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A G E N D A

UTAH BOARD OF WATER RESOURCES

Weber Basin Water Conservancy District
2837 East Highway 193
Layton, Utah

August 9, 2018

10:00 a.m.

1. CALL TO ORDER
2. APPROVAL OF MINUTES – June 21, 2018
3. SPECIAL ITEM REPORTS

	<u>County</u>
L581 Murray City (Authorization & Com. of Funds)	Salt Lake
E392 Woodruff Irrigating Co. (Add'l Funds)	Rich
C055 Center Creek Irr. Co. (Amendment)	Wasatch
4. DAM SAFETY REPORTS

C019 Fremont Irr. Co. (Mill Meadow Dam)	Wayne
C059 Moon Lake Water Users Assoc. (Twin Pots Dam)	Duchesne
C061 Ivins City (Ivins 1-6 debris basins)	Washington
C062 Washington County WCD (Ivins Bench Dam)	Washington
5. LAKE POWELL PIPELINE REPORT
6. BEAR RIVER DEVELOPMENT REPORT
 - UTA MOA Approval
7. PLANNING REPORT
 - Hydrology & Modeling – Weber River Modeling
8. WATER CONSERVATION REPORT
9. DIRECTOR'S REPORT
10. ADJOURNMENT

BRIEFING MEETING AGENDA

UTAH BOARD OF WATER RESOURCES

Weber Basin Water Conservancy District
2837 East Highway 193
Layton, Utah

August 9, 2018

8:30 a.m.

- I. WELCOME/CHAIR'S REPORT Chairman Holmgren

- II. DISCUSSION OF PROJECTS

- III. INFORMATION TO THE BOARD

- IV. OTHER ITEMS

BOARD OF WATER RESOURCES
Special Item - Feasibility & Committal of Funds



Applicant: **Murray City**

Project Number: L581
Fund: Conservation and Development Fund
Cost Estimate: \$9,475,000
Application Received: 6/11/2018

Board Meeting Date: 8/9/2018

Board Member: Juliette Tennert
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to replace two old wells and various main and distribution lines throughout the city.

Recommendation: Staff recommends the board authorize 85% of the project cost up to \$8,054,000, and the bonded indebtedness be returned at 1% interest over 25 years with interest only payments for the first five years and regular annual payments of approximately \$382,000 (including reserves) beginning in 2025.

Project Contacts:

Mayor:
D Blair Camp
5025 S. State St.
Murray, UT 84107
801-264-2600

Public Works Director:
Danny Astill
4646 South 500 West
Murray, UT 84123
801-270-2404

Engineer:
Bowen Collins & Associates
Andrew McKinnon
154 East 14075 South
Draper, Utah 84020
801-495-2224



Location

The proposed project is located in Murray City in Salt Lake County.

Introduction & Background

The applicant serves culinary water to 10,374 connections, including 8,912 residential connections. The system consists of 19 wells, eight springs, 12 million gallons of storage in five tanks, 11 booster pump stations, and about 197 miles of transmission and distribution pipelines. No secondary water is provided; however, the two city-owned golf courses are irrigated with secondary water from local irrigation companies. The applicant has not previously received financial assistance from the board.

Existing Conditions & Problems

Two of the applicant's wells (the 4500 South Well and the Park Well) were drilled by cable tool in the 1960s. Over the years sand infiltration into the wells has gotten progressively worse, requiring the well pumps to be throttled back significantly to avoid sand destroying additional pumps and bowls. During one event, 180 feet of sand filled the 4500 South well and caused substantial damage. Both wells originally produced close to 1,000 gpm each, but at present neither well can sustainably yield 200 to 300 gpm.

Many of the applicant's pipelines are lead-jointed ductile-iron pipes over 30 years old, with some pipes possibly going back to the 1940s. Over 49 breaks have been recorded since the applicant has been keeping records. Long-term plans have been made to replace all older pipes in the system. The busy streets of 900 East and State Street have had nine breaks in the last several years.

Proposed Project

The applicant is requesting financial assistance from the board to replace the Park Well and 4500 South Well with modern, screened wells drilled with rotary drilling methods. Assistance is also requested to replace about 12,900 feet of the priority water mainlines in 8-inch to 12-inch sizes on 900 East and State Street. Engineering assistance will be provided by Bowen Collins and Associates.

Benefits

Benefits of the project include creating two functional, reliable wells that will be capable of pumping about 1,000 gpm each. The new transmission and distribution pipelines will provide a safer, more reliable water supply with fewer catastrophic breakdowns, as well as adding additional capacity.

Cost Estimate

The following cost estimate is based on the engineer's preliminary design and has been reviewed by staff:



Item	Description	Quantity	Unit	Unit Price	Total
1	Well Drilling				
	a. 4500 South Well	1	LS	\$1,309,000	\$1,309,000
	b. Park Well	1	LS	974,000	974,000
2	Pipeline Replacement				
	a. 4500 S to Edison	1	LS	536,000	536,000
	b. 4500 S to Big Cottonwood Cr	1	LS	863,000	863,000
	c. 900 E, Vine to Wood Oak Ln	1	LS	1,232,000	1,232,000
	d. 900 E, Wood Oak to 3 Ftns	1	LS	1,202,000	1,202,000
	e. State St., Park to 4800 S	1	LS	542,000	542,000
	f. State St., 5300 S to 5016 S	1	LS	920,000	920,000
Construction Cost					\$7,578,000
Contingency					757,800
Design & Construction Engineering					910,000
Legal and Administrative					229,200
TOTAL					\$9,475,000

Cost Sharing & Repayment

The recommended cost sharing and repayment are:

Agency	Cost Sharing	% of Total
Board of Water Resources	\$8,054,000	85%
Applicant	1,421,000	15
TOTAL	\$9,475,000	100%

Because the applicant has a large existing debt payment through 2024, it is suggested interest only payments be required until the first full payment begins in 2025.

Staff recommends the board authorize 85% of the project cost up to \$8,054,000, and the bonded indebtedness be returned at 1% interest over 25 years with interest only payments for the first five years and regular annual payments of approximately \$382,000 (including reserves) beginning in 2025.

Economic Feasibility

The replacement of the applicant’s two wells and transmission pipeline is economically feasible because there is no alternative except to do nothing. Entering into a joint program for water development with Central Utah WCD, Jordan Valley WCD, or Salt Lake City has been explored, but does not meet the needs of the applicant. A pressurized secondary irrigation system has been explored, but cannot be considered a viable alternative to the proposed project. Since no alternative sources or choices have been discovered, the benefit/cost ratio is assumed to be 1.0.



Financial Feasibility

Based on the board’s water service affordability guideline, residents of Murray City could pay up to \$47.64 monthly for water. As shown below, the cost of water with the proposed project, based on 8,912 residential connections, would put the applicant above the affordability guideline:

Water Cost	Annual Cost	Cost/Conn/Mo
Avg. Culinary Water Bill	\$4,598,592	\$43.00
Property Tax for Water	519,748	4.86
Proposed Board of Water Resources Loan	382,000	3.57
TOTAL	\$5,500,340	\$51.43

Water Rights & Supply

The applicant has numerous water rights related to eight springs, 19 wells, and non-consumptive hydroelectric generation rights from Little Cottonwood Creek.

Water rights related to this project are:

Water Right Number	Flow / Volume
57-8902 (45 th South well)	1.25 cfs
57-3584 (Park Well)	233.5 acre-feet

Easements

The new pipelines must be placed where the existing pipelines are, so the old pipelines will be removed. The applicant owns the properties the wells will be constructed on, and foresees no issues with securing easements for the replacement pipelines.

Environmental

No adverse environmental effects are expected beyond the usual dust and noise created during the construction phase.

Water Conservation

The applicant has been aggressive in promoting reduced water consumption: A WaterSense™ Rebate program is offered for installing low-flow showerheads and toilets; a “Fix A Leak Week™” program is sponsored offering rebates and discounts from local plumbers to fix leaks; a “Shower Better Month™” offers free low-flow showerheads; a conservation-focused newsletter is included with billings; a Water Conservation Demonstration Garden is under way; city-owned sites have been re-landscaped with water-wise landscaping; and the state goal of a 25% conservation rate by 2025 is being pursued.

Applicant’s Responsibilities

The applicant will be required to make all arrangements to sell the board a non-voted revenue bond, as well as verify it has adequate water rights and rights-of-way to construct the project. If



the project is authorized, a full list of requirements and procedures necessary to close the bond will be furnished to the applicant.

Applicant: **Woodruff Irrigating Company**

Project Number: E392
Fund: Revolving Construction Fund
Total Cost: \$465,000

Application Received: 1/6/2017
Authorized: 2/8/2017
Committed: 3/22/2017

Board Meeting Date: 8/9/2018

Board Member: Charles Holmgren
Project Manager: Tom Cox

Project Summary: In March 2017, the board authorized funds to breach Birch Creek #1 dam and install a trench drain along the outlet and toe of Birch Creek #2 dam. The drain will capture the existing seepage and allow it to be monitored according to Dam Safety requirements. Project bids came in significantly higher than anticipated, and the applicant now needs additional funds to construct the project.

Recommendation: Staff recommends the board commit an additional \$277,000 and amend the purchase agreement to state the board will provide 85% of the project cost up to \$672,000, and that the project be purchased at 0% interest over 30 years with annual payments of approximately \$22,400.

Project Contacts:

President:
Wesley Tingey
PO Box 520
Woodruff, UT 84086
801-556-5116

Secretary:
Stephen Huffaker
PO Box 57
Woodruff, UT 84086
435-793-4534

Engineer:
Chad Brown - Franson Civil
1276 South 820 East, Ste 100
American Fork, UT 84003
801-756-0309



Location

The proposed project is located seven miles west of Woodruff in Rich County.

Project Summary

In March 2017, the board committed funds for a project to breach Birch Creek #1 Dam and install a drain at the downstream end of the outlet of Birch Creek #2 Dam to address pressing seepage issues. The reservoirs are under storage restriction until the problems are rectified. The applicant feels it is cheaper to breach Birch Creek #1 than to repair it.

When funds were committed, the applicant planned to do part of the work prior to spring runoff. However, the project was not put out to bid until late summer, with only one contractor submitting a bid that was considered too high. The project has been rebid and current prices came in significantly higher than expected. Engineering costs are also higher than a normal project because of the need to do material sampling, testing, and drain design for Birch Creek #2 Dam and the cost of putting the project out to bid a second time.

Cost Estimate & Sharing

The project cost estimate has increased by \$325,000 (from \$465,000 to \$790,000). The committed and proposed cost sharing are:

Agency	Committed Cost Sharing	% of Total	Proposed Cost Sharing	% of Total
Board of Water Resources	\$395,000	84.95%	\$672,000	85%
Applicant	70,000	15.1	118,000	15
TOTAL	\$465,000	100%	\$790,000	100%

Purchase Agreement

As committed, the project will be purchased at 0% interest over 30 years with annual payments of approximately \$13,200.

Staff recommends the board commit an additional \$277,000 to the project and amend the purchase agreement to state the board will provide 85% of the project cost up to \$672,000, with the project to be purchased at 0% interest over 30 years with annual payments of approximately \$22,400.

Applicant: **Center Creek Irrigation Company**

Project Number: C055
Fund: Dam Safety Funding
Total Cost: \$570,000

Application Received: 9/14/2016
Authorized: 8/10/2017
Committed: 8/10/2017

Board Meeting Date: 8/9/2018

Board Member: Steve Farrell
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to rehabilitate the downstream embankment of Center Creek Dam #2 and replace the gate at Center Creek Dam #3. Project bids came in higher than expected and the applicant needs additional funds to construct the project.

Recommendation: Staff recommends the grant contract be amended to provide 90% of the project cost up to \$662,000, and the loan contract be amended to provide 10% of the project cost up to \$73,000, which will be returned at 0% interest over 16 years with payments of approximately \$4,600.

Project Contacts:

President:
Kraig Sweat
2603 S. Old Settlers Rd.
Heber, UT 84032
801-830-1052

Secretary:
Cheryl Rhoades
2806 E. Center Creek Rd.
Heber, UT 84032
435-671-1300

Engineer:
Vince Hogge
Franson Civil Engineers
1276 South 820 East Ste 100
American Fork, UT 84003
801-756-0309



Location

The proposed project is located five miles southeast of Heber in Wasatch County.

Project Summary

The purpose of the project is to rehabilitate the downstream embankment of Center Creek Dam #2. This includes the repair of the downstream embankment that has eroded, slip-lining the existing corrugated pipeline with HDPE pipe, and installing new outlet works. The gate at Center Creek Dam #3 will also be replaced. Additional state minimum standards upgrade work will be completed in the future when dam safety funds become available.

Since project funds were committed, the project has been bid. The lowest bid was about 25% higher than originally estimated, and additional funding is needed to complete the work.

Cost Sharing & Repayment

The project cost estimate has increased by \$273,000 (from \$462,000 to \$735,000). The committed and proposed cost sharing are:

Agency	Committed Cost Sharing	% of Total	Proposed Cost Sharing	% of Total
BWRe Dam Safety Grant	\$416,000	90%	\$662,000	90%
BWRe Loan	46,000	10	73,000	10
TOTAL	\$462,000	100%	\$735,000	100%

The applicant is requesting the board commit an additional \$273,000 to the project. The original loan terms were 0% interest over approximately 10 years with annual payments of \$4,600.

If the board commits the additional \$246,000 grant and additional \$27,000 loan, staff recommends the grant contract be amended to provide 90% of the project cost up to \$662,000, and the loan contract be amended to provide 10% of the project cost up to \$73,000, which will be returned at 0% interest over 16 years with payments of approximately \$4,600.

BOARD OF WATER RESOURCES
Dam Safety Report



Applicant: **Fremont Irrigation Company**

Project Number: C019
Fund: Revolving Construction Fund
Phase 2 Total Cost: \$1,950,000

Application Received: 5/10/2010
Phase 1 Committal: 10/14/2010, 12/7/2012 and 5/9/2013

Board Meeting Date: 8/9/2018

Board Member: Blaine Ipson
Project Manager: Tom Cox

Project Summary: The purpose of the phased project is to complete state dam safety minimum standards upgrade work on Mill Meadow Dam and will include the installation of toe drains and construction of a new spillway and abandonment of the existing spillway.

Recommendation: Staff recommends the board commit 90% of the Phase 2 project cost, up to \$1,755,000, as a dam safety grant and that the existing loan contract be amended to provide 10% of the total project cost, up to \$255,000, as a loan to be returned at 0% interest over 20 years with annual payments of \$6,000 the first three years and approximately \$14,000 thereafter.

Project Contacts:

President:
Brian Peterson
Box 88
Loa, UT 84747
435-491-0507

Secretary:
Kyle Torgerson
Box 246
Loa, UT 84747
435-836-2045

Engineer:
Alpha Engineering
Brent Gardner
43 South 100 East, Suite 100
St. George, UT 84770
435-628-6500



Location

The proposed project is located four miles northeast of Fremont in Wayne County.

Project Summary

Fremont Irrigation Company supplies irrigation water to about 12,000 acres from above Fremont to below Bicknell, including secondary irrigation water to the towns of Fremont, Loa, Lyman and Bicknell. Water is diverted from the Fremont River and local creeks and springs. The applicant has storage rights in Fish Lake, Johnson Valley, Forsyth, and Mill Meadow reservoirs.

The 115 foot high, 700 foot long Mill Meadow Dam was constructed with board funding in the early 1950s but does not meet current state dam safety minimum standards. Starting in late 2012, a dam safety project (Phase 1) was completed, installing an upstream guard gate and slip lining the outlet with HDPE pipe. Other issues that need to be addressed include uncontrolled seepage at the embankment toe and a spillway that is undersized and dangerous to maintain at its location on the right abutment, adjacent to rock cliffs.

The purpose of the project (Phase 2) is to complete state dam safety minimum standards upgrade work and will include the installation of toe drains, construction of a new spillway on the left abutment, and abandonment of the existing spillway.

Cost Estimate & Sharing

The estimated cost of the Phase 2 project is \$1,950,000. The recommended cost sharing is as follows:

Agency	Proposed Phase 2 Cost Sharing	Previous Phase 1 Cost Sharing	Total Cost Sharing	% of Total
Board of Water Resources	\$1,755,000	\$540,000	\$2,295,000	90%
Applicant	195,000	60,000	255,000	10
TOTAL	\$1,950,000	\$600,000	\$2,550,000	100%

The Phase 1 grant contract has expired and a new one will be required for the Phase 2 project cost; however, the original loan contract is still active and will be amended to add an additional \$195,000 for the Phase 2 work.

Staff recommends the board commit 90% of the Phase 2 project cost, up to \$1,755,000, as a dam safety grant and that the existing loan contract be amended to provide 10% of the total project cost, up to \$255,000, as a loan, to be returned at 0% interest over 20 years with annual payments of \$6,000 the first three years and approximately \$14,000 thereafter.

Applicant: Moon Lake Water Users Association

Project Number: C059

Fund: Revolving Construction Fund

Total Cost: \$230,000

Application Received: 4/13/2018

Board Meeting Date: 8/9/2018

Board Member: Randy Crozier

Project Manager: Ben Maret

Project Summary: The purpose of the project is to upgrade and repair Twin Pots Dam so that continued operation is possible. The project will include either slip-lining the outlet conduit or replacing it with steel pipe, removal of a wet well, a new intake structure with an upstream regulation gate, and a new outlet structure.

Recommendation: Staff recommends the board commit 90% of the project cost, up to \$207,000, as a dam safety grant.

Project Contacts:

President:
Shawn McConkie
PO Box 235
Roosevelt, UT 84066
435-823-3466

Secondary Contact:
Dex Winterton, Manager
PO Box 235
Roosevelt, UT 84066
435-823-4174

Engineer:
Brandon Price
RB&G Engineering
1435 W 820 N
Provo, UT 84601
801-374-5771



Location

The proposed project is located 24 miles north of Duchesne in Duchesne County.

Project Summary

Twin Pots Dam is situated on the southern slope of the Uinta Mountains. It was constructed in 1931. At its crest, the dam is 38 feet tall, 515 feet long, is situated at an elevation of 7,638 feet, and impounds 4,600 acre feet.

The outlet works are constructed of both steel pipe and concrete conduit. Recent inspections of the outlet works have discovered severe corrosion of the steel pipe and cracking and spalling of the concrete conduit. Timbers supporting the slide gate are rotting and need to be replaced before they fail.

The project will upgrade and repair critical parts of the dam so that continued operation is possible, and will include slip-lining the outlet conduit or replacing it with steel pipe, removing a wet well, and constructing a new intake structure with an upstream regulation gate and a new outlet structure. These improvements are necessary for continued operation of the dam, but do not encompass all of the repairs that are required to bring the dam up to minimum dam safety standards. Future work on the dam will be needed, as funds become available, to address the remaining deficiencies.

Cost Estimate & Sharing

The estimated cost of the project is \$226,000. The recommended cost sharing is as follows:

Agency	Proposed Cost Sharing	% of Total
Board of Water Resources	\$207,000	90%
Applicant	23,000	10
TOTAL	\$226,000	100%

Staff recommends the board commit 90% of the project cost, up to \$207,000, as a dam safety grant.

BOARD OF WATER RESOURCES

Dam Safety Report



Applicant: **Ivins City**

Project Number: C061

Fund: Revolving Construction Fund

Total Cost: \$2,100,000

Application Received: 5/10/2018

Board Meeting Date: 8/9/2018

Board Member: James A. Lemmon

Project Manager: Tom Cox

Project Summary: The purpose of the project is to rehabilitate six debris basins in and around Ivins City to meet dam safety minimum standards.

Recommendation: Staff recommends the board commit 31.5% of the project cost, up to \$661,000, as a dam safety grant.

Project Contacts:

Mayor:
Chris Hart
55 N. Main St.
Ivins, UT 84738
435-628-0606

City Engineer:
Chuck Gillette
55 N Maine St.
Ivins, UT 84738
435-668-9909

Engineer:
Bowen Collins & Assoc
20 North Main, Ste 107
St. George, UT 84770
435-656-3299

Location

The proposed project is located in Ivins in Washington County.

Project Summary

In 1976 and 1977, six flood control basins were constructed at the base of Red Mountain, north of Ivins, to help control storm flood discharge in the area. The dams creating these basins range from approximately 10 to 20 feet high and are from about 800 to 5,500 feet long.

Since construction, significant residential growth has occurred downstream and the dams are considered high hazard structures because of the potential of loss of life and property damage



in the event of a breach. The dams do not meet Utah minimum dam safety standards mainly due to insufficient spillway capacity. The proposed project will primarily address spillway capacity and discharge issues.

The Natural Resources Conservation Service (NRCS) has committed funds to pay for all engineering and 65% of upgrade costs for this project. In its 2018 session, the state legislature authorized funding to allow the board to provide a grant match for several minimum standards dam upgrade projects, including this one.

Estimate & Sharing

The estimated cost of the project is \$2,100,000. The recommended cost sharing is as follows:

Agency	Proposed Cost Sharing	% of Total
Board of Water Resources	\$661,000	31.5%
NRCS	1,365,000	65.0
Applicant	74,000	3.5
TOTAL	\$2,100,000	100%

Staff recommends the board commit 31.5% of the project cost, up to \$661,000, as a dam safety grant.

BOARD OF WATER RESOURCES
Dam Safety Report



Applicant: **Washington County WCD**

Project Number: C062
Fund: Revolving Construction Fund
Total Cost: \$356,000

Application Received: 6/20/2018

Board Meeting Date: 8/9/2018

Board Member: James A. Lemmon
Project Manager: Ben Maret

Project Summary: The proposed project includes placing a new toe drain in Ivins Bench Dam to safely channel seepage out of, and away from, the dam. This will improve the structural stability of the dam, reduce the risk of failure, and allow the reservoir to safely operate at capacity.

Recommendation: Staff recommends the board commit 90% of the project cost, up to \$321,000, as a dam safety grant.

Project Contacts:

Primary Contact:
Randy Johnson
533 E. Waterworks Dr.
St. George, UT 84770
435-668-7033

Secondary Contact:
Roberta McMullin
533 E. Waterworks Dr.
St. George, UT 84770
435-673-3617

Engineer:
Brandon Horrocks
RB&G Engineering
1435 W 820 N
Provo, UT 84601
801-374-5771



Location

The proposed project is located in Ivins City in Washington County.

Project Summary

The Ivins Bench Dam is 47 feet tall with a crest length of 1,050 feet. The spillway has a maximum discharge of 300 cfs. At the spillway elevation of 3,107 feet, the reservoir has a capacity of 670 acre-feet. The dam is currently under operation restrictions due to seepage, which limits storage to an elevation of 3,103 feet and a corresponding storage capacity of 513 acre-feet. This is a reduction of 157 acre-feet of storage.

The proposed project includes placing a new toe drain in the dam to safely channel seepage out of, and away from, the dam to improve the structural stability of the dam, reduce the risk of failure, and allow the reservoir to safely operate at capacity.

Cost Estimate & Sharing

The estimated cost of the project is \$356,000. The recommended cost sharing is as follows:

Agency	Proposed Cost Sharing	% of Total
Board of Water Resources	\$321,000	90%
Applicant	35,000	10
TOTAL	\$356,000	100%

Staff recommends the board commit 90% of the project cost, up to \$321,000, as a dam safety grant.

Applicant: **Coyote & East Fork Irrigation Company**

Project Number: E411
Fund: Revolving Construction Fund
Cost Estimate: \$1,700,000

Application Received: 6/6/2018

Board Meeting Date: 8/9/2018

Board Member: James A. Lemmon
Project Manager: Jaqueline Pacheco

Project Contacts:

President:
Tim Westwood
PO Box 39
Antimony, UT 84712
435-896-2983

Secretary:
Francis Wilson
PO Box 98
Antimony, UT 84712
435-624-3280

Engineer:
Kelly Chappell - Ensign Eng.
225 N. 100 E.
Richfield, UT 84701
435-896-2983

Location

The proposed project is located two miles south of Antimony in Garfield County.

Proposed Project

The applicant is requesting financial assistance from the board to replace approximately 16,600 feet of open canal with pipe. The project will save an estimated 264 acre-feet annually and allow for a more efficient distribution of water to shareholders.

Water Rights

- 61-2054

Applicant: **Rockville Pipeline Company**

Project Number: E412
Fund: Revolving Construction Fund
Cost Estimate: \$80,000

Application Received: 7/18/2018

Board Meeting Date: 8/9/2018

Board Member: James A. Lemmon
Project Manager: Marisa Egbert

Project Contacts:

President:
Rob Snyder
PO Box 630123
Rockville, UT 84763
435-772-3832

Secondary Contact:
Tony Ballard
PO Box 630254
Rockville, UT 84763
435-628-1682

Engineer:
Dave Brooks
PO Box 4
Springdale, UT 84767
435-669-2250

Location

The proposed project is located in the Town of Rockville in Washington County.

Proposed Project

The applicant is requesting financial assistance from the board to reroute a potable water line currently located underneath an historic bridge, to cross under the Virgin River at a nearby location. Work will coincide with an upgrade and rehabilitation of the bridge by the Utah Department of Transportation.

Water Rights

- 81-106