price Municipal Corporation 432 West 600 South Price, UT 84501 435-637-5010 milesn@priceutah.net
PRESIDING OFFICIAL & CONTACT PERSON:	Miles Nelson Public Works Director 432 West 600 South Price, UT 84501 435-637-5010 milesn@priceutah.net
TREASURER/RECORDER:	Jaci Adams 435-636-3183 jacia@priceutah.net
CONSULTING ENGINEER:	Marie Owens AE2S 3400 North Ashton Blvd Ste 105 Lehi, UT 84043 801-331-8489 marie.owens@ae2s.com
BOND ATTORNEY:	

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Price Municipal Corporation FUNDING SOURCE: Federal SRF
COUNTY: Carbon
PROJECT DESCRIPTION: Plan for water line replacement & updating water treatment plant

0 % Loan & 100 % P.F.

ESTIMATED POPULATION:	8,500	NO. OF CONNECTIONS:	8224 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$22.03 *			PROJECT TOTAL:	$280,000
CURRENT % OF AGI:	0.71%	FINANCIAL PTS:	59	LOAN AMOUNT:	$0
ESTIMATED MEDIAN AGI:	$37,200			PRINC. FORGIVE.:	$100,000
STATE AGI:	$46,500			TOTAL REQUEST:	$100,000
SYSTEM % OF STATE AGI:	80%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.62%		0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	5	5		5
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.62%		0.00%
REQUIRED DEBT SERVICE:	$0.00	$0.00		$0.00
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$0.00	$0.00		$0.00
ANNUAL NEW DEBT PER CONNECTION:	$0.00	$0.00		$0.00
O & M + FUNDED DEPRECIATION:	$1,240,573.00	$1,240,573.00		$1,240,573.00
OTHER DEBT + COVERAGE:	$862,180.00	$862,180.00		$862,180.00
REPLACEMENT RESERVE ACCOUNT:	$96,515.85	$96,515.85		$96,515.85
ANNUAL EXPENSES PER CONNECTION:	$267.42	$267.42		$267.42
TOTAL SYSTEM EXPENSES	$2,199,268.85	$2,199,268.85		$2,199,268.85
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$22.29	$22.29		$22.29
% OF ADJUSTED GROSS INCOME:	0.72%	0.72%		0.72%

$0.00

Agenda Item 9(F)(iii)(b)

Fruitland Special Service District
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Fruitland Special Service District (SSD) is requesting financial assistance to re-develop the Mill Hollow Upper Spring.

The total project cost is $289,769 and Fruitland SSD is contributing $2,869 towards the project. They are requesting the balance of $286,900 from the Drinking Water Board.

STAFF COMMENTS:

The local MAGI for Fruitland SSD is $40,200, which is 86% of the State MAGI. The current average water bill is $51.61/ERC, which is 1.54% of the local MAGI. The estimated after project water bill at full loan would be $55.80/ERC or 1.67% of the local MAGI.

Option	Loan / Grant	Grant	Loan	Term	Interest Rate	Water Bill	% Local MAGI
1	100% Loan	$0	$287,000	30 yrs	2.64%	$55.80	1.67%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

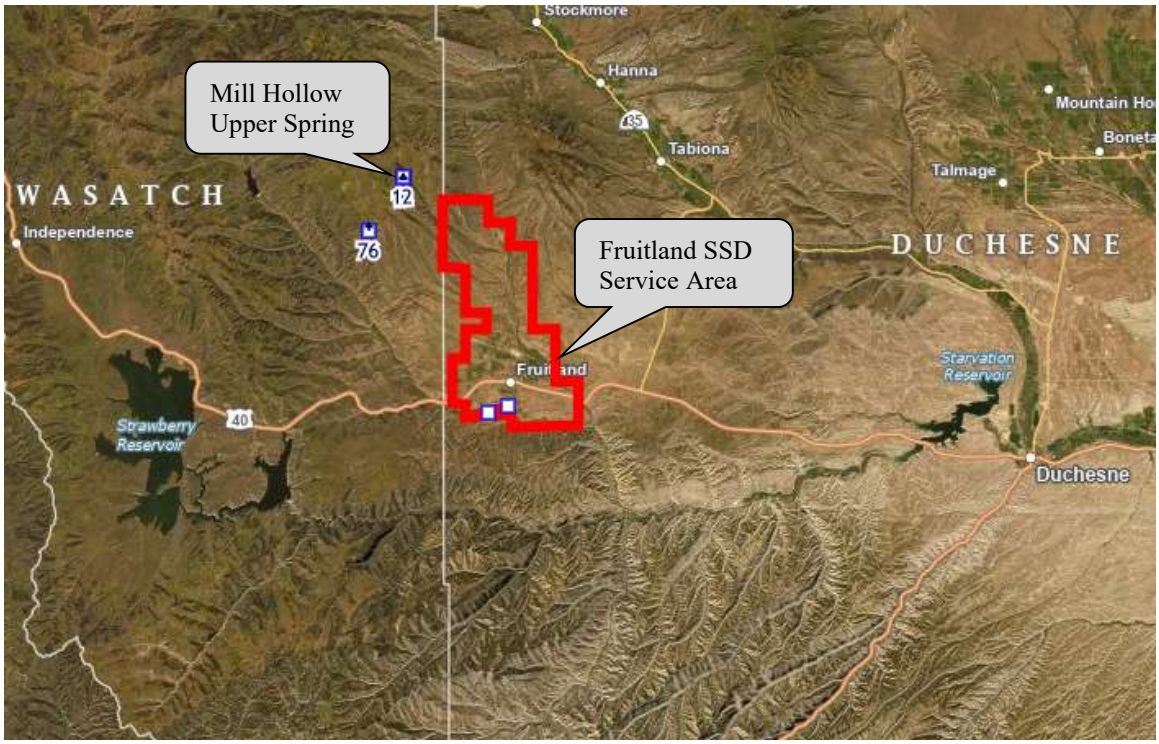
The Drinking Water Board authorize a construction loan of $287,000 at 2.64% for 30 years to Fruitland SSD.

Fruitland SSD does not have any IPS points.

APPLICANT'S LOCATION:

Fruitland SSD is located in Duchesne County approximately 24.5 miles West of Duchesne.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

The Mill Hollow Upper Spring is in Wasatch County approximately 10 miles northwest from Fruitland. The spring is on private property, but the district has an easement for access and use of the spring.

This project is directly related to one of the main sources of culinary drinking water for Fruitland SSD. They are trying to avoid the need to begin chlorinating their system. Historically they have had clean, quality water from their springs and hope to continue that in the future. This project aims to redevelop the spring that has had water quality test issues, allowing Fruitland SSD to keep serving customers without needing to chlorinate the system.

POPULATION GROWTH:

Fruitland is hard to estimate. The area has historically seen low population and connection growth. Recently, growth has increased exponentially with the number of connections. It is still unclear how many full-time residents will remain based on connection numbers, but they currently have 200 full-time residents.

It is anticipated that several small subdivisions will be developed in the future having a minimal impact on the water distribution system. The biggest concern for the district right now is making sure they have adequate source supply. The district is working on converting some water rights to culinary use, but once those are converted, either a new well will need to be drilled or a treatment facility will need to be placed near the Reservoir.

Year	Population	Connections
2020	430	510
2030	775	605
2040	1150	719

COST ESTIMATE:

Legal/Bonding/Admin	$12,000
Engineering – Design/Survey	$31,000
Engineering - CMS	$20,000
Construction -	$179,100
Contingency (~25.01%)	$44,800
1% Loan Origination Fee	$2,869
Total	**$289,769**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Loan (2.64%, 30-yr)	$286,900	99%
Local Contribution	$2,869	1%
Total	**$289,769**	

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Design	Dec 2022
DDW Plan Approval:	Jan 2023
Advertise for Bids:	Feb 2023
Bid Opening:	March 2023
Loan Closing:	April 2023
Begin Construction:	April 2023
Complete Construction:	June 2023

CONTACT INFORMATION:

APPLICANT:	Fruitland Special Service District 6186 South 45000 West HC 63 Box 270130 Fruitland, UT 84027 435-548-2399 fssd@ubtanet.com
PRESIDING OFFICIAL & CONTACT PERSON:	Bonner Hardegee, Chairman 6186 South 45000 West HC 63 Box 270130 Fruitland, UT 84027 435-548-2399 shamanbonner@gmail.com
TREASURER/RECORDER:	Vicki Savage vicki4747@hotmail.com
CONSULTING ENGINEER:	Jeffrey Baker Jones & Demille Engineering 520 West Highway 40 Roosevelt, UT 84066 435-722-8267 jeff.b@jonesanddemille.com
BOND ATTORNEY:	Smith Hartvigsen 257 East 200 South #500 Salt Lake City, UT 84111 801-413-1600

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Fruitland Special Service District Culinary Water System
FUNDING SOURCE: Federal SRF
COUNTY: Wasatch
PROJECT DESCRIPTION: Redevelopment of Mill Hollow Upper Spring

100 % Loan & 0 % P.F.

ESTIMATED POPULATION:	200	NO. OF CONNECTIONS:	515 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$51.61 *			PROJECT TOTAL:	$289,869
CURRENT % OF AGI:	1.54%	FINANCIAL PTS:	41	LOAN AMOUNT:	$287,000
ESTIMATED MEDIAN AGI:	$40,200			PRINC. FORGIVE.:	$0
STATE AGI:	$46,500			TOTAL REQUEST:	$287,000
SYSTEM % OF STATE AGI:	86%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.62%		2.64%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	30	30		30
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.62%		2.64%
REQUIRED DEBT SERVICE:	$9,566.67	$15,840.06		$13,969.43
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$956.67	$1,584.01		$1,396.94
ANNUAL NEW DEBT PER CONNECTION:	$20.43	$33.83		$29.84
O & M + FUNDED DEPRECIATION:	$280,090.00	$280,090.00		$280,090.00
OTHER DEBT + COVERAGE:	$33,327.50	$33,327.50		$33,327.50
REPLACEMENT RESERVE ACCOUNT:	$15,815.93	$16,129.60		$16,036.07
ANNUAL EXPENSES PER CONNECTION:	$639.29	$639.90		$639.72
TOTAL SYSTEM EXPENSES	$339,756.77	$346,971.17		$344,819.94
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$54.98	$56.14		$55.80
% OF ADJUSTED GROSS INCOME:	1.64%	1.68%		1.67%

$0.00

Agenda Item 9(F)(iv)(a)

Hanna Water and Sewer District
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Hanna Water and Sewer District is requesting financial assistance to construct a 200,000 gallon concrete tank, a booster pump station, 4,500 feet of 12-inch distribution line, Duchesne River crossing and 10,100 feet of 8-inch distribution line.

Hanna scored 29.0 points on the Project Priority List.

The total project cost is $3,483,838 and they are requesting the full amount from the Board.

STAFF COMMENTS:

The local MAGI for Hanna is $30,100, which is 65% of the State MAGI. The current average water bill is $53.64/ERC, which is 2.14% of the local MAGI. The estimated after project water bill at full loan would be $116.62/ERC or 4.65% of the local MAGI. Based on MAGI and average monthly water bill, Hanna Water and Sewer qualifies to be considered for additional subsidy.

Option	Loan / Grant	Principal Forgiveness	Loan	Term	Interest Rate (HGA)	Water Bill	% Local MAGI
1	100% loan	$0	#3,483,838	40 yrs	0%	$116.62	4.65%
2	50/50	$1,743,838	$1,740,000	40 yrs	0%	$101.76	4.06%
3	25/75	$2,623,838	$860,000	40 yrs	0%	$94.25	3.76%
4	100% PF	$3,483,838	$0			$86.92	3.47%

FIANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

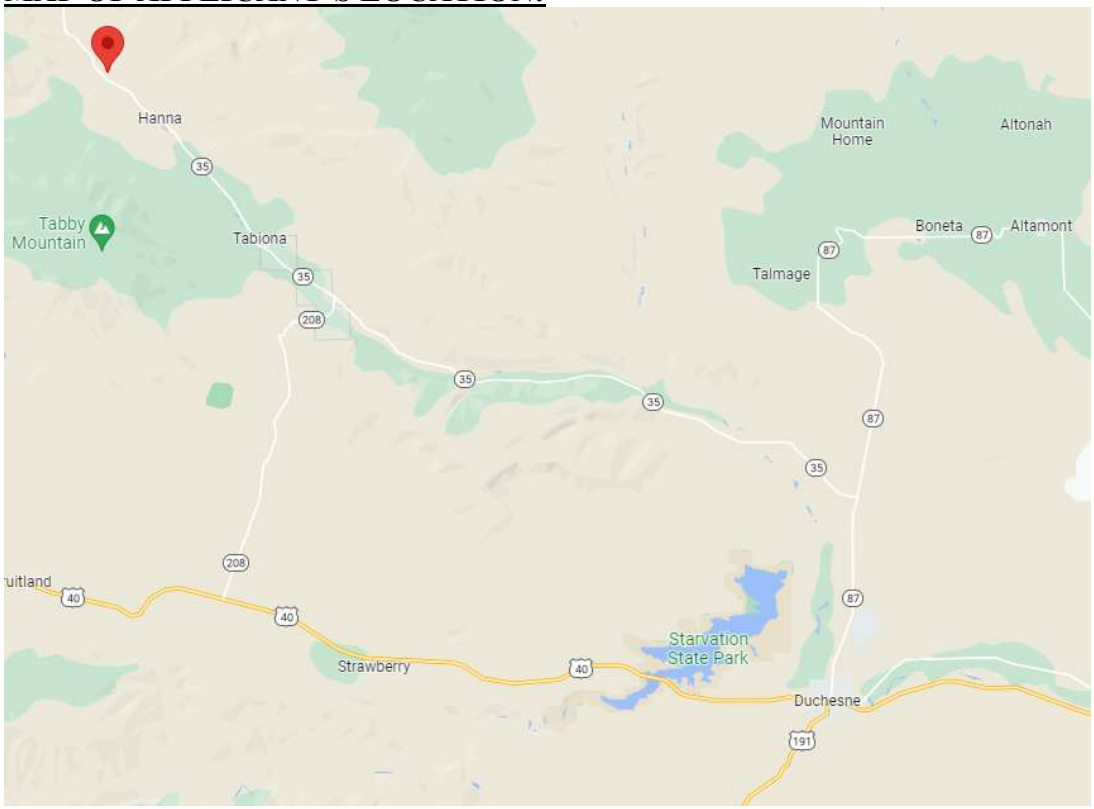
The Drinking Water Board authorize a construction loan of $3,483,838 with $2,623,838 in principal forgiveness to Hanna Water and Sewer District for a repayable loan amount of $860,000 at 0% for 40 years.

Conditions include they resolve all points on their IPS report.

APPLICANT'S LOCATION:

Hanna Water and Sewer District is located in Duchesne County approximately 32 miles Northwest of Duchesne.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

Hanna Water and Sewer District needs to construct a 200,000 gallon concrete tank, a booster pump station, 4,500 feet of 12-inch distribution line, Duchesne River crossing and 10,100 feet of 8-inch distribution line. The district's boundary encompasses all of the valley with the exception of Tabiona Town. There are several individual homes on their own wells that want to connect to Hanna Water.

This project will not only provide water to residents requesting to be added but will also improve the water system by providing adequate pressure and fire suppression to many locations.

POPULATION GROWTH:

Population projections are based on the number of connections with the assumption of 3.2 residents per connection and the district's guess for growth in connections.

Year	Population	Connections
Current	742	245
2030	815	259
2040	903	287

COST ESTIMATE:

Legal/Bonding/Admin	$20,000
Engineering - Design	$182,000
Engineering - CMS	$228,000
Construction -Dist lines	$1,821,000
Construction – tank, pump station	$1,061,000
Contingency (~10%)	$171,838
1% Loan Origination Fee	Moved to contingency
Total	**$3,483,838**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Loan (0%, 40-yr)	$860,000	25%
DWB Grant	$2,623,838	75%
Total	**$3,483,838**	**100%**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Design	Feb 2023
DDW Plan Approval:	Mar 2023
Advertise for Bids:	April 2023
Bid Opening:	April 2023
Loan Closing:	April 2023
Begin Construction:	May 2023
Complete Construction:	Oct 2023

IPS SUMMARY:

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
M007	CCC-LACKS ON-GOING ENFORCEMENT IMPLEMENTATION	15		
M004	CCC-NO ANNUAL PUBLIC EDUCATION OR AWARENESS	15		
M006	CCC-LACKS WRITTEN RECORDS OF CCC ACTIVITIES	15		
TG03	SOLUTION TANKS AND CHEMICAL REFILL LINES NOT LABELED on TP003	15		
	Total =	**60**		

CONTACT INFORMATION:

APPLICANT:	Hanna Water and Sewer District PO Box 465 Tabiona, Utah 84072 Telephone: 801-721-2086
PRESIDING OFFICIAL & CONTACT PERSON:	Cecil Roberts, Chairman PO Box 465 Tabiona, Utah 84072 Telephone: 801-721-2086 Sroberts848@gmail.com
TREASURER/RECORDER:	
CONSULTING ENGINEER:	Chuck Richens Horrocks Engineers 728 West 100 South Heber City, Utah 84032 Telephone: 435-654-2226 chuckr@horrocks.com
BOND ATTORNEY:	

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Hanna
COUNTY: Duchesne
PROJECT DESCRIPTION: Tank, booster pump, dist line

FUNDING SOURCE: Federal SRF

25 % Loan & 75 % P.F.

ESTIMATED POPULATION:	742	NO. OF CONNECTIONS:	281 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$53.64 *			PROJECT TOTAL:	$3,483,838
CURRENT % OF AGI:	2.14%	FINANCIAL PTS:	51	LOAN AMOUNT:	$860,000
ESTIMATED MEDIAN AGI:	$30,100			PRINC. FORGIVE.:	$2,623,838
STATE AGI:	$46,500			TOTAL REQUEST:	$3,483,838
SYSTEM % OF STATE AGI:	65%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.82%		0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	40	40		40
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.82%		0.00%
REQUIRED DEBT SERVICE:	$21,500.00	$42,293.27		$21,500.00
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$2,150.00	$4,229.33		$2,150.00
ANNUAL NEW DEBT PER CONNECTION:	$84.16	$165.56		$84.16
O & M + FUNDED DEPRECIATION:	$156,232.00	$156,232.00		$156,232.00
OTHER DEBT + COVERAGE:	$124,091.25	$124,091.25		$124,091.25
REPLACEMENT RESERVE ACCOUNT:	$13,850.25	$14,889.91		$13,850.25
ANNUAL EXPENSES PER CONNECTION:	$1,046.88	$1,050.58		$1,046.88
TOTAL SYSTEM EXPENSES	$317,823.50	$341,735.76		$317,823.50
TAX REVENUE:	$7,118.00	$7,118.00		$7,118.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$94.25	$101.35		$94.25
% OF ADJUSTED GROSS INCOME:	3.76%	4.04%		3.76%

$0.00

Agenda Item 9(F)(iv)(b)

Ballard Water Improvement District
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT"S REQUEST:

Ballard Water Improvement District is proposing to install an 800,000-gallon concrete water tank, new well, 3.5 miles of 12" transmission line from the new well and tank location, and replacing undersized water lines. This project scored 55.9 points on the Project Priority List. The total project cost is estimated to be $7,287,000 and the District will be contributing $187,000 towards this project. They are requesting the remaining balance from the Drinking Water Board.

STAFF COMMENTS:

The local MAGI for the Ballard area is $44,100, or 95% of the State MAGI. The current average water bill is $100.57/ERC, which is 2.74% of the local MAGI. The estimated after-project water bill at a full loan would be $154.67/ERC or 4.21% of the local MAGI.

Option	Loan / PF	Principal Forgiveness	Loan	Term	Interest	Water Bill	% Local MAGI
BASE	100 / 0	$0	$7,100,000	30	2.83%	$154.67	4.21%
2	50 / 50	$3,500,000	$3,600,000	40	0%	$108.61	2.96%
3	100 / 0	$7,100.000	$0	-	-	$92.93	2.53%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

The Drinking Water Board authorize a construction loan of $7,100,00 with $3,500,000 principal forgiveness for a total repayable amount of $3,600,000 at 0% interest for 40 years to Ballard Water Improvement District.

Additionally, the Board authorize a release of up to $192,000 from principal forgiveness for planning and engineering design.

APPLICANT'S LOCATION:

Ballard Water Improvement District is located in Uintah County approximately 28 miles West from Vernal, UT.

PROJECT DESCRIPTION:

Ballard Water Improvement District currently receives water from the Ute Indian Tribe. There is a current project under construction which will connect BWID system to Roosevelt City's system. This connection could serve some of BWID customers, but not all. A new well would give BWID their own source, allowing them to have consistent, reliable water to deliver to their customers. The Roosevelt City option is somewhat cost-prohibitive, and rates would have to be increased even further to accommodate this source, as well as a booster pump station required if this source was intended to serve the northern area of the Ballard system.

This project includes the construction of an 800,000 gallon water tank which will help increase the storage to accommodate fire suppression requirements and overall system demands. BWID is currently slightly deficient on available storage for fire flows. This deficit is due to one large, stick built hotel. This tank would allow BWID to meet fire flow storage volumes as well as projected 20-year growth. There is also a current portion of the system that is above BWID's highest tank. When source issues arise from the Ute Tribe Water System, these customers experience major water reliability issues. The new tank is planned to be placed high enough that adequate pressures could be maintained in the system with the new tank nearly empty.

The approximately 3.5 miles of transmission/distribution line will run from the proposed well/tank location and tie into the existing BWID system. It also replaces approximately 4,000 feet of existing undersized (4 and 6 inch) line. This replacement will increase available fire flows for the area as well as reduce major head loss through this stretch of pipe during higher demand.

BWID would likely plan to chlorinate the water produced by the proposed well. Water quality testing would occur as part of the project to determine what treatment is necessary.

POPULATION GROWTH:

Year	Population	Connections
2020	1,058	550
2030	1,195	621
2040	1,608	836

COST ESTIMATE:

Legal/Bonding/Admin	$85,000
Engineering - Design	$268,000
Engineering - CMS	$374,000
Construction - Tank	$1,500,000
Construction - Source	$1,200,000
Construction - Transmission	$1,680,000
Construction - Other	$534,000
Mobilization/TC/ROW	$507,000
Contingency (~20%)	$1,068,000
1% Loan Origination Fee (add to contingency)	$71,000
Total	**$7,287,000**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Loan (0 %, 40yr)	$3,600,000	50%
DWB Principal Forgiveness	$3,500,000	50%
Local Contribution	$187,000	<1%
Total	**$7,287,000**	**100%**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Design	Feb 2023
DDW Plan Approval:	Feb 2023
Advertise for Bids:	Mar 2023
Bid Opening:	April 2023
Loan Closing:	April 2023
Begin Construction:	May 2023
Complete Construction:	Oct 2023

CONTACT INFORMATION:

APPLICANT:	Ballard Water Improvement District 2381 E 1000 S Ballard, UT 84066 435-722-3393 kmeyers@ballardcity.org
PRESIDING OFFICIAL & CONTACT PERSON:	Mark Reidhead, Chairman 2381 E 1000 S Ballard, UT 84066 mreidhead@ballardcity.org
TREASURER/RECORDER:	Kaelyn Meyers kmeyers@ballardcity.org
CONSULTING ENGINEER:	Jeffrey Baker Jones & DeMille Engineering 520 West Highway 40 435-722-8267 jeff.b@jonesanddemille.com
BOND ATTORNEY:	Eric Johnson Johnson, Patterson & Yellowhorse P.O. Box 831 Pleasant Grove, UT 84062 801-895-4364 eric@publicprivatelaw.com

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Ballard WID
FUNDING SOURCE: Federal SRF
COUNTY: Uintah
PROJECT DESCRIPTION: 800,000 gal concrete water tank; 3.5 miles of 12" transmission line; New well, chlorination if necessary

51 % Loan & 49 % P.F.

ESTIMATED POPULATION:	1,367	NO. OF CONNECTIONS:	550 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$100.57 *			PROJECT TOTAL:	$7,287,000
CURRENT % OF AGI:	2.74%	FINANCIAL PTS:	39	LOAN AMOUNT:	$3,600,000
ESTIMATED MEDIAN AGI:	$44,100			PRINC. FORGIVE.:	$3,500,000
STATE AGI:	$46,500			TOTAL REQUEST:	$7,100,000
SYSTEM % OF STATE AGI:	95%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.82%		0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	40	40		40
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.82%		0.00%
REQUIRED DEBT SERVICE:	$90,000.00	$177,041.58		$90,000.00
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$9,000.00	$17,704.16		$9,000.00
ANNUAL NEW DEBT PER CONNECTION:	$180.00	$354.08		$180.00
O & M + FUNDED DEPRECIATION:	$537,983.00	$537,983.00		$537,983.00
OTHER DEBT + COVERAGE:	$38,750.00	$38,750.00		$38,750.00
REPLACEMENT RESERVE ACCOUNT:	$41,116.35	$45,468.43		$41,116.35
ANNUAL EXPENSES PER CONNECTION:	$1,123.36	$1,131.28		$1,123.36
TOTAL SYSTEM EXPENSES	$716,849.35	$816,947.17		$716,849.35
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$108.61	$123.78		$108.61
% OF ADJUSTED GROSS INCOME:	2.96%	3.37%		2.96%

$0.00

Agenda Item 9(F)(iv)(c)

Leeds Domestic Water Users Association
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Leeds Domestic Water Users Association is requesting financial assistance to drill a new well as a redundant source and install a chlorinator. Install an altitude control valve and vault to control overflow. Replace 4,500 feet of aging and failing water main and remove and replace transmission line from the spring to the storage location.

This project scored 28 points on the Project Priority List.

The total project cost is $7,524,500. Leeds Domestic WUA is contributing $5,000 towards the project and is requesting the balance from the Drinking Water Board.

STAFF COMMENTS:

The local MAGI for the Leeds Domestic Water Users Association is $41,400, which is 89% of the State MAGI. The current average water bill is $58.88/ERC, which is 1.71% of the local MAGI. The estimated after project water bill at full loan at 0% interest for 40 years would be $107.87/ERC or 3.13% of the local MAGI. Based on MAGI and average monthly water bill, Leeds DWUA qualifies to be considered for additional subsidy.

Option	Loan / Grant	Principal Forgiveness	Loan	Term	Interest Rate (HGA)	Water Bill	% Local MAGI
Base	100% loan	$0	$7,519,500	40 yrs	0%	$107.87	3.13%
1	53/47	$3,499,500	$4,020,000	20 yrs	0%	$111.05	3.22%
2	53/47	$3,499,500	$4,020,000	40 yrs	0%	$87.53	2.54%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

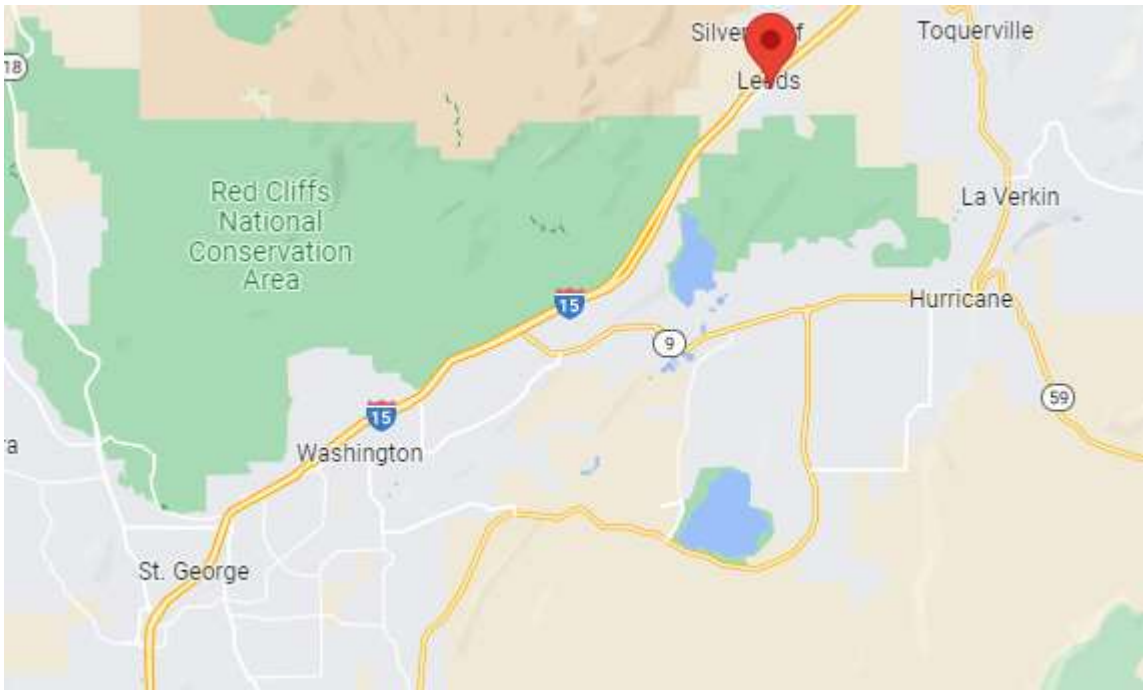
The Drinking Water Board authorize a construction loan of $7,519,500 with $3,499,500 in principal forgiveness to Leeds Domestic Water Users for a repayable loan amount of $4,020,000 at 0% for 40 years.

Conditions include they resolve all points on their IPS report.

APPLICANT'S LOCATION:

Leeds Domestic Water Users Association is located in Washington County approximately 24 miles North of St George.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

Construction of a new well to serve as a redundant source of water to the system. Install an altitude control valve and vault to control overflow water from the system being run to waste; but rather, divert the overflow water into the irrigation system head structure, Replace 4500' of aged and failing 6" C-900 and sch. 40 main with 8" C-900, Remove and replace 25,800 LF of 4" steel pipe with 8" C-900 pipe from the spring source to the storage location.

POPULATION GROWTH:

Growth projections are based on the master plan

Year	Population	Connections
Current	797	354
2030	934	418
2040	1138	510

COST ESTIMATE:

Legal/Bonding/Admin	$37,000
Engineering - Design	$430,000
Engineering - CMS	$450,000
Construction -	$5,259,000
Other (Env.)	$29,500
Contingency (~10%)	$1,319,000
1% Loan Origination Fee	
Total	**$7,524,500**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Loan (0%, 40-yr)	$4,020,000	53%
DWB Grant	$3,499,500	47%
Local Contribution	$5,000	>1%
Total	**$7,524,500**	**100%**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Design	Nov 2022
DDW Plan Approval:	Dec 2022
Advertise for Bids:	Dec 2022
Bid Opening:	Jan 2023
Loan Closing:	Feb 2023
Begin Construction:	Mar 2023
Complete Construction:	Aug 2023

IPS SUMMARY:

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
M006	CCC-LACKS WRITTEN RECORDS OF CCC ACTIVITIES	15		
M007	CCC-LACKS ON-GOING ENFORCEMENT IMPLEMENTATION	15		
SP04	ACTIVE SOURCE LACKS APPROVED UPDATES TO DWSP PLAN (WS001)	5		
SP04	ACTIVE SOURCE LACKS APPROVED UPDATES TO DWSP PLAN (WS002)	5		
	Total =	**40**		

CONTACT INFORMATION:

APPLICANT:	Leeds Domestic Water Users Association 545 Main Street STE #7 PO Box 460627 Telephone: 435-669-1111 LDWACORP@INFOWEST.COM
PRESIDING OFFICIAL & CONTACT PERSON:	Kurt Allen, Vice President 545 Main Street STE #7 PO Box 460627 Telephone: 435-669-1111 LDWA-KURT@ONFOWEST.COM
TREASURER/RECORDER:	Doris McNally 732-429-4950 LDWA-DORIS@INFOWEST.COM
CONSULTING ENGINEER:	Riley Vane Jones and Demille Engineering 1664 South Dixie Drive G102 St George, Utah 84770 Telephone: 435-986-3622 Riley.v@jonesanddemille.com
BOND ATTORNEY:	Nathan Bracken Smith Hartvigsen 257 East 200 South STE 500 SLC, Utah 84111 Telephone: 801-413-1600 Nbracken@shutah.law

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Leeds DWUA
FUNDING SOURCE: Federal SRF
COUNTY: Washington
PROJECT DESCRIPTION: New well, control valve and vault, pipeline replacement

53 % Loan & 47 % P.F.

ESTIMATED POPULATION:	797	NO. OF CONNECTIONS:	427 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$58.88 *			PROJECT TOTAL:	$7,524,500
CURRENT % OF AGI:	1.71%	FINANCIAL PTS:	45	LOAN AMOUNT:	$4,020,000
ESTIMATED MEDIAN AGI:	$41,400			PRINC. FORGIVE.:	$3,499,500
STATE AGI:	$46,500			TOTAL REQUEST:	$7,519,500
SYSTEM % OF STATE AGI:	89%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.82%		0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	40	40		40
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.82%		0.00%
REQUIRED DEBT SERVICE:	$100,500.00	$197,696.43		$100,500.00
*PARTIAL COVERAGE (15%):	$0.00	$29,654.46		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$10,050.00	$19,769.64		$10,050.00
ANNUAL NEW DEBT PER CONNECTION:	$258.90	$578.74		$258.90
O & M + FUNDED DEPRECIATION:	$248,999.00	$248,999.00		$248,999.00
OTHER DEBT + COVERAGE:	$68,750.00	$68,750.00		$68,750.00
REPLACEMENT RESERVE ACCOUNT:	$20,224.95	$0.00		$20,224.95
ANNUAL EXPENSES PER CONNECTION:	$791.51	$744.14		$791.51
TOTAL SYSTEM EXPENSES	$448,523.95	$564,869.54		$448,523.95
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$87.53	$110.24		$87.53
% OF ADJUSTED GROSS INCOME:	2.54%	3.20%		2.54%

$0.00

Agenda Item 9(F)(iv)(d)

Pine Valley Mountain Farms Water Company
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST:

Pine Valley Mountain Farms Water Company is requesting financial assistance to refurbish a 32-year-old water tank, replace 1200 feet of leaky transmission line, install an emergency backup solar pump on two wells, and to purchase and install 75 electronic water meters. This project scored 47.2 points on the Project Priority List.

The total estimated project cost is $418,485. Pine Valley Mountain Farms will contribute $69,985 and is requesting $348,500 from the Drinking Water Board.

STAFF COMMENTS:

The local MAGI for Pine Valley Mountain Farms is $53,300, which is 115% of the State MAGI. The current average water bill is $92.51/ERC, which is 2.08% of the local MAGI. The estimated after project water bill at full loan would be $110.09/ERC or 2.48% of the local MAGI. Based on MAGI and average monthly water bill, Pine Valley Mountain Farms qualifies to be considered for additional subsidy.

Option	Loan / Grant	Principal Forgiveness	Loan	Term	Interest Rate (HGA)	Water Bill	% Local MAGI
1	100/0	0	$348,500	20 yrs	0%	$110.09	2.48%
2	0/100	$348,500	0			$83.16	1.87%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION:

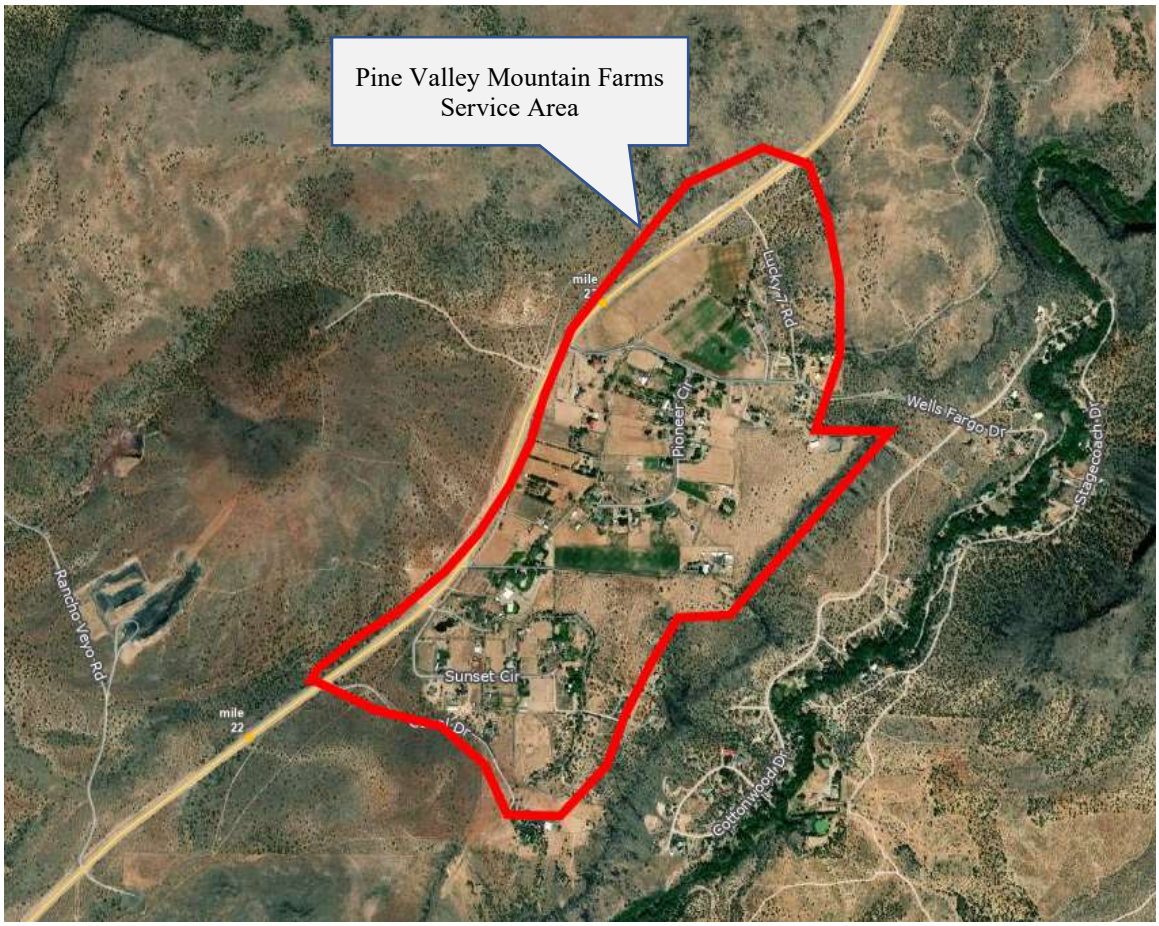
The Drinking Water Board authorize a construction loan of $348,500 with 100% in principal forgiveness to Pine Valley Mountain Farms Water Company.

Pine Valley Mountain Farms does not have any IPS points.

APPLICANT'S LOCATION:

Pine Valley Mountain Farms Water Company is located in Washington County approximately 21 miles northwest from St George.

MAP OF APPLICANT'S LOCATION:



PROJECT DESCRIPTION:

This application is for 4 different projects: 1) 32-year-old water tank needs full refurbish, including replacement of roof support beams, full sandblast and repaint; 2) new 1200-foot 8" water line installation to replace 46-year-old water line that has numerous leaks. 3) Emergency backup solar pump system to be installed in two wells; 4) purchase and installation of 75 electronic water meters to replace manual read meters installed in 1995.

POPULATION GROWTH:

Pine Valley Mountain Farms conducted an in-house study of population and over the last 10 years stated their population has decreased from 200 to between 140-150. Their connections have remained at 62 over that time period as well.

Year	Population	Connections
2020	144	62
2030	144	62
2040	144	62

COST ESTIMATE:

Legal/Bonding/Admin	$750
Engineering – Planning/Design	$19,000
Engineering - CMS	$5,250
Construction -	$390,000
Contingency (~10%)	$3,485
1% Loan Origination Fee	Moved to Contingency
Total	**$418,485**

COST ALLOCATION:

Funding Source	Cost Sharing	Percent of Project
DWB Grant	$348,500	83%
Local Contribution	$69, 985	17%
Total	**$418,485**	**100%**

IMPLEMENTATION SCHEDULE:

DWB Funding Authorization:	Aug 2022
Complete Design	Sept 2022
DDW Plan Approval:	Oct 2022
Advertise for Bids:	Oct 2022
Bid Opening:	Nov 2022
Loan Closing:	Dec 2022
Begin Construction:	Dec 2022
Complete Construction:	March 2023

CONTACT INFORMATION:

APPLICANT:	Pine Valley Mountain Farms Water Company 100 East Wells Fargo Road Brookside, UT 84782 801-556-6402 pinevalleyfrmswater@gmail.com
PRESIDING OFFICIAL & CONTACT PERSON:	Michelle DePrizio Board President 131 South Pioneer Circle Brookside, UT 84782 801-556-6402 pinevalleyfrmswater@gmail.com
TREASURER/RECORDER:	Robert Hawley 435-773-2661 pinevalleyfrmswater@gmail.com
CONSULTING ENGINEER:	Glen Carnahan Alpha Engineering 43 South 100 East Ste 100 St. George, UT 84770 435-628-6500 glencarnahan@alphaengineering.com
BOND ATTORNEY:	

DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Pine Valley Farms Water Company FUNDING SOURCE: Federal SRF
COUNTY: Washington
PROJECT DESCRIPTION: Tank refurbishment, water line replacement, emergency back up solar systtem, meters installed

0 % Loan & 100 % P.F.

ESTIMATED POPULATION:	144	NO. OF CONNECTIONS:	62 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	$92.51 *			PROJECT TOTAL:	$418,485
CURRENT % OF AGI:	2.08%	FINANCIAL PTS:	45	LOAN AMOUNT:	$0
ESTIMATED MEDIAN AGI:	$53,300			PRINC. FORGIVE.:	$348,500
STATE AGI:	$46,500			TOTAL REQUEST:	$348,500
SYSTEM % OF STATE AGI:	115%				

	@ ZERO % RATE	@ RBBI MKT RATE		AFTER REPAYMENT PENALTY & POINTS
	0%	3.62%		0.00%
SYSTEM				
ASSUMED LENGTH OF DEBT, YRS:	20	20		20
ASSUMED NET EFFECTIVE INT. RATE:	0.00%	3.62%		0.00%
REQUIRED DEBT SERVICE:	$0.00	$0.00		$0.00
*PARTIAL COVERAGE (15%):	$0.00	$0.00		$0.00
*ADD. COVERAGE AND RESERVE (10%):	$0.00	$0.00		$0.00
ANNUAL NEW DEBT PER CONNECTION:	$0.00	$0.00		$0.00
O & M + FUNDED DEPRECIATION:	$42,331.00	$42,331.00		$42,331.00
OTHER DEBT + COVERAGE:	$16,750.00	$16,750.00		$16,750.00
REPLACEMENT RESERVE ACCOUNT:	$2,786.55	$2,786.55		$2,786.55
ANNUAL EXPENSES PER CONNECTION:	$997.86	$997.86		$997.86
TOTAL SYSTEM EXPENSES	$61,867.55	$61,867.55		$61,867.55
TAX REVENUE:	$0.00	$0.00		$0.00
RESIDENCE				
MONTHLY NEEDED WATER BILL:	$83.16	$83.16		$83.16
% OF ADJUSTED GROSS INCOME:	1.87%	1.87%		1.87%

$0.00

Agenda Item 9(F)(iv)(e)

Wallsburg Town
Presented to the Drinking Water Board
August 31, 2022

DRINKING WATER BOARD
BOARD PACKET FOR CONSTRUCTION ASSISTANCE

APPLICANT'S REQUEST

Wallsburg Town is requesting financial assistance to replace an existing 100,000-gallon concrete storage tank with a new 500,000-gallon storage tank and install approximately 40,000 linear feet of new PVC piping along with new valving and hydrants, including a new 8" PRV station. This project scored 27.4 points on the Project Priority List.

The total amount of estimated funding needed is **$6,933,000** and the town is requesting the full amount from the Drinking Water Board.

STAFF COMMENTS

The local MAGI for Wallsburg is $52,100 which is 112% of the State MAGI and the current average water bill is $36.33/connection which is 0.84% of the local AGI. Their after-project water bill at a full loan would increase to $303.96/connection, which is 7.00% of the local MAGI. Based on the estimated after-project water bill, the system qualifies to be considered for additional subsidy.

Option	Loan/ PF	Loan	Principal Forgiveness	Term	Interest/ HGA	Water Bill	% Local MAGI
Base	100 / 0	$6,933,000	$0	30 yrs	3.25%	$303.96	7.00%
1	100 / 0	$6,933,000	$0	40 yrs	0%	$154.77	3.56%
2	51 / 49	$3,536,000	$3,397,000	40 yrs	0%	$88.75	2.04%

FINANCIAL ASSISTANCE COMMITTEE RECOMMENDATION

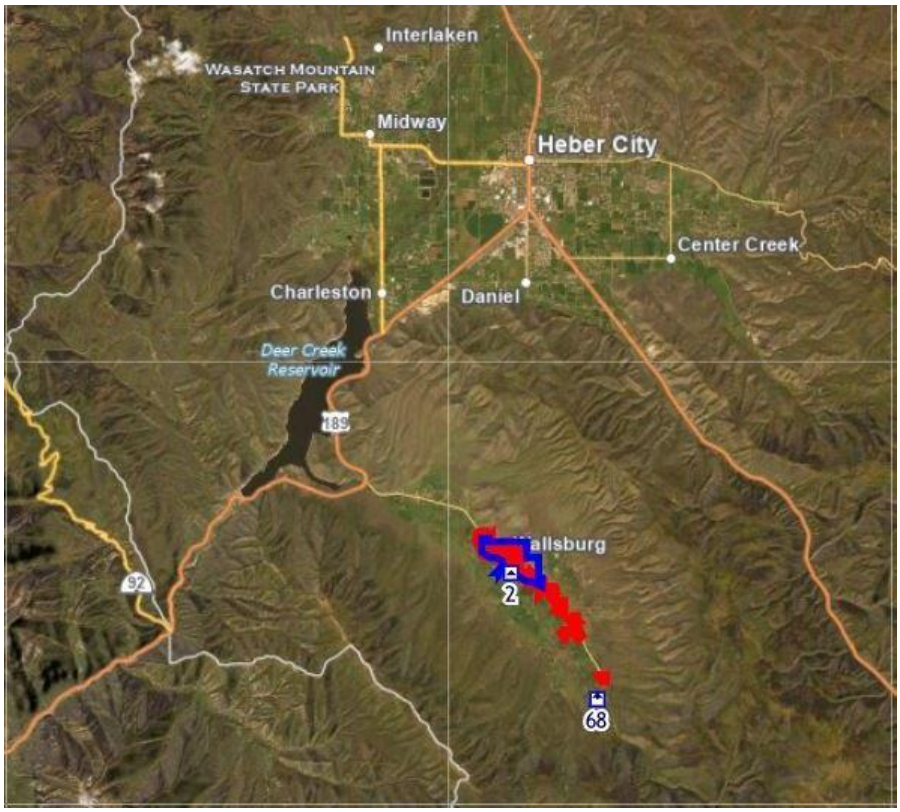
The Drinking Water Board authorize a construction loan of $6,933,000 with $3,397,000 in principal forgiveness to Wallsburg Town, for a repayable loan amount of $3,536,000 at 0% interest for 40 years.

Additionally, the Board authorize a release of up to $239,000 from principal forgiveness for planning and engineering design.

Conditions include that they resolve all issues on their compliance report.

APPLICANT'S LOCATION

Wallsburg is located in Wasatch County, approximately 12 miles south of Heber City.



PROJECT DESCRIPTION

The proposed improvements include the construction of a new 500,000-gallon concrete storage tank. The existing 100,000-gallon tank will be abandoned due to its size, age, and condition.

The following are the proposed improvements to the distribution system: Replace the 4-inch tank supply line up the canyon with a series of 8-inch and 10-inch PVC pipe. Install an 8-inch PVC pipe from the cul-de-sac to the new 500,000-gallon tank. Install a 12-inch PVC pipe from the new 500,000-gallon tank and tie into the system. Replace the 4-inch PRV (upper PRV) near the upper tank with an 8-inch PRV station. Install a new 6-inch PRV station on 100 North between 100 East and 200 East). Cut and cap the section of Main Street pipe between 100 East and 200 East, abandoning this section of pipe will allow the Town's system to be divided into two zones without the need of an additional PRV station operating in parallel with the 6-inch PRV. Install a dedicated 8-inch PVC line from the well and upgrade the well pump to provide sufficient pressure to the 8-inch tank supply line.

POPULATION GROWTH

Projected population and connections for Wallsburg over the next 20 years is based on a 1.5% annual growth rate estimated in their application.

Year	Population	Connections
2022	300	127
2042	404	171

IMPLEMENTATION SCHEDULE

DWB Authorization	August 2022
Begin Design	October 2022
DDW Plan Approval / Advertise for Bids	August 2023
Bid Opening	September 2023
Loan Closing	February 2024
Begin Construction	March 2024
Complete Construction/DDW Permit	March 2025

COST ESTIMATE

Legal/Bonding	$40,000	
Environmental/Admin	$65,000	
Land Acquisition	$100,000	
Engineering – Design/Pre-Project	$448,100	*} 11%*
Engineering – CMS	$350,000	
Construction - Mobilization	$340,000	
Construction – Storage Tank	$1,235,900	
Construction – Distribution System	$3,362,730	
Contingency	$991,270	*21.5%*
1% Loan Origination Fee	*waived*	
Total Project Cost	**$6,933,000**	

COST ALLOCATION

Funding Source	Cost Sharing	Percent of Project
DWB Loan (40 yrs, 0%)	$ 3,536,000	51%
DWB Principal Forgiveness	$ 3,397,000	49%
Total Amount	**$ 6,933,000**	**100%**

IPS SUMMARY

As of August 11, 2022, Wallsburg Town Water System has 0 IPS points.

CONTACT INFORMATION

APPLICANT:	Wallsburg Town PO Box 52 Wallsburg, UT 84082 Telephone: (435) 671-3265 clintallen2016@yahoo.com
PRESIDING OFFICIAL & CONTACT PERSON:	Celeni Richins Mayor Telephone: (435) 654-8608 CeleniRichins@gmail.com
CONSULTING ENGINEER:	Derek Anderson Sunrise Engineering 1180 North Mountain Springs Pkwy Springville, UT 84663 (801) 704-5214 danderson@sunrise-eng.com
TREASURER/RECORDER:	Rylee Allen Telephone: (435) 654-8437 Rylee_B@hotmail.com
BOND ATTORNEY:	TBD