

BOARD OF WATER RESOURCES BOARD MEETING AUGUST 21, 2025



PLAN

CONSERVE

DEVELOP

PROTECT

DIVISION OF WATER RESOURCES
1594 West North Temple, #310
Salt Lake City, Utah 84114



2025 BOARD MEETING SCHEDULE

January 2025						
S	M	T	W	T	F	S
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5	6	7	8	9	10	11
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February 2025						
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April 2025						
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May 2025						
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June 2025						
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July 2025						
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August 2025						
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September 2025						
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October 2025						
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November 2025						
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30						

December 2025						
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14	15	16	17	18	19	20
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28	29	30	31			

August 21 (Thurs) Salt Lake City
October 9 (Thurs) Salt Lake City
December 9 (Tues) Salt Lake City

AGENDA
UTAH BOARD OF WATER RESOURCES
BOARD BRIEFING MEETING
AUGUST 21, 2025
10:00 AM

I. WELCOME/CHAIR'S REPORT

*Chair Mike Davis

II. DISCUSSION OF BOARD AGENDA ITEMS

(See Board Meeting Agenda)

III. INFORMATION TO THE BOARD

IV. OTHER ITEMS TO DISCUSS

Agenda
Utah Board of Water Resources
Board Meeting

August 21, 2025

10:00 AM Briefing

1:00 PM Board Meeting

Department of Natural Resources Auditorium
1594 W. North Temple, Salt Lake City, UT 84114

Link to presentations and public comment form:

<https://water.utah.gov/comments/>

Livestream Links

Briefing Meeting: <https://youtube.com/live/L2oFnb1vpy4>

Board Meeting: <https://youtube.com/live/ayNYLkg-tBA>

APPROVAL OF MINUTES

<u>Project #</u>	<u>Applicant</u>	<u>County</u>	<u>Project Manager</u>
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FEASIBILITY REPORTS:

RE499	Lake Creek Irrigation Company	Wasatch	Ben Maret
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COMMITTAL OF FUNDS:

RE472	Davis & Weber Counties Canal Company	Davis	Tom Cox
RE495	Co-op Farm Irrigation Company	Weber	Ethan Stayner
RE496	Huntsville South Bench Canal Company	Weber	Bradley Caldwell

NEW APPLICATIONS:

RE500	Smithfield Irrigation Company	Cache	Bradley Caldwell
RE501	Cache Highline Water Association	Cache	Ann Baynard

SECONDARY METER ARPA GRANT RETURNED FUNDS:

Shalaine DeBernardi, P.E. - Assistant Director

LAKE POWELL PIPELINE UPDATE AND CONTRACT AMENDMENT REQUESTS:

Eric Dixon, P.E. - Lake Powell Pipeline Project Manager

GREEN RIVER BLOCK WATER RIGHT CONTRACT:

Sarah Shechter, Esq. - Assistant Attorney General

DIRECTOR'S REPORT:

Candice Hasenyager

ADJOURNMENT

BOARD OF WATER RESOURCES

REVOLVING CONSTRUCTION FUND - REGULAR PROJECTS

Funding Status August 21, 2025

Funds Available for Projects This FY	\$ 17,031,000
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Projects Contracted This FY

1 None	\$ -
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Total Funds Contracted	\$ -
Funds Balance	\$ 17,031,000

Projects with Funds Committed

* 1 Co-op Farm Irrigation Company	RE495	\$ 348,000	08/21/25
* 2 Davis & Weber Counties Canal Company	RE472	999,000	08/21/25
* 3 Huntsville South Bench Canal Company	RE496	320,000	08/21/25
4 Peterson Pipeline Association	RE481	882,000	10/10/24
5 West Milburn Irrigation Company	RE442	335,000	10/08/20

Total Funds Committed	\$ 2,884,000
Funds Balance	\$ 14,147,000

Projects Authorized

1 Dry Gulch Irrigation Co	RE493	\$ 492,000	03/19/25
2 Hyrum Blacksmith Fork Irrigation Company	RE475	228,000	01/25/24

Total Funds Authorized	\$ 720,000
Remaining Funds Available	(End of year balance if all listed projects were fully paid) \$ 13,427,000

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

REVOLVING CONSTRUCTION FUND - DAM SAFETY

Funding Status August 21, 2025

Funds Available for Projects This FY \$ 18,548,000

Projects Contracted This FY

1 Wasatch County (Lake Creek)	RC070	**Grant	\$ 150,000	07/21/25
Total Funds Contracted			\$ 150,000	
Funds Balance			\$ 18,398,000	

Projects with Funds Committed

1 Washington County Flood Contr. Auth. (Warner)	RC049	**Grant	\$ 212,000	03/22/17
2 Washington County Flood Contr. Auth. (Stucki)	RC050	**Grant	88,400	03/22/17
3 Washington County Water Cons Dist (Kolob)	RC070	**Grant	500,000 (Add'l Amt.)	06/26/25
Total Funds Committed			\$ 800,000	
Funds Balance			\$ 17,598,000	

Projects Authorized

1 None		\$ -	
Total Funds Authorized		\$ -	
Remaining Funds Available	(End of year balance if all listed projects were fully paid)	\$ 17,598,000	

* To be presented at Board Meeting

** Dam Safety Projects

BOARD OF WATER RESOURCES

CONSERVATION & DEVELOPMENT FUND

Funding Status
August 21, 2025

Funds Available for Projects This FY	\$ 143,691,000
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Projects Contracted/Bonds Closed This FY

1 None	\$	-	
Total Funds Contracted/Closed	\$	-	
Funds Balance		\$ 143,691,000	

Projects with Funds Committed

1 Davis & Weber Counties Canal Company	RM121	**	\$ 1,190,000		01/30/25
2 Hurricane City	RL591		1,282,000	(Add'l Amt.)	05/15/25
3 Mountain View Irrigation Company	RM033	**	743,000		12/06/22
4 West Panguitch Irrigation & Reservoir Company	RE489		4,250,000		10/10/24
Total Funds Committed				\$ 7,465,000	
Funds Balance				\$ 136,226,000	

Projects Authorized

1 Clinton City	RE490		\$ 3,900,000		12/11/24
2 Draper Irrigation Co (Phases 2 & 3)	RE450		12,265,000		09/16/21
3 Grantsville Irrigation Company	RE469		1,496,000		06/29/23
* 4 Lake Creek Irrigation Company	RE499		8,645,000		08/21/25
5 North Creek Irrigation Company, of Mt. Pleasant	RE488		1,732,000		03/19/25
6 Powder Mountain Water & Sewer Imp District	RE497		1,395,000		05/15/25
7 Veyo Culinary Water Association	RE445		969,000		03/17/21
8 Weber-Box Elder Conservation District	RE400		1,687,000		08/10/17
Total Funds Authorized				\$ 32,089,000	
Funds Balance				\$ 104,137,000	

Secondary Meter Projects Authorized

1 Cottonwood Gooseberry Irrigation Company	RM095	**	\$ 840,000		03/22/23
2 Lehi City	RM117	**	1,690,000		09/12/24
3 Mt. Pleasant City	RM085	**	729,000		03/22/23
4 Newton Town Sprinkling Company	RM045	**	132,000		08/04/22
5 Paradise Irrigation & Reservoir Company	RM064	**	695,000		08/04/22
6 Richards Irrigation Company	RM051	**	145,000		08/04/22
7 South Davis Water District	RM022	**	1,317,000		08/04/22
Total Funds Authorized				\$ 5,548,000	
Remaining Funds Available	(End of year balance if all listed projects were fully paid)			\$ 98,589,000	

* To be presented at Board Meeting

** Secondary Meter Projects

BOARD OF WATER RESOURCES

CONSERVATION & DEVELOPMENT FUND - CO RIVER REUSE FUNDS

Funding Status August 21, 2025

Funds Available for Projects This FY	\$ 145,000,000
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Projects Contracted This FY

1 None	\$ -
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Total Funds Contracted	\$ -
Funds Balance	\$ 145,000,000

Projects with Funds Committed

1 None	\$ -
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Total Funds Committed	\$ -
Funds Balance	\$ 145,000,000

Projects Authorized

1 Washington County Water Conservancy District	RE494	\$ 195,000,000	06/26/25
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Total Funds Authorized	\$ 195,000,000
Remaining Funds Available	(End of year balance if all listed projects were fully paid) \$ (50,000,000)

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

SMALL SYSTEM SECONDARY METER GRANT FUNDS

Funding Status August 21, 2025

Funds Available for Projects This FY	\$ 208,000
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Projects Contracted This FY

1 None	\$ -
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Total Funds Contracted	\$ -
Funds Balance	\$ 208,000

Projects with Funds Committed

1 None	\$ -
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Total Funds Committed	\$ -
Funds Balance	\$ 208,000

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

August 21, 2025

ADDITIONAL FUTURE FUNDING NEEDS

	Sponsor	No.	Fund	Est. Board Cost	Total Cost	
	1 Bear River Canal Company	RE467	RCF	\$ 245,000	\$ 500,000	01/19/23
*	2 Cache Highline Water Association	RE501	RCF	255,000	795,000	07/25/25
	3 Coyote & East Fork Irrigation Co	RE411	RCF	722,500	1,700,000	08/09/18
	4 Ferron Canal & Reservoir Co	RE320	C&D	2,720,000	3,200,000	10/11/12
	5 Glendale Irrigation Co	RE408	C&D	1,109,000	1,305,000	02/08/18
	6 Glenwood Town (NRCS Dam Safety Grant)	RC056	RCF	969,000	3,568,000	05/10/18
	7 Grantsville City	RE485	C&D	3,265,000	3,840,000	04/19/24
	8 Greendale Canal Company	RE487	C&D	1,775,000	6,175,000	05/23/24
	9 Hooper Irrigation Co (Press Irr, Ph 3+)	RE060R3	C&D	11,033,000	12,980,000	01/25/02
	10 Morgan City	RL589	CWL	2,552,000	6,004,200	08/19/22
	11 Sanpete WCD (Narrows Dam)	RD377	C&D	29,325,000	34,500,000	04/07/83
	12 Settlement Canyon Irrigation Co (Phase 2)	RE240	C&D	552,500	650,000	10/02/08
*	13 Smithfield Irrigation Co	RE500	RCF	952,000	3,100,000	07/25/25
	14 Veyo Irrigation Company	RE498	RCF	950,000	2,150,000	06/13/25
	15 Wellsville-Mendon Conservation District	RE364	C&D	680,000	800,000	03/18/15
	Subtotal			\$ 57,105,000	\$ 81,267,000	

* New Application

BOARD OF WATER RESOURCES

Feasibility Report



Applicant: Lake Creek Irrigation Company

Project Number: RE499
Fund: Conservation and Development Fund
Cost Estimate: \$10,170,000
Board Funding: \$8,645,000

Application Received: 6/6/2025
Board Meeting Date: 8/21/2025

Board Member: Michael K. Davis
Project Manager: Ben Marett

Project Summary: The purpose of the project is to install about 6,000 feet of 30-inch pipeline, 6,500 feet of 24-inch pipeline, and a 2,000-foot system loop, replace a diversion structure and install an intake screen, replace an aging pressure reducing valve (PRV) and construct a new vault, and install a system water meter in a new vault.

Recommendation: Staff recommends the board authorize 85% of the project cost, up to \$8,645,000, and that the project be purchased at 1.26% interest over 30 years with annual payments of approximately \$347,800.

Project Contacts:

President:
George Holmes
PO Box 306
Heber City, UT 84032
435-503-0465

Secretary:
Melissa McKrola
PO Box 306
Heber City, UT 84032
435-671-7138

Engineer:
Nathan Davis
Bowen Collins & Associates
154 East 14075 South
Draper, UT 84020
801-495-2224



Location

The proposed project is located about four miles east of Heber City in Wasatch County.

Introduction & Background

Lake Creek Irrigation Company was founded in 1890 but not officially incorporated until 1943. There are approximately 1,600 shares in the company held by 367 shareholders providing agricultural water to approximately 1,600 acres. The Applicant directly serves 287 secondary connections. Twin Creeks Special Service District (TCSSD) holds shares in Lake Creek Irrigation Company and provides water to an additional 720 secondary irrigation connections. All of the Applicant's secondary connections are metered and based on data submitted to the Division of Water Rights, TCSSD's secondary system is also fully metered. Current annual assessments are \$190/acre for agricultural shares and \$225/secondary connection.

The Applicant provides pressurized irrigation water from Lake Creek, its tributaries, and Jordanelle Reservoir to the area east of Heber City, and holds about 1,300 acre-feet of storage in Witts Lake, Deer Valley Reservoir, and other ponds. Water is delivered to agricultural water users, secondary water users, and to the TCSSD drinking water treatment facility.

Historically, water shortages have occurred after the "high water" drops off in late June. The Applicant administers water through primary shares (which allow the users to have water throughout the irrigation season), and three classes of High-Water shares (which allow use of water until spring runoff concludes). The Applicant has a contract that allows it to lease up to 1,650 acre-feet of Central Utah Project (CUP) water from Jordanelle Reservoir. The project includes constructing facilities to utilize that water and improve the efficiency and screening of its supply from Lake Creek sources.

The Applicant received funding from the board ten times between 1957 and 1998. The various projects include canal lining, pipeline and pump station installation, work to fully pressurize the irrigation system, modifications for secondary irrigation use, and repairs to its dams. One project currently has an outstanding balance which is scheduled to be fully repaid by 2030.

Existing Conditions & Problems

A water master plan was prepared by Bowen Collins & Associates in 2023. As part of the water master plan, a hydraulic model was created to evaluate the Applicant's water system. Results showed that high water velocity in the 1200 South pipeline is causing excessive head loss. This leads to insufficient pressure in certain pressure zones of the distribution network during peak demand. As population growth spurs the conversion of agricultural water use to residential it is expected these pressure deficiencies will increase. Because of the configuration of the distribution system, there are areas within the network where low pressures frequently occur.

Water is diverted into the Heber Light and Power (HL&P) Pond before it enters the distribution system. There currently is not a screening structure on either the diversion structure or the intake pipe at the pond. Additionally, the existing diversion structure on Lake Creek is in need of repair. Debris and vegetation that exist naturally in Lake Creek and the pond enter the distribution system causing blockages for end users. The Applicant currently does not have the capability to meter all flows going into the system.

Proposed Project

The proposed project includes upsizing approximately 6,000 feet of pipeline from 16- to 30-inch, upsizing 6,500 feet of pipeline from 16- to 24-inch, and installing 2,000 feet of 16-inch pipeline to form a loop in the distribution system.

The project also includes removing the existing diversion structure on Lake Creek and installing a new one. The new intake structure will be outfitted with a screen which will reduce debris entering the distribution system. The diversion structure will directly feed the Applicant's distribution system and the TCSSD treatment plant. The HL&P pond will continue to serve as a peaking pond.

A meter will be installed to provide better information about the Applicant's overall water usage. An old pressure reducing valve (PRV) will be taken out of service and replaced with a new vault and PRV.

Bowen Collins & Associates has been hired as the design and construction engineer. The project is scheduled for work to begin fall 2025 and conclude spring 2026.

Benefits

- **Pipeline upsize**
 - Provide additional capacity on the main system line from Lake Creek.
 - Decrease flow velocity and associated head loss to address low-pressure issues.
 - Accommodate projected growth and changing usage patterns associated with agriculture to both secondary irrigation and drinking water use.
- **Pipeline loop**
 - Provide a second entry point from one pressure zone to another to address low-pressure issues.
- **Diversion structure and screen**
 - Increase water quality and reduce blockages.
 - Improve water quality for TCSSD's drinking water treatment plant.
- **New water system meter**
 - Provide more accurate and complete data on system consumption.



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	1200 South Upsize – 30"	6,000	LF	\$600	\$3,600,000
2	1200 South Upsize – 24"	6,500	LF	475	3,088,000
3	16" Loop	2,000	LF	400	800,000
4	12" PRV Station & Vault	1	EA	200,000	200,000
5	Diversion Structure	1	EA	515,000	515,000
6	Water Meter & Vault	1	EA	200,000	200,000
Construction Cost					\$8,403,000
Contingency					841,000
Design & Construction Engineering					841,000
Legal and Administrative					85,000
TOTAL					\$10,170,000

Cost Sharing & Repayment

The recommended cost sharing and repayment are:

Agency	Cost Sharing	% of Total
Board of Water Resources	\$8,645,000	85%
Applicant	1,525,000	15
TOTAL	\$10,170,000	100%

Staff recommends the board authorize 85% of the project cost, up to \$8,645,000, and that the project be purchased at 1.26% interest over 30 years with annual payments of approximately \$347,800.

The Applicant directly services approximately 1,600 acres of agricultural land and 144 acres of irrigated residential landscape (secondary water). With interest rates at 1.0% for agriculture and 4.12% for residential use, the pro-rated interest rate for the project is 1.26%.

Economic Feasibility

A project is economically feasible if its quantifiable economic benefits outweigh its costs. The overall economic benefits from this project have been calculated to be approximately \$407,000 annually resulting from increased crop yield, reduced pumping and operation and maintenance costs. These benefits are in addition to the qualitative benefits previously mentioned. When project benefits and costs are considered over a 50-year project life, the benefit/cost ratio is 2.00.



Financial Feasibility

Economic benefits of the proposed project are listed in the table below.

Benefit	Amount
Estimated Annual Net Increased Crop Income	\$376,000
Reduced Operation & Maintenance Costs (Agriculture)	20,000
Reduced Operation & Maintenance Costs (Secondary)	5,000
Reduced Pumping Costs (Entire System)	6,000
NET ANNUAL BENEFIT	\$407,000

With the board's proposed cost share of 85%, the potential repayment would be calculated as 85% of the net annual benefit, or \$346,000. However, that results in a repayment term of over 30 years. Limiting the repayment period to 30 years, with an interest rate of 1.26%, the recommended repayment is approximately \$347,800.

Water Rights & Supply

The following water rights were provided by the Applicant for this project:

Water Right Number	Flow / Volume
55-8155*	7.10 cfs
55-8156*	5.22 cfs
55-8157*	0.72 cfs
55-8158*	14 cfs
55-7090	11.38 cfs or 265 ac-ft
55-8159	Witt Reservoir fill water (capacity 1,226 ac-ft)
55-8160	Deer Valley No. 1 & No. 2 fill water (capacity 138 ac-ft)

* These water rights pertain to the Lake Creek Decree which gives the right to divert water from Lake Creek in excess of the natural flow. The proposed project's intended purpose is to construct the infrastructure necessary to divert these flows.

Easements

One additional easement will be required for the project. The landowner is currently on the board for the Lake Creek Irrigation Company and is in favor of the project.

Environmental

The Applicant will be required to obtain a stream alteration permit for the proposed project.

Water Efficiency

The project will increase the system's efficiency by reducing water loss through evaporation and seepage at the HL&P pond. The addition of the mainline water meter will also help the Applicant to decrease water use by increasing awareness of system consumption. The increased efficiency is expected to be equivalent to about 700 acre-feet annually. This increase will allow the Applicant to preserve their storage longer to be used later in the season for additional crop yield. It will also allow the Applicant to have additional supply for future growth and drought resilience as the system converts to more residential use.

The Applicant does not have a current Water Conservation Plan (WCP) on file with the Division. A WCP must be submitted, reviewed, and approved by the Division's Water Conservation Section and adopted by the water provider as indicated in Utah Code 73-10-32.

For the committal of funds, the WCP must be submitted three weeks prior to the date of the board meeting. Project funds will not be released until the WCP is approved by the Division and adopted by the Applicant.

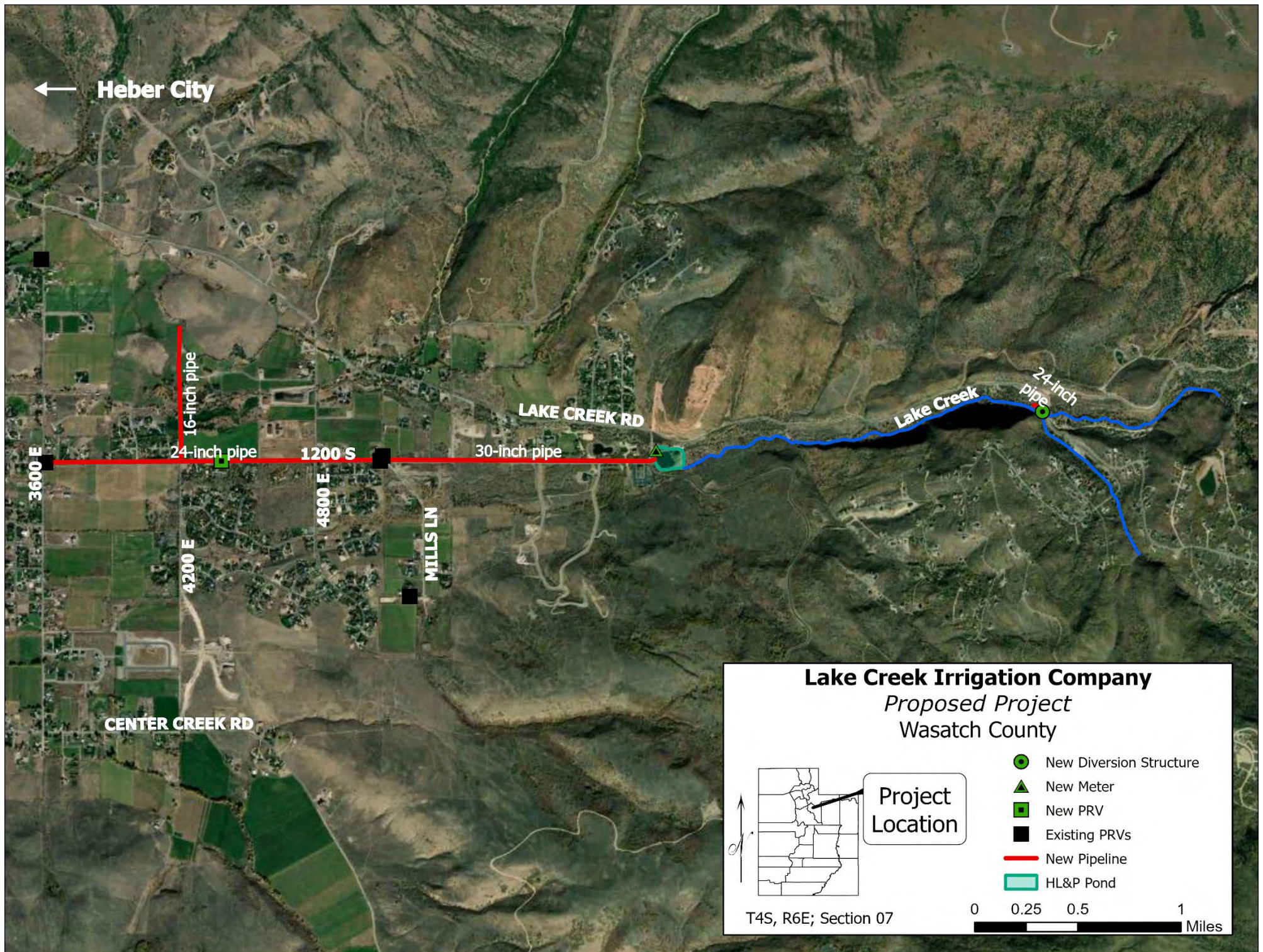
Applicant's Responsibilities

If the board authorizes the proposed project, the Applicant must do the following before a purchase agreement can be executed:

1. Obtain all easements, rights-of-way, and permits required to construct, operate, and maintain the project.
2. Pass a resolution by the appropriate majority (as defined in the company's Articles of Incorporation and Bylaws) authorizing its officers to do the following:
 - a. Assign properties, easements, and water rights required for the project to the Board of Water Resources.
 - b. Enter into a contract with the Board of Water Resources for construction of the project and subsequent purchase from the board.
3. Have an attorney give the Board of Water Resources a written legal opinion that:
 - a. The company is legally incorporated for at least the term of the purchase contract and is in good standing with the state Department of Commerce.
 - b. The company has legally passed the above resolution in accordance with the requirements of state law and the company's Articles of Incorporation and Bylaws.
 - c. The company has obtained all permits required for the project.
 - d. The company owns all easements and rights-of-way for the project, as well as the land on which the project is located, and that title to these easements, rights-of-way, and the project itself can be legally transferred to the board.
 - e. The company's water rights applicable to the project are unencumbered and legally transferable to the Board of Water Resources, and that they cover the land to be irrigated by the project.
 - f. The company is in compliance with sections 73-10-33, 10-9a-211, and 17-27a-211 of the Utah Code governing management plans for water conveyance facilities.



4. Submit or update a water conservation plan for its service area, and obtain approval of it from the Division of Water Resources (Utah Code 73-10-32).
5. Obtain approval of final plans and specifications from the Division of Water Resources.
6. Adopt a rule prohibiting its system users from irrigating landscapes between the hours of 10:00 a.m. and 6:00 p.m.
7. Adopt a progressive water rate schedule for non-agricultural use.



← Heber City

3600 E

16-inch pipe

24-inch pipe

1200 S

4800 E

MILLS LN

LAKE CREEK RD

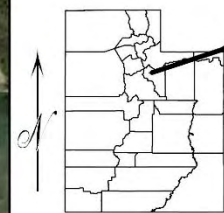
30-inch pipe

24-inch pipe

Lake Creek

CENTER CREEK RD

Lake Creek Irrigation Company Proposed Project Wasatch County



Project
Location

- New Diversion Structure
- New Meter
- New PRV
- Existing PRVs
- New Pipeline
- HL&P Pond

T4S, R6E; Section 07

0 0.25 0.5 1
Miles

BOARD OF WATER RESOURCES
Committal of Funds



Applicant: **Davis & Weber Counties Canal Company**

Project Number: RE472
Fund: Revolving Construction Fund
Total Cost: \$1,175,000
Board Funding: \$999,000

Application Received: 9/7/2023
Authorized: 12/5/2023
Board Meeting Date: 8/21/2025

Board Member: Tim Hawkes
Project Manager: Tom Cox

Project Summary: The purpose of the project is to install approximately 580 feet of HDPE pipe to provide an emergency discharge point from the Davis & Weber Canal. Approximately 1,700 feet of unlined discharge channel will also be improved.

Recommendation: Staff recommends the board commit 85% of the project cost, up to \$999,000, and that the project be purchased at 0% interest over 20 years, with annual payments of approximately \$50,000.

Project Contacts:

President:
Scott Paxman
138 W. 1300 N.
Sunset, UT 84015
801-771-1677

Manager:
Rick Smith
138 W. 1300 N.
Sunset, UT 84015
801-774-6373

Engineer:
Jon Frazier, JUB Engineers
466 Kays Drive
Kaysville, UT 84037
801-547-0393



Location

The proposed project is located in Riverdale in Davis County.

Project Summary

The purpose of the project is to install approximately 580 feet of HDPE pipe to provide an emergency discharge point from the Davis & Weber Canal. Approximately 1,700 feet of unlined discharge canal will also be improved. The project was delayed while the Applicant proceeded with other projects, but they are now ready to move forward with the penstock replacement.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources	\$999,000	85%
Applicant	176,000	15
TOTAL	\$1,175,000	100%

Repayment

Staff recommends the board commit 85% of the project cost, up to \$999,000, and that the project be purchased at 0% interest over 20 years, with annual payments of approximately \$50,000.

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **Co-op Farm Irrigation Company**

Project Number: RE495
Fund: Revolving Construction Fund
Total Cost: \$1,994,000
Board Funding: \$348,000

Application Received: 3/3/2025
Authorized: 5/15/2025
Board Meeting Date: 8/21/2025

Board Member: Tim Hawkes
Project Manager: Ethan Stayner

Project Summary: The purpose of the project is to pressurize the existing system by replacing aging concrete pipes and open canal with about 18,400 feet of HDPE pipe and install a new diversion structure.

Recommendation: Staff recommends the board commit 17.5% of the project cost, up to \$348,000, and that the project be purchased at 0% interest over 15 years, with annual payments of approximately \$23,200.

Project Contacts:

President: Paul Joyce 1041 South 9150 East Huntsville, UT 84317 801-725-4766	Vice President: Bill White 255 South 7200 East Huntsville, UT 84317 801-518-7422	Secretary: Debra Perry 1285 South 9400 East Huntsville, UT 84317 801-745-7531	Engineer: Brian Deeter J-U-B Engineers, Inc. 466 North 900 West Kaysville, UT 84037 801-547-0393
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Location

The proposed project is located about four miles east of Huntsville in Weber County.

Project Summary

The purpose of the project is to replace the shared conveyance system with about 14,000 feet of 20-inch and 24-inch HDPE pipe. An additional 4,250 feet of the Applicant's system will be replaced with 6-inch HDPE pipe. This will allow the applicant's system to be fully pressurized. Additionally, a new diversion structure on the South Fork of the Ogden River will be installed, and turnouts and connections will be upgraded and metered.

The board authorized this project in May 2025, and the applicant has completed the necessary legal requirements to be able to commit funds. The project's scope and schedule remain unchanged, with construction set to begin in October 2025 following the irrigation season. The 2025 UDAF grant has been awarded.

Water Efficiency

As noted in the Feasibility report, the project will increase the system's efficiency by minimizing water losses due to evaporation, seepage, and leaks. As a result, approximately 335 acre-feet of water is expected to be conserved and stored in the reservoir, allowing it to be used later in the season to support additional crop yield.

The Applicant has a current Water Conservation Plan that was adopted in May 2025 and approved by the Division of Water Resources. Their plan includes the following goal:

- Water reduction goal of 21% by 2030. The following are steps the Applicant will take to reach this goal:
 - Pipe the entire canal by the start of the 2026 irrigation season
 - Encourage users to convert from flood- to sprinkle-irrigation
 - Encourage residential users to install smart water controllers and seek rebates from Weber Basin Water Conservancy District.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized.

Agency	Proposed Cost Sharing	% of Total
Board of Water Resources	\$348,000	17.5%
USBR WEEG	561,300	28.1
UDAF Grant 2023	451,700	22.7
UDAF Grant 2025	434,400	21.8
Applicant	198,600	9.9
TOTAL	\$1,994,000	100%

Repayment

Staff recommends the board commit 17.5% of the project cost, up to \$348,000, and that the project be purchased at 0% interest over 15 years, with annual payments of approximately \$23,200.

BOARD OF WATER RESOURCES
Committal of Funds



Applicant: **Huntsville South Bench Canal Company**

Project Number: RE496
Fund: Revolving Construction Fund
Total Cost: \$1,990,000
Total Cost: \$320,000

Application Received: 3/3/2025
Authorized: 5/15/2025
Board Meeting Date: 8/21/2025

Board Member: Tim Hawkes
Project Manager: Brad Caldwell

Project Summary: The purpose of the project is to pressurize the existing irrigation system by replacing a concrete-lined canal and existing pipe with about 18,400 feet of HDPE pipe and install a new diversion structure.

Recommendation: Staff recommends the board commit 16.1% of the project cost, up to \$320,000, and that the project be purchased at 0% interest over 15 years, with annual payments of approximately \$21,350.

Project Contacts:

President:
Gregory Graves
1440 South 8000 East
Huntsville, UT 84317
801-648-6822

Secretary/Treasurer:
Sandra Walker
PO Box 235
Huntsville, UT 84317
801-668-4369

Engineer:
Brian Deeter
J-U-B Engineers, Inc.
446 North 900 West
Kaysville, UT 84037
801-547-0393



Location

The proposed project is located south of Pineview Reservoir, near Huntsville, in Weber County.

Project Summary

The purpose of the project is to replace the shared conveyance system with approximately 14,000 feet of 20-inch and 24-inch HDPE pipe. An additional 2,560 feet of the Applicant's system will be replaced with 10-inch and 20-inch HDPE pipe. The project also includes the installation of a new diversion structure, along with replacement of turnouts and service connections, which will be equipped with meters.

The board authorized this project in May 2025, and the applicant has completed the necessary legal requirements to be able to commit funds. The project's scope and schedule remain unchanged, with construction set to begin in October 2025 following the irrigation season. The 2025 UDAF grant has been awarded.

Water Efficiency

As noted in the Feasibility report, the project will increase the system's efficiency by minimizing water losses due to evaporation, seepage, and leaks. As a result, approximately 150 acre-feet of water is expected to be conserved and stored in the reservoir, allowing it to be used later in the season to support additional crop yield.

The applicant has a current Water Conservation Plan that was adopted in June 2025 and approved by the Division of Water Resources. Their plan includes the following goal:

- Water reduction goal of 21% by 2030. The following are steps the applicant will take to reach this goal:
 - Pipe the entire canal by the start of the 2026 irrigation season
 - Encourage users to convert from flood- to sprinkle-irrigation
 - Encourage residential users to install smart water controllers and seek rebates from Weber Basin Water Conservancy District

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized.

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources	\$320,000	16.1%
USBR WEEG	562,100	28.3
UDAF Grant 2023	500,000	25.1
UDAF Grant 2025	408,400	20.5
Applicant	199,500	10.0
TOTAL	\$1,990,000	100%

Repayment

Staff recommends the board commit 16.1% of the project cost, up to \$320,000, and that the project be purchased at 0% interest over 15 years, with annual payments of approximately \$21,350.

BOARD OF WATER RESOURCES

Application Summary



Applicant: **Smithfield Irrigation Company**

Project Number: RE500
Fund: Revolving Construction Fund
Cost Estimate: \$3,100,000
Board Funding: \$952,000

Application Received: 7/25/2025
Board Meeting Date: 8/21/2025

Board Member: TBD
Project Manager: Ann Baynard

Project Contacts:

President: Pat Draper 340 East 200 North Smithfield, UT 84335 435-563-3161	Secretary: Luann Hansen 27 West Center Street Smithfield, UT 84335 435-563-3370	Engineer: Steve Wood Sunrise Engineering 2100 North Main Street North Logan, UT 84341 435-563-3734
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Location

The proposed project is located in and around Smithfield City in Cache County.

Proposed Project

The applicant is requesting financial assistance from the board to replace five deteriorated diversion structures and install sediment basins, traveling screens and about 1,000 feet of PVC pipe.

Construction Start Date

October 2025

Water Rights

- 25-6109

BOARD OF WATER RESOURCES

Application Summary



Applicant: Cache Highline Water Association

Project Number: RE501
Fund: Revolving Construction Fund
Cost Estimate: \$795,000
Board Funding: \$255,000

Application Received: 7/25/2025
Board Meeting Date: 8/21/2025

Board Member: TBD
Project Manager: Brad Caldwell

Project Contacts:

President: Jon Wells 279 South 300 West Smithfield, UT 84335 435-799-5691	Finance Director: Lyle Thornley PO Box 100 Providence, UT 84332 435-757-2393	Engineer: Steve Wood Sunrise Engineering 2100 North Main Street North Logan, UT 84341 435-563-3734
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Location

The proposed project is located in Smithfield City in Cache County.

Proposed Project

The applicant is requesting financial assistance from the board to replace about 120 feet of an above-ground, 36-inch deteriorating pipe and install a sediment basin and traveling screen.

Construction Start Date

October 2025

Water Rights

- 25-3055
- 25-6145
- 25-6146
- 25-6147
- 25-6148

BOARD OF WATER RESOURCES

Report Summary



Secondary Meter ARPA Grant Returned Funds August 21, 2025

Returned Funds

The Board authorized, committed and contracted all ARPA grants for secondary meter and alternative water conservation projects before the end of 2024. Some applicants are completing their projects under budget, and others have been deemed exempt from the metering requirements, which means ARPA funds are being returned. Federal law allows the Board to reallocate these funds for additional secondary meter projects to qualified applicants. The Governor's Office of Planning and Budget has clarified that returned funds cannot be reallocated for alternative water conservation projects. According to Utah Code §73-10-34.5, grants awarded in 2025 may not exceed 60% of project costs, while grants in 2026 may not exceed 50%. The requirement to have all funds spent by December 31, 2026 still applies.

In order to reallocate these funds at the 60% grant amount and allow staff and the Board to complete the processes necessary this year, it is requested that the Board set a fifth application period and also require applicants to meet all Board, State, and Federal requirements necessary to enter into a contract, at the time of application.

It is important to note that statutory requirements and limitations have not changed since the last application period. Secondary water providers who supply pressurized secondary water to end users are eligible to apply. Grants are only available for new secondary meters on connections that existed before May 4, 2022.

Staff Recommendations

Staff recommends the Board set a fifth application period of September 8, 2025 through October 10, 2025.

Staff also recommends that the Board state that only applicants who meet all the Board, State and Federal requirements to receive ARPA grant funds, at the time of application, are eligible in this round.

Presented by Shalaine DeBernardi, Assistant Director

BOARD OF WATER RESOURCES

Report Summary



Lake Powell Pipeline Update and Contract Amendment Requests August 21, 2025

- Colorado River evaluation by Basin States
- Focus on water conservation and reuse
- Bureau of Reclamation has minimized work on the Supplemental Draft Environmental Impact Statement (SDEIS)
- Ethnographic Study Update
- Contracts Update
 - o Bureau of Reclamation Task Order – time-only extension through 2027 (see staff recommendation below)
 - o Stantec Contract – time-only extension through 2027 (see staff recommendation below)
 - o Bureau of Land Management Cost Recovery Agreement
 - o Kaibab Band of Paiute Indians

Presented by Eric Dixon, P.E., Lake Powell Pipeline Project Manager

Staff recommends the Board amend the contract with the Bureau of Reclamation for two additional years, until September 30, 2027, to continue the work in the Task Order. No additional funds will be provided for this amendment.

Staff recommends the Board amend the contract with Stantec for two additional years, until December 31, 2027, to continue the work approved in 2020. No additional funds will be provided for this amendment.

BOARD OF WATER RESOURCES

Report Summary



Green River Block – Third Party Contract

August 21, 2025

Background

- In 1996, the Bureau of Reclamation assigned the water right associated with the Ultimate Phase of the Central Utah Project to the Board of Water Resources. The Board divided this water right into two blocks: one for development and use on the Green River (72,641 AF) and one for use in the Lake Powell Pipeline (86,249 AF).
- Since 1996, the Board has assigned much of Green River Block water right to multiple water users for the purpose of developing the use of water on the Green River.
- As part of the assignment to the State of Utah, the Board agreed that it would enter into a water service agreement if it stores water in or directly benefits from Colorado River Storage Project (CRSP) facilities.
- To ensure conformance with the water service agreement provision of the assignment, the Board entered into a contract with the Bureau of Reclamation for the exchange of Green River Block water.
- Under the exchange, the Board allows a certain amount of natural flow down the Green River to assist the Bureau in meeting its obligations under the Endangered Species Act in those reaches, and in exchange, the State is entitled to deplete an equal amount of water from releases from Flaming Gorge.
- Under the Green River Block Contract, the Board agreed to make annual payments to the United States as compensation for the benefits received under the Contract. The annual payment is based on the annual contract rate multiplied by the number of acre-feet depleted each year ("Contract Rate").
- The Board also agreed to pay the United States a proportionate share of the annual operation and maintenance costs, which amount is equal to \$3.37 per acre-foot ("O&M Assessment"), to be assessed on the amount of annual depletions that occur due to any changed uses of Green River Block water that are part of a change application filed after 2019.
- The Green River Block Contract between the Bureau and the Board requires the Board to enter into a third party contract with any user of a segregated portion when the user seeks a change application. These third party contracts stipulate that the user will reimburse the Board for the Contract Rate and the O&M Assessment.



- Kent Raim acquired a segregated portion of the assigned water right from Uintah Water Conservancy District. Mr. Raim applied to the Colorado River Authority to use this water right as part of the Demand Management Pilot Project. To do so, Mr. Raim is required to file a fixed-time change application, which triggers the third party contract requirement under the Board's contract with the Bureau.

Recommendation

I recommend the Board approve the Third Party Contract with Kent Raim to reimburse the Board for the payment to the Bureau of Reclamation of fees associated with the Green River Block water rights.

Presented by Sarah Shechter, Assistant Attorney General

Unapproved

BOARD OF WATER RESOURCES

BRIEFING MEETING

MINUTES

June 26, 2025

Utah Department of Natural Resources

UTAH BOARD OF WATER RESOURCES

BOARD BRIEFING MEETING

June 26, 2025

10:00 AM

BOARD MEMBERS PRESENT

Chair Mike Davis

Vice Chair Dana Van Horn (online)

Blaine Ipson (online)

Spencer Jones

Juliette Tennert

Brian Steed

BOARD MEMBERS EXCUSED

Tim Hawkes

William Merkley

STAFF PRESENT

Director Candice Hasenyager

Deputy Director Joel Williams

Assistant Director Shalaine DeBernardi

Assistant Director Todd Stonely

Marisa Egbert (online)

Sjaani White

Tom Cox

Ben Marett

Ann Baynard

Brad Caldwell

Eric Dixon

Michael Sanchez

Justine Jedlicka

Aaron Austin

Jessica Cheun

Sarah Shechter, Attorney General's Office

AV Team Carmen McDonald & Seth Magers

OTHERS

Japheth Mcgee, Zions Bank

WELCOME

CHAIR MIKE DAVIS called the meeting to order at 10:04 AM. He then announced Board members TIM HAWKES and WILLIAM MERKLEY were excused from this meeting. Board members present introduced themselves.

CANDICE HASENYAGER introduced the staff present and those online.

AARON AUSTIN introduced new employee JUSTINE JEDLICKA

Project #	Applicant	County	Project Manager
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FEASIBILITY REPORTS:

RE494	Washington County Water Conservancy District	Washington	Tom Cox
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TOM COX summarized the report and indicated that the district will be asking for more favorable terms. The board asked staff to prepare alternative repayment schedules before the board meeting.

SPECIAL ITEMS:

RC070	Washington County WCD (Kolob Dam)	Washington	Tom Cox
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TOM COX summarized the report.

WATERWISE PLANT SELECTOR APP:

CANDACE SCHAIBLE will present online in the afternoon.

INFORMATION TO THE BOARD:

CANDICE HASENYAGER will give an update about her trip to Washington DC on Tuesday where she provided testimony at a congressional hearing on the US Bureau of Reclamation's Snow Water Forecasting Program.

SHALAINE DEBERNARDI presented the Status of Funds.

JIM EGBERT provided an update about ARPA funds.

BEN MARETT provided an update about FEMA HHPD grant projects.

SARAH SHECTER provided an update about the Great Salt Lake Public Trust lawsuit.

ERIC DIXON presented an update of the Unified Water Infrastructure Plan (UWIP).

ADJOURNMENT:

BRIAN STEED moved to adjourn the meeting at 11:53 AM. SPENCER JONES seconded the motion.

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SUMMARY OF BOARD ACTIONS

JUNE 26, 2025

1. **APPROVAL OF MINUTES:** BRIAN STEED moved to approve the May 15, 2025 meeting minutes. SPENCER JONES seconded the motion. All voted in favor and the motion passed.
2. **RE494 Washington County Water Conservancy District** SPENCER JONES moved the Board authorize 47.2% of Phase I project costs, up to \$195,000,000, and that the bonded indebtedness be returned at 0.5% interest over 30 years, with annual payments of approximately \$5,540,000 (including reserves). JULIETTE TENNERT seconded the motion. All voted in favor and the motion passed.
3. **RC070 Washington County WCD (Kolob Dam)** SPENCER JONES moved the Board commit 80% of the project cost, up to \$1,200,000, as a dam safety grant. BRIAN STEED seconded the motion. All voted in favor and the motion passed.
4. **ADJOURNMENT:** BRIAN STEED moved to adjourn the meeting. SPENCER JONES seconded the motion. The meeting adjourned at 2:19 PM

THOSE PRESENT

BOARD MEMBERS PRESENT

Chair Mike Davis
Vice Chair Dana Van Horn (Online)
Blaine Ipson (Online)
Juliette Tennert
Spencer Jones
Brian Steed

BOARD MEMBERS EXCUSED

William Merkley
Tim Hawkes

STAFF PRESENT

Director Candice Hasenyager
Deputy Director Joel Williams
Assistant Director Shalaine De Bernardi
Tom Cox
Bradley Caldwell
Jessica Cheun
Eric Dixon
Sjaani White
Michael Sanchez
Candace Schaible (online)
Marisa Egbert (online)
Sarah Shechter, Attorney General's Office
AV Team Seth Magers & Carmen McDonald

OTHERS PRESENT

Jacob Sullivan, Washington County Water Conservancy District
Zach Restrom, Washington County Water Conservancy District
Johnathan Ward, Zions Public Finance
Ben Winslow, KSTU FOX 13 News

Utah Board of Water Resources
Board Meeting
June 26, 2025
1:00 PM
Department of Natural Resources
1594 W. North Temple
Salt Lake City, UT 84114

CHAIR MIKE DAVIS called the meeting to order at 1:02 PM and introduced himself. Board members present and online introduced themselves.

CANDICE HASENYAGER introduced the staff present and those online.

APPROVAL OF MINUTES: BRIAN STEED moved to approve the May 15, 2025 meeting minutes. SPENCER JONES seconded the motion. All voted in favor and the motion passed.

<u>Project#</u>	<u>Applicant</u>	<u>County</u>	<u>Project Manager</u>
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FEASIBILITY REPORTS:

RE494 Washington County Water Conservancy District	Washington	Tom Cox
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TOM COX presented the report.

ZACH RENSTROM thanked staff and presented the district's 20 year plan, highlighting their efforts in conservation. JOHNATHAN WARD provided information about the specific funding for this project and requested changes to the board's financing terms recommended by staff. The board discussed the other funds available for the project, agreements with local partners, and commended the district for leading the state in conservation. The board also discussed their limitations for funding projects, as well as various interest rates and repayment terms.

SPENCER JONES moved the board authorize 47.2% of Phase I project costs, up to \$195,000,000, and that the bonded indebtedness be returned at 0.5% interest over 40 years, with annual payments of approximately \$5,540,000 (including reserves). JULIETTE TENNERT seconded the motion. All voted in favor and the motion passed.

SPECIAL ITEMS:

RC070 Washington County WCD (Kolob Dam)	Washington	Tom Cox
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TOM COX presented the report.

SPENCER JONES moved the Board commit 80% of the project cost, up to \$1,200,000, as a dam safety grant. BRIAN STEED seconded the motion. All voted in favor and the motion passed.

NEW APPLICATIONS:

RE498 Veyo Irrigation Company

Washington

Russell Hadley

RE499 Lake Creek Irrigation Company

Wasatch

Ben Marett

WATERWISE PLANT SELECTOR APP:

CANDACE SCHAIBLE presented a report highlighting the capabilities of the division's waterwise plant selector app, which is available online.

Board members expressed their appreciation for this tool.

DIRECTOR'S REPORT:

CANDICE HASENYAGER this week I had the opportunity to serve as a witness to the US House Natural Resources, Water, Wildlife, and Fisheries Subcommittee regarding the benefits of the Snow Water Supply Forecasting Reauthorization Act of 2025 (H.R. 3857). This is a program through the Bureau of Reclamation (BOR) that provides grant funds. Grant funds have been leveraged in Utah for the "Wings Over Weber" ASO project that Scott McGettigan presented at the last board meeting. Grant funds were also used in the state for the Colorado River Basin that was done in conjunction with the Colorado River Authority of Utah.

The Upper Colorado River Commission is meeting at the Capitol today. The Upper Basin States have been working to stay within the BOR's schedule, really trying to come to an agreement and consensus on the post-2026 guidelines. They have recently offered some new concepts and operational framework to shift the basin from a demand-driven to a supply-driven system.

President Trump has nominated Ted Cooke as the new Commissioner for the Bureau of Reclamation. Ted Cooke was formerly the general manager of the Central Arizona Project.

I presented twice at the Interim session of the Utah Legislature; one presentation on water supply and the other on tiered water rates.

As a reminder, on April 24 the Governor issued a drought declaration executive order for 17 counties, mostly in the southern part of the state. Because of some laws passed during Covid that executive order has expired. The Drought Response Committee met yesterday. Because of the wet spring, some drought conditions have improved and the committee did not recommend a new declaration at this time. The next meeting will be in August.

Crystal Ross helped write a great article about drought and the connections to wildlife and energy. Candice will send the article to the board.

There's been a lot of effort for landscape incentives and rebates. Richmond City is the latest city to adopt the water efficiency standards and their customers are now eligible for landscape incentives. There are now a total of 73 locations that are now eligible.

About 39 systems have their water conservation plans that are due this year. There will be a few outreach events where the Water Conservation section will have a booth.

Work continues on the State Water Plan and there has been outreach to watershed councils. There will also be public scoping meetings, and we're collaborating with agency partners to include more water items than just water resources concerns. The goal is to have a draft to review in January 2026.

CHAIR MIKE DAVIS complimented all the work that Candice and her staff have done. It is a remarkable organization and a benefit to the State of Utah.

ADJOURNMENT: BRIAN STEED moved to adjourn the meeting. SPENCER JONES seconded the motion. The meeting adjourned at 2:19 PM.