BOARD OF WATER RESOURCES

BOARD MEETING

SALT LAKE CITY

October 27, 2022

PLAN

CONSERVE

DEVELOP

PROTECT

Division of Water Resources 1594 West North Temple, #310 SLC, Utah 84114-6201

2022

January						
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2022 Board Meeting Schedule

October 25, 2022 Salt Lake City
December 6, 2022 Salt Lake City

Agenda
Utah Board of Water Resources
Board Briefing Meeting

October 27, 2022
8:00 am

I. WELCOME/CHAIR'S REPORT
*Chair Kyle Stephens

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
October 27, 2022
8:00 AM Briefing
10:00 AM Board Meeting
Utah State Capitol Building
Capitol Board Room (2nd Floor - Room 240)
Link to presentations and public comment form:
https://water.utah.gov/comments/
Livestream Links:
Briefing Meeting: https://youtu.be/7nxpt610MdM
Board Meeting: https://youtu.be/jCO9EZ6dhzs

APPROVAL OF MINUTES

Proj. No.	Applicant	County	Proj. Manager
COMMITTAL OF FUNDS:			
RE454	West Cache Irrigation Company	Cache	Russell Hadley
RM001	Lehi City	Utah	Tom Cox
RM006	Roy Water Conservancy District	Weber	Russell Hadley
RM007	Bountiful Irrigation District	Davis	Tom Cox
RM009	South Weber Water Improvement District	Davis	Tom Cox
RM010	Richmond Irrigation & Power Company	Cache	Tom Cox
RM012	Haights Creek Irrigation Company	Davis	Tom Cox
RM019	Weber-Box Elder Conservation District	Weber	Russell Hadley
RM020	South Ogden Conservation District	Weber	Russell Hadley
RM026	Town of Annabella	Sevier	Ben Marett
RM068	Springdale Consolidated Irrigation Company	Washington	Tom Cox
AUTHORIZATION & COMMITTAL OF FUNDS:			
RM072	Green Canyon Sprinkler Company	Cache	Grant Doty
RM076	Town of Springdale	Washington	Tom Cox
RM078	Charleston Irrigation Company	Wasatch	Ann Baynard
RM079	Center Creek Irrigation Company	Wasatch	Russell Hadley
RM080	Daniel Irrigation Company	Wasatch	Marisa Egbert
RM081	Extension Irrigation Company	Wasatch	Grant Doty
RM082	Wasatch Irrigation Company	Wasatch	Grant Doty
RM083	Spring Creek Irrigation Company	Wasatch	Ann Baynard
RM084	Sage Brush Irrigation Company	Wasatch	Ann Baynard
SPECIAL ITEMS:			
RE399	Central Utah WCD (Expansion of Scope)	Wasatch	Tom Cox
RE416	Davis & Weber Counties Canal Co (Delay Payment)	Davis	Tom Cox
RE443	Sunrise and Bench Creek Irr. Co. (Reauth & COF)	Wasatch	Russell Hadley
RM053	Bluffdale City (Withdrawal of Loan Application)	Salt Lake	Marisa Egbert

NEW APPLICATIONS:

RE460	Davis and Weber Counties Canal Company	Davis	Tom Cox
RE461	Newton Water Users' Association	Cache	Ben Marett

GSL WATERSHED INTEGRATED WATER ASSESSMENT UPDATE:

Todd Stonely

DIRECTOR'S REPORT:

Candice Hasenyager

ADJOURNMENT

BOARD OF WATER RESOURCES

REVOLVING CONSTRUCTION FUND

Funding Status
October 27, 2022

Funds Available for Projects This FY					$ 27,042,000	
Projects Contracted This FY						
1 Consolidated Sevier Bridge Reservoir Co	RC023	**Grant	$ 17,100,000	(Add'l Amt.)		
Total Funds Contracted					$ 17,100,000	
Funds Balance					$ 9,942,000	
Projects with Funds Committed						
1 Ashley Central Irrigation Company	RE427		$ 1,000,000			10/28/21
2 Hodges Irrigation Company	RE459		370,000			08/04/22
3 Huntsville South Bench Canal Co	RE453		224,500			12/07/21
* 4 Sunrise & Bench Creek Irrigation Co	RE443		478,000			01/28/21
5 Washington County Flood Contr. Auth. (Warner)	RC049	**Grant	212,000			03/22/17
6 Washington County Flood Contr. Auth. (Stucki)	RC050	**Grant	88,400			03/22/17
7 West Milburn Irrigation Company	RE442		335,000			10/08/20
Total Funds Committed					$ 2,708,000	
Funds Balance					$ 7,234,000	
Projects Authorized						
1 None			$ -			
Total Funds Authorized					$ -	
Remaining Funds Available	(End of year balance if all listed projects were fully paid)				$ 7,234,000	

* To be presented at Board Meeting
** Dam Safety Projects

BOARD OF WATER RESOURCES

CITIES WATER LOAN FUND

Funding Status
October 27, 2022

Funds Available for Projects This FY			$ 17,038,000	
Bonds Closed This FY				
1 None		$ -		
Total Bonds Closed			$ -	
Funds Balance			$ 17,038,000	
Projects with Funds Committed				
1 None		$ -		
Total Funds Committed			$ -	
Funds Balance			$ 17,038,000	
Projects Authorized				
1 Millville City	RL587	$ 1,598,000		12/05/19
Total Funds Authorized			$ 1,598,000	
Remaining Funds Available	(End of year balance if all listed projects were fully paid)		$ 15,440,000	

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

CONSERVATION & DEVELOPMENT FUND

Funding Status
October 27, 2022

Funds Available for Projects This FY					$ 156,155,000	
Projects Contracted/Bonds Closed This FY						
1 Davis & Weber Counties Canal Company	RM003	**	$ 3,643,000			
Total Funds Contracted/Closed					$ 3,643,000	
Funds Balance					$ 152,512,000	
Projects with Funds Committed						
* 1 Annabella (Town of)	RM026	**	$ 113,000			08/04/22
* 2 Bountiful Irrigation District	RM007	**	3,643,000			08/04/22
3 City of South Salt Lake	RE458		8,500,000			08/04/22
* 4 Haights Creek Irrigation Company	RM012	**	1,822,000			08/04/22
5 Kanab Irrigation Company	RM046	**	162,000			08/04/22
* 6 Lehi City	RM001	**	3,643,000			08/04/22
7 Newton Water Users Association	RM044	**	92,000			08/04/22
8 North Summit Pressurized Irrigation Company	RM055	**	213,000			08/04/22
* 9 Richmond Irrigation & Power Company	RM010	**	606,000			08/04/22
* 10 Roy Water Conservancy District	RM075	**	3,643,000			08/04/22
11 Smithfield Irrigation Company	RM054	**	1,020,000			08/04/22
* 12 South Ogden Conservation District	RM020	**	3,643,000			08/04/22
* 13 South Weber Water Improvement District	RM009	**	933,000			08/04/22
* 14 Springdale Consolidated Irrigation Company	RM068	**	190,000			08/04/22
* 15 Weber-Box Elder Conservation District	RM019	**	3,643,000			08/04/22
* 16 West Cache Irrigation Co	RE454		1,318,000			12/07/21
17 Willow Creek Irrigation Company	RE444		227,750			12/07/21
Total Funds Committed					$ 33,412,000	
Funds Balance					$ 119,100,000	
Projects Authorized						
1 Box Elder Cnty & Perry City Flood Control Dist	RE369		$ 660,000			06/18/15
2 Draper Irrigation Co	RE450		18,700,000			09/16/21
3 Henefer Town	RE431		1,496,000			01/23/20
4 Provo City	RE441		36,750,000			03/23/22
5 Settlement Canyon Irrigation Co (Phase 2)	RE240R2		552,500			10/02/08
6 Summit Creek Irrigation and Canal Co (Phase 4)	RE308		1,198,000		(Add'l Amt.)	03/14/12
7 Veyo Culinary Water Association	RE445		969,000			03/17/21
8 Weber-Box Elder Cons Dist	RE400		1,687,000			08/10/17
9 Woodruff Irrigating Co	RE365		3,200,000			03/18/15
Total Funds Authorized					$ 65,213,000	
Funds Balance					$ 53,887,000	
Secondary Meter Projects Authorized						

1	17th North Water Users	RM066	**	$ 99,500		08/04/22
2	Benchland Water District	RM065	**	2,440,000		08/04/22
3	Centerfield City	RM035	**	402,000		08/04/22
4	Centerville Deuel Creek Irrigation Company	RM056	**	3,075,000		08/04/22
5	Coalville City	RM040	**	332,000		08/04/22
6	Fountain Green Irrigation Co	RM049	**	303,000		08/04/22
7	Gunnison City	RM028	**	1,030,000		08/04/22
8	Heber City	RM038	**	1,997,000		08/04/22
9	Hooper Irrigation Company	RM042	**	798,000		08/04/22
10	Horseshoe Irrigation Company	RM032	**	259,000		08/04/22
11	Hurricane City	RM073	**	703,000		08/04/22
12	Layton City	RM011	**	1,821,000		08/04/22
13	Loa Town	RM075	**	97,000		08/04/22
14	Manti City Creek WUMA	RM034	**	956,000		08/04/22
15	Mayfield Irrigation Company	RM036	**	253,000		08/04/22
16	Moroni City	RM059	**	346,000		08/04/22
17	Mountain View Irrigation Company	RM033	**	743,000		08/04/22
18	Nephi Irrigation Company	RM062	**	350,000		08/04/22
19	Newton Town Sprinkling Company	RM045	**	132,000		08/04/22
20	North Logan Sprinkling Company	RM030	**	61,000		08/04/22
21	North Park Irrigation Company	RM015	**	57,500		08/04/22
22	Paradise Irrigation & Reservoir Company	RM064	**	695,000		08/04/22
23	Pleasant Grove City	RM043	**	4,250,000		08/04/22
24	Richards Irrigation Company	RM051	**	145,000		08/04/22
25	South Davis Water District	RM022	**	1,317,000		08/04/22
26	Wellington City	RM058	**	484,000		08/04/22
27	Wolf Creek Irrigation Company	RM067	**	132,600		08/04/22
	Total Funds Authorized				$ 23,279,000	
	Remaining Funds Available	(End of year balance if all listed projects were fully paid)			$ 30,608,000	

* To be presented at Board Meeting
** Secondary Meter Projects

BOARD OF WATER RESOURCES

SMALL SYSTEM SECONDARY METER GRANT FUNDS

Funding Status
October 27, 2022

Funds Available for Projects This FY		$ 2,795,000
Projects Contracted This FY		
1 None	$ -	
Total Funds Contracted		$ -
Funds Balance		$ 2,795,000
Projects with Funds Committed		
None	$ -	
Total Funds Committed		$ -
Funds Balance		$ 2,795,000

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

ARPA SECONDARY METER GRANT FUNDS

Funding Status
October 27, 2022

Funds Available for Projects This FY				$ 250,000,000

Projects Contracted This FY

1	Annabella Town	RM026	$ 475,000	
2	Bountiful Irrigation District	RM007	10,000,000	
3	Bluffdale (City of)	RM053	1,063,000	
4	Cedar Hills (City of)	RM004	1,520,000	
5	Davis & Weber Counties Canal Company	RM003	10,000,000	
6	Draper Irrigation Company	RM049	555,000	
7	Hyrum City	RM008	5,000,000	
8	Richmond Irrigation & Power Company	RM010	1,663,000	
9	Riverton City	RM023	8,806,000	
10	South Ogden Conservation District	RM020	10,000,000	
11	South Weber Irrigation Company	RM052	934,000	
12	Weber-Box Elder Conservation District	RM019	10,000,000	
	Total Funds Contracted			$ 60,016,000
	Funds Balance			$ 189,984,000

Projects with Funds Committed

	1	17th North Water Users	RM066	$ 273,000	08/04/22
	2	American Fork City	RM002	6,559,000	08/04/22
	3	Benchland Water District	RM065	5,000,000	08/04/22
	4	Birch Creek Irrigation Company	RM057	270,000	08/04/22
	5	Browns Meadow Irrigation Association	RM013	189,000	08/04/22
	6	Castle Valley Special Service District	RM027	5,000,000	08/04/22
*	7	Center Creek Irrigation Co	RM079	168,000	
	8	Center Hyde Park Water Pipeline Company	RM063	91,000	08/04/22
	9	Centerfield City	RM035	1,102,000	08/04/22
	10	Centerville Deuel Creek Irrigation Company	RM056	5,000,000	08/04/22
*	11	Charleston Irrigation Co	RM078	231,000	
	12	Coalville City	RM040	910,000	08/04/22
*	13	Daniel Irrigation Co	RM080	396,000	
*	14	Extension Irrigation Co	RM081	28,000	
	15	Fountain Green Irrigation Company	RM049	832,000	08/04/22
	16	Fruit Heights City	RM061	196,000	08/04/22
	17	Green Belt Irrigation Company	RM025	50,400	08/04/22
*	18	Green Canyon Sprinkler Co	RM072	389,000	
	19	Gunnison City	RM028	2,828,000	08/04/22
	20	Haights Creek Irrigation Company	RM012	5,000,000	08/04/22
	21	Heber City	RM038	5,000,000	08/04/22
	22	Highland (City of)	RM016	5,000,000	08/04/22
	23	Hooper Irrigation Company	RM042	2,191,000	08/04/22
	24	Horseshoe Irrigation Company	RM032	710,000	08/04/22
	25	Hurricane City	RM073	1,967,000	08/04/22
	26	Kanab Irrigation Company	RM046	445,000	08/04/22

	27	Layton City	RM011	5,000,000	08/04/22
	28	Leeds Water Company	RM069	364,000	08/04/22
	29	Lehi City	RM001	10,000,000	08/04/22
	30	Liberty Irrigation Association	RM041	560,000	08/04/22
	31	Lindon City	RM039	758,000	08/04/22
	32	Loa Town	RM075	266,000	08/04/22
	33	Manti City Creek WUMA	RM034	2,623,000	08/04/22
	34	Mayfield Irrigation Company	RM036	696,000	08/04/22
	35	Moroni City	RM059	949,000	08/04/22
	36	Mountain View Irrigation Company	RM033	2,039,000	08/04/22
	37	Newton Town Sprinkling Company	RM045	360,000	08/04/22
	38	Newton Water Users Association	RM044	252,000	08/04/22
	39	North Dry Creek Irrigation Company	RM018	168,700	08/04/22
	40	North Park Irrigation Company	RM015	157,500	08/04/22
	41	North Summit Pressurized Irrigation Company	RM055	584,000	08/04/22
	42	Paradise Irrigation & Reservoir Company	RM064	1,908,000	08/04/22
	43	Pleasant Grove City	RM043	10,000,000	08/04/22
	44	Richards Irrigation Company	RM051	398,000	08/04/22
	45	Roy Water Conservancy District	RM075	10,000,000	08/04/22
*	46	Sage Brush Irrigation Company	RM084	35,000	
	47	Settlement Canyon Irrigation Company	RM037	490,000	08/04/22
	48	Smithfield City	RM021	287,000	08/04/22
	49	Smithfield Irrigation Company	RM054	2,800,000	08/04/22
	50	South Davis Water District	RM022	3,615,000	08/04/22
	51	South Despain Ditch Company	RM017	345,800	08/04/22
	52	South Weber Water Improvement District	RM009	2,562,000	08/04/22
	53	Springdale Consolidated Irrigation Company	RM068	417,000	08/04/22
*	54	Spring Creek Irrigation Co	RM083	78,400	
	55	Syracuse City	RM029	10,000,000	08/04/22
	56	Timpanogos Canal Company	RM060	287,000	08/04/22
*	57	Town of Springdale	RM076	90,000	
	58	Upper East Union Irrigation Company	RM031	210,000	08/04/22
*	59	Wasatch Irrigation Company	RM082	217,000	
	60	Weber Basin Water Conservancy District	RM005	10,000,000	08/04/22
	61	Wellington City	RM058	1,328,000	08/04/22
	62	Willow Creek Irrigation Company	RM050	273,000	08/04/22
	63	Wolf Creek Irrigation Company	RM067	364,000	08/04/22
		Total Funds Committed			$ 130,308,000
		Funds Balance			$ 59,676,000

Projects Authorized

1	Johnson Park Pipeline Company	RM024	$ 114,800	08/04/22
2	Nephi Irrigation Company	RM062	959,000	08/04/22
3	North Logan Sprinkling Company	RM030	168,000	08/04/22
	Total Funds Authorized			$ 1,242,000
	Funds Balance			$ 58,434,000

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

October 27, 2022

ADDITIONAL FUTURE FUNDING NEEDS

		Sponsor	No.	Fund	Est. Board Cost	Total Cost	
	1	Coyote & East Fork Irrigation Co	RE411	RCF	$ 722,500	$ 1,700,000	08/09/18
	2	Daniel Town	RL580	CWL	1,505,000	2,021,000	05/10/18
*	3	Davis & Weber Counties Canal Company	RE460	C&D	1,445,000	3,200,000	09/19/22
	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	Hooper Irrigation Co (Press Irr, Ph 3+)	RE060R3	C&D	11,033,000	12,980,000	01/25/02
	8	Lehi City	RM074	C&D	3,643,000	4,286,000	07/05/22
	9	Morgan City	RL589	CWL	2,552,000	6,004,200	08/19/22
*	10	Newton Water Users Association	RE461	RCF	390,000	999,500	09/22/22
	11	Sanpete WCD (Narrows Dam)	RD377	C&D	29,325,000	34,500,000	04/07/83
	12	Uintah WCD	RE316	C&D	36,550,000	43,000,000	10/10/13
	13	Weber Basin WCD	RE312	C&D	85,000,000	100,000,000	04/16/12
	14	Wellsville-Mendon Conservation District	RE364	C&D	680,000	800,000	03/18/15
		Subtotal			$ 177,644,000	$ 217,564,000	

ADDITIONAL FUTURE ARPA FUNDING NEEDS

		Sponsor	No.	Fund	Est. Board Cost	Total Cost	
*	1	Lehi City	RM074	ARPA	$ 10,000,000	$ 10,000,000	07/05/22
*	2	Salem City	RM077	ARPA	1,330,000	2,100,000	06/08/22
		Subtotal			$ 11,330,000	$ 12,100,000	

* New Application

Applicant: **West Cache Irrigation Company**

Project Number: RE454
Fund: Conservation and Development Fund
Total Cost: $3,000,000

Application Received: 10/8/2021
Authorized: 12/7/2021
Board Meeting Date: 10/27/2022

Board Member: Charles Holmgren
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to replace three miles of a canal with a pressurized pipe. Five individually owned pumps will be replaced with one high-efficiency centralized pump.

Recommendation: Staff recommends the Board commit 44% of the project cost, up to $1,318,000, and that the project be purchased at 1% interest over 30 years with annual payments of approximately $51,100.

Project Contacts:

President:
Sid Munk
2598 W. 5900 N.
Amalga, UT 84335
435-881-1348

Secretary:
Ed Cottle
1207 S. 400 E.
Trenton, UT 84338
435-764-9910

Engineer:
Steven Wood
Sunrise Engineering
26 S. Main Street
Smithfield, UT 84335
801-573-0769

Location

The proposed project is located in Trenton in Cache County.

Project Summary

The purpose of the project is to replace the North and South Litz ditches with pressurized pipe and install a pump station consisting of three 65-horsepower pumps. All farms will be pressurized at completion.

Since the project was authorized, construction and material costs have increased substantially. The recent bid opening for the project had a low bid that was significantly higher than the engineer's cost estimate. The Applicant has received a grant from the Utah Department of Agriculture and Food (UDAF) to cover some of the increased cost, but they still need more from the Board.

The additional costs result in a Board share of more than $1,000,000, which means the project must be funded from the Conservation and Development Fund rather than the Revolving Construction Fund. In addition, the funding must be returned at 1% interest, rather than 0% interest. As a result of the increased repayment, the Applicant would like to request a repayment term of 35 years, rather than the 30 years authorized.

Cost Estimate & Sharing

The authorized and proposed cost sharing are as follows:

Agency	Authorized Cost Sharing	% of Total	Proposed Cost Sharing	% of Total
Board of Water Resources	$940,000	45.8%	$1,318,000	44.0%
WaterSMART Grant	950,000	46.2	950,000	31.7
UDAF Grant	-	-	500,000	16.7
Applicant	165,000	8.0	232,000	7.6
TOTAL	**$2,055,000**	**100%**	**$3,000,000**	**100%**

Purchase Agreement

Originally the Board authorized 45.8% of the project cost, up to $940,000, and the project was to be purchased at 0% interest over 30 years with annual payments of approximately $31,400.

Staff recommends the Board commit 44% of the project cost, up to $1,318,000, and that the project be purchased at 1% interest over 30 years with annual payments of approximately $51,100.

Staff comment: If the Board agrees to the longer repayment term requested by the Applicant, staff recommends the Board commit 44% of the project cost, up to $1,318,000, and that the project be purchased at 1% interest over 35 years with annual payments of approximately $44,900.

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Lehi City**

Project Number: RM001
Fund: Conservation and Development Fund
Total Cost: $14,286,000

Application Received: 4/1/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 5,700 secondary meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

Project Contacts:

Mayor:
Mark Johnson
153 North 100 East
Lehi, UT 84043
801-768-7100

Meter Supervisor:
Shyloh Muhlstein
2538 North 300 West
Lehi, UT 84043
385-201-1700

Engineer:
Lehi City Staff
2538 North 300 West
Lehi, UT 84043
385-201-1700

Location

The proposed project is located in Lehi City in Utah County.

Project Summary

The purpose of the project is to purchase and install approximately 5,700 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$3,643,000	25.5%
Board of Water Resources Grant	10,000,000	70.0
Applicant	643,000	4.5
TOTAL	**$14,286,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Roy Water Conservancy District**

Project Number: RM006
Fund: Conservation Development Fund
Total Cost: $14,286,000

Application Received: 4/19/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to purchase and install approximately 6,000 secondary meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

Project Contacts:

Chairman:
Mark Ohlin
4489 S. 1650 W.
Roy, UT 84067
801-540-3219

Manager:
Rodney Banks
5440 Freeway Park Drive
Riverdale, UT 84405
801-825-9744

Engineer:
Brad Jensen
Wasatch Civil
1150 Depot Drive, Suite 225
Ogden, UT 84404
801-775-9191

Location

The proposed project is located in Roy in Weber County.

Project Summary

The purpose of the project is to purchase and install approximately 6,000 secondary meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$3,643,000	25.5%
Board of Water Resources Grant	10,000,000	70.0
Applicant	643,000	4.5
TOTAL	**$14,286,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Bountiful Irrigation District**

Project Number: RM007
Fund: Conservation and Development Fund
Total Cost: $14,286,000

Application Received: 4/21/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 6,400 secondary water meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

Project Contacts:

President:
Kirk Gough
995 South 500 West
Bountiful, UT 84010
801-295-5573

Managing Supervisor:
Kurtis Anderson
995 South 500 West
Bountiful, UT 84010
801-390-1860

Engineer:
Greg Seegmiller
JUB Engineers
466 North 900 West
Kaysville, UT 84037
801-547-3093

Location

The proposed project is located in Bountiful, Centerville, West Bountiful and Woods Cross in Davis County.

Project Summary

The purpose of the project is to purchase and install approximately 6,400 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$3,643,000	25.5%
Board of Water Resources Grant	10,000,000	70.0
Applicant	643,000	4.5
TOTAL	**$14,286,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (includes reserves).

Applicant: **South Weber Water Improvement District**

Project Number: RM009
Fund: Conservation and Development Fund
Total Cost: $3,660,000

Application Received: 4/22/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 1,034 secondary water meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $933,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $73,000 (includes reserves).

Project Contacts:

Chair:
Darren Hess
7714 South 1750 East
South Weber, UT 84405
801-540-3010

Secretary:
Wendy Dahl
7753 South 1650 East
South Weber, UT 84405
801-475-4749

Engineer:
Gardner Engineering
5150 South 375 East
Washington Terrace, UT 84404
801-476-0202

Location

The proposed project is located in South Weber City in Weber County.

Project Summary

The purpose of the project is to purchase and install approximately 1,034 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$933,000	25.5%
Board of Water Resources Grant	2,562,000	70.0
Applicant	165,000	4.5
TOTAL	**$3,660,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $933,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $73,000 (includes reserves).

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Richmond Irrigation & Power Company**

Project Number: RM010
Fund: Conservation and Development Fund
Total Cost: $2,376,000

Application Received: 4/28/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Charles Holmgren
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 512 secondary water meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $606,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $43,800.

Project Contacts:

President:
Bret Christensen
1574 East 13000 North
Cove, UT 84320
435-994-0588

Secretary:
Aimee Johnson
193 North 200 West
Smithfield, UT 84335
435-757-0246

Engineer:
Franson Civil Engineers
115 Golf Course Road, Suite D
Logan, UT 84321
801-756-0309

Location

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

Project Summary

The purpose of the project is to purchase and install approximately 512 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$606,000	25.5%
Board of Water Resources Grant	1,663,000	70.0
Applicant	107,000	4.5
TOTAL	**$2,376,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $606,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $43,800.

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Haights Creek Irrigation Company**

Project Number: RM012
Fund: Conservation and Development Fund
Total Cost: $7,143,000

Application Received: 4/30/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 3,000 secondary water meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $1,822,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $131,500.

Project Contacts:

President:
Lee Stenquist
1864 Sunset Drive
Kaysville, UT 84037
801-546-4242

Manager/Treasurer:
Rodney G. Hill
920 Northridge Road
Farmington, UT 84025
801-597-3897

Engineer:
Dan White
Gardner Engineering
5150 South 375 East
Ogden, UT 84405
801-476-0202

Location

The proposed project is located in Kaysville and Fruit Heights in Davis County.

Project Summary

The purpose of the project is to purchase and install approximately 3,000 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$1,822,000	25.5%
Board of Water Resources Grant	5,000,000	70.0
Applicant	321,000	4.5
TOTAL	**$7,143,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $1,822,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $131,500.

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Weber-Box Elder Conservation District**

Project Number: RM019
Fund: Conservation and Development Fund
Cost Estimate: $14,286,000

Application Received: 5/9/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Charles Holmgren
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to purchase and install approximately 3,320 secondary meters.

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (including reserves).

Project Contacts:

General Manager:
Benjamin Quick
471 W. 2nd Street
Ogden, UT 84404
801-622-4349

Secretary:
Tamera Martinson
471 W. 2nd Street
Ogden, UT 84404
435-622-4348

Engineer:
Greg Seegmiller
JUB Engineers
466 North 900 West
Kaysville, UT 84037
801-547-0393

Location

The proposed project is located in Ogden City, North Ogden City, Pleasant View City, Harrisville City, Farr West City, and Plain City in Weber County.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources – Loan	$3,643,000	25.5%
Board of Water Resources - Grant	10,000,000	70.0
Applicant	643,000	4.5
TOTAL	**$14,286,000**	**100%**

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately $283,000 (including reserves).

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **South Ogden Conservation District**

Project Number: RM020
Fund: Conservation and Development Fund
Total Cost: $14,286,000

Application Received: 5/13/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to purchase and install approximately 3,425 secondary meters

Recommendation: Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years, with annual payments of approximately $283,000 (including reserves).

Project Contacts:

General Manager:
Benjamin Quick
471 West 2nd Street
Ogden, UT 84404
801-622-4349

Secretary:
Tamera Martinson
471 West 2nd Street
Ogden, UT 84404
801-622-4348

Engineer:
Greg Seegmiller
JUB Engineering
466 North 900 West
Kaysville, UT 84037
801-547-0393

Location

The proposed project is located in Ogden, South Ogden, Riverdale, and Washington Terrace in Weber County.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Cost Sharing	% of Total
Board of Water Resources - Loan	$3,643,000	25.5%
Board of Water Resources - Grant	10,000,000	70.0
Applicant	643,000	4.5
TOTAL	$14,286,000	100%

Repayment

Staff recommends the Board commit 25.5% of the project cost, up to $3,643,000, and that the bonded indebtedness be returned at 1% interest over 15 years, with annual payments of approximately $283,000 (including reserves).

BOARD OF WATER RESOURCES
Committal of Funds

Applicant: **Town of Annabella**

Project Number: RM026
Fund: Conservation and Development Fund
Total Cost: $678,000

Application Received: 5/11/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: Blaine Ipson
Project Manager: Ben Marett

Project Summary: The purpose of the project is to purchase and install approximately 224 secondary water meters.

Recommendation: Staff recommends the Board commit 16.7% of the project cost, up to $113,000, and that the bonded indebtedness be returned at 1% interest over 15 years with payments of approximately $9,000 (including reserves).

Project Contacts:

Mayor:
Brent Christensen
150 N. 200 E.
Annabella, UT 84711
435-979-2564

Town Clerk:
Tina Mitchell
PO Box 175
295 E. 300 N.
Annabella, UT 84711
435-896-6571

Engineer:
Parker Vercimak
Jones & DeMille Engineering
1535 S. 100 W.
Richfield, UT 84701
435-896-8266

Location

The proposed project is located in the town of Annabella in Sevier County.

Project Summary

The purpose of the project is to purchase and install approximately 224 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources – Loan	$113,000	16.7%
Board of Water Resources – Grant	475,000	70.0
Applicant	90,000	13.3
TOTAL	**$678,000**	**100%**

Repayment

Staff recommends the Board commit 16.7% of the project cost, up to $113,000, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of $9,000 (including reserves).

Applicant: **Springdale Consolidated Irrigation Company**

Project Number: RM068
Fund: Conservation and Development Fund
Total Cost: $640,000

Application Received: 5/13/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Board Member: James A. Lemmon
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 104 secondary and approximately three agricultural water meters.

Recommendation: Staff recommends the Board commit 29.7% of the project cost, up to $190,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $13,800.

Project Contacts:

President:
Allan R Staker
PO Box 1004
Springdale, UT 84767
435-632-2873

Secretary:
Brent Heaton
1497 Navajo Drive
St. George, UT 84790
435-673-0934

Engineer:
Dustyn Shaffer
Sunrise Engineering
11 North 300 West
Washington, UT 84780
435-652-8450

Location

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

Project Summary

The purpose of the project is to purchase and install approximately 104 secondary and approximately three agricultural water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Authorized Cost Sharing	% of Total
Board of Water Resources Loan	$190,000	29.7%
Board of Water Resources Grant	417,000	65.2
Applicant	33,000	5.1
TOTAL	**$640,000**	**100%**

Repayment

Staff recommends the Board commit 29.7% of the project cost, up to $190,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $13,800.

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Green Canyon Sprinkler Company**

Project Number: RM072
Fund: ARPA Grant
Cost Estimate: $555,000

Application Received: 5/27/2022
Board Meeting Date: 10/27/2022

Board Member: Charles Holmgren
Project Manager: Grant Doty

Project Summary: The purpose of the project is to purchase and install approximately 200 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $389,000, as a secondary meter grant.

Project Contacts:

President:
Matt Brog
1295 E. 2100 N.
North Logan, UT 84341
801-698-9143

Secretary:
Annika Chatterton
1791 N. 1350 E.
North Logan, UT 84341
801-319-1022

Engineer:
Jason Ruff
1928 N. 1000 E.
North Logan, UT 84341
702-340-3524

Location

The proposed project is located in North Logan in Cache County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install approximately 200 secondary meters.

The Applicant has 200 secondary connections. None of the connections are metered. The average lot size is 0.5 acre, with about 0.3 acre irrigated. The Applicant expects to conserve about 60 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2024 and be completed by spring 2026. Engineering services are being provided by Jason Ruff, P.E.

Cost Estimate & Sharing

The estimated cost of the project is $555,000. The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$389,000	70%
Applicant	166,000	30
TOTAL	**$555,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $389,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Town of Springdale**

Project Number: RM076
Fund: ARPA Grant
Cost Estimate: $128,000

Application Received: 6/23/2022
Board Meeting Date: 10/27/2022

Board Member: James A. Lemmon
Project Manager: Tom Cox

Project Summary: The purpose of the project is to provide grant reimbursement for the eligible portion of the purchase and installation of 93 secondary water meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $90,000, as a secondary meter grant.

Project Contacts:

Mayor:
Barbara Bruno
118 Lion Blvd.
Springdale, UT 84767
435-772-3434

Manager:
Rick Wixom
118 Lion Blvd.
Springdale, UT 84767
435-772-3434

Engineer
Steve Hall
Sunrise Engineering
11 North 300 West
Washington, UT 84780
435-652-8450

Location

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

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

Beginning in February 2021, the Town of Springdale installed meters on all of its 93 secondary water connections. According to HB242, the beginning date for ARPA grant eligibility is March 3, 2021; therefore, not all costs associated with the project are eligible for grant reimbursement.

The Applicant is requesting grant reimbursement for the eligible portion of the purchase and installation costs of 93 secondary water meters, estimated to be $128,000.

The average lot size is 1.25 acre, with about 0.375 acre irrigated. The Applicant expects to conserve about 23 acre-feet of water due to the project. Engineering services were provided by Sunrise Engineering.

Cost Estimate & Sharing

The estimated cost of the eligible portion of the project is $128,000**.** The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$90,000	70%
Applicant	38,000	30
TOTAL	**$128,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $90,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Charleston Irrigation Company**

Project Number: RM078
Fund: ARPA Grant
Cost Estimate: $330,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Ann Baynard

Project Summary: The purpose of the project is to purchase and install 115 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $231,000, as a secondary meter grant.

Project Contacts:

President:
Devaughn Guymon
3273 S. 3400 W.
Heber City, UT 84032
801-362-8997

Secretary:
Barbara Broadhead
3058 S. 3400 W.
Heber City, UT 84032
435-654-0891

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located in Charleston, just south of Midway, in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install 115 secondary meters.

The Applicant has 217 connections, of which 115 are secondary connections. None of the secondary connections are metered. The average lot size is 5 acres, with about 1 acre irrigated. The Applicant expects to conserve about 121 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2023 and be completed by winter 2023. Engineering services are being provided by Central Utah Water Conservancy District.

Cost Estimate & Sharing

The estimated cost of the project is $330,000**.** The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$231,000	70%
Applicant	99,000	30
TOTAL	**$330,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $231,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Center Creek Irrigation Company**

Project Number: RM079
Fund: ARPA Grant
Cost Estimate: $240,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Russell Hadley

Project Summary: The purpose of the project is to purchase and install approximately 100 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $168,000, as a secondary meter grant.

Project Contacts:

President:
Allen Sweat
2682 E. 2400 S.
Heber City, UT 84032
435-671-3906

Secretary:
Cheryl Rhoades
2806 E. Center Creek Road
Heber City, UT 84032
435-654-3783

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located in Heber City in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install approximately 100 secondary meters.

The Applicant has 120 connections, 100 of which are secondary connections and 20 are agricultural. None of the secondary connections are metered. The average lot size is 5 acres, with about 0.5 acres irrigated. The Applicant expects to conserve about 50 acre-feet of water upon completion of the project.

Construction is expected to begin in the spring of 2023 and be completed in 2024. Engineering services are being provided by Central Utah Water Conservancy District.

Cost Estimate & Sharing

The estimated cost of the project is $240,000**.** The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$168,000	70%
Applicant	72,000	30
TOTAL	**$240,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $168,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage
- Submit a typical meter installation plan and manufacturer's information on the meters.
    - Obtain approval of the installation plan from the Division of Water Resources.

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Daniel Irrigation Company**

Project Number: RM080
Fund: ARPA Grant
Cost Estimate: $565,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Marisa Egbert

Project Summary: The purpose of the project is to purchase and install approximately 240 secondary water meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $396,000, as a secondary meter grant.

Project Contacts:

President:
Hugh Barker
80 E. Little Sweden Road
Heber City, UT 84032
435-671-0520

Secretary:
Darlene Luke
2370 S. Daniel Road
Heber City, UT 84032
435-654-2996

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located in Daniel, just south of Heber City, in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install approximately 240 secondary water meters.

The Applicant has approximately 480 secondary connections. About half of the connections are already metered. ARPA Grant funding cannot be used to replace existing meters.

The average lot size is about 5.0 acres, with about 0.35 acres irrigated. The Applicant expects to conserve about 90 acre-feet of water upon completion of the project.

Construction is expected to begin and be completed in 2023. Engineering services are being provided by Central Utah Water Conservancy District.

Cost Estimate & Sharing

The estimated cost of the project is $565,000. The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$396,000	70%
Applicant	169,000	30
TOTAL	**$565,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $396,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Extension Irrigation Company**

Project Number: RM081
Fund: ARPA Grant
Cost Estimate: $40,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Grant Doty

Project Summary: The purpose of the project is to purchase and install 11 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $28,000, as a secondary meter grant.

Project Contacts:

President:
Scott Bassett
479 N. 400 W.
Heber City, UT 84032
801-668-0162

Secretary:
Jane Giles
179 E. 100 S.
Heber City, UT 84032
435-654-5961

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located near Heber City in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install 11 secondary meters.

The Applicant has 37 connections, 11 are secondary. None of the secondary connections are metered. The average lot size is 1.0 acre, with about 0.5 acre irrigated. The Applicant expects to conserve about 6.0 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2023 and be completed by winter 2023. Engineering services are being provided by Central Utah Water Conservancy District staff.

Cost Estimate & Sharing

The estimated cost of the project is $40,000**.** The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$28,000	70%
Applicant	12,000	30
TOTAL	**$40,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $28,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Wasatch Irrigation Company**

Project Number: RM082
Fund: ARPA Grant
Cost Estimate: $310,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Grant Doty

Project Summary: The purpose of the project is to purchase and install 115 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $217,000, as a secondary meter grant.

Project Contacts:

President:
Scott Bassett
479 N. 400 W.
Heber City, UT 84032
801-668-0162

Secretary:
Jane Giles
179 E. 100 S.
Heber City, UT 84032
435-654-5961

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located near Heber City in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install 115 secondary meters.

The Applicant has about 115 secondary connections. None of the connections are metered. The average lot size is greater than 5 acres, with about 0.33 acre irrigated. The Applicant expects to conserve about 36 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2023 and be completed by winter 2023. Engineering services are being provided by Central Utah Water Conservancy District staff.

Cost Estimate & Sharing

The estimated cost of the project is $310,000. The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$217,000	70%
Applicant	93,000	30
TOTAL	**$310,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $217,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Spring Creek Irrigation Company**

Project Number: RM083
Fund: ARPA Grant
Cost Estimate: $112,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Ann Baynard

Project Summary: The purpose of the project is to purchase and install 35 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $78,400, as a secondary meter grant.

Project Contacts:

President:
Alan Brown
3021 S. 2900 W.
Heber City, UT 84032
435-671-8243

Secretary:
Jane Giles
179 E. 100 S.
Heber City, UT 84032
435-654-5961

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located in and around Charleston, southwest of Heber City, in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install 35 secondary meters.

The Applicant has 35 secondary connections, none of the connections are metered. The average lot size is 5 acres, with about 0.7 acres irrigated. The Applicant expects to conserve about 25 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2023 and be completed by winter 2023. Engineering services are being provided by Central Utah Water Conservancy District.

Cost Estimate & Sharing

The estimated cost of the project is $112,000. The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$78,400	70%
Applicant	33,600	30
TOTAL	**$112,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $78,400, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

BOARD OF WATER RESOURCES
Secondary Meter Report

Applicant: **Sage Brush Irrigation Company**

Project Number: RM084
Fund: ARPA Grant
Cost Estimate: $50,000

Application Received: 7/29/2022
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Ann Baynard

Project Summary: The purpose of the project is to purchase and install 17 secondary meters.

Recommendation: Staff recommends the Board authorize and commit 70% of the project cost, up to $35,000, as a secondary meter grant.

Project Contacts:

President:
Michael Burrow
1850 S. Edwards Lane
Heber City, UT 84032
801-400-2662

Secretary:
Jane Giles
179 E. 100 S.
Heber City, UT 84032
435-654-5961

Engineer:
Chris York
Central Utah WCD
626 E. 1200 S.
Heber City, UT 84032
435-654-4369

Location

The proposed project is located in and around Charleston, just southwest of Heber City, in Wasatch County.

Project Summary

Utah is one of the driest states in the nation, one of the fastest-growing, and drinking water sources are limited. In addition, potential climate change impacts and the current multi-year drought in Utah threaten water supplies and put public drinking water supplies at risk. Municipalities and water companies need to reduce their water use to stretch their existing drinking water supplies. Many Utah communities also have "secondary" water, typically used to irrigate lawns and gardens. Secondary water is not treated to culinary standards and is utilized throughout the state to protect the drinking water supplies. However, many users waste this precious resource because they do not realize how much they are using. The State of Utah believes that it is critical to invest in water conservation, water metering, and dual water pipe and secondary water distribution systems to protect potable drinking water supplies. This will also help lower the cost of treating drinking water and make it more cost-effective by decreasing the amount of water that needs to be treated to potable standards.

Technology has improved over the last decade and allows for the metering of untreated secondary water. Individual water use cannot be measured without metering, so water suppliers have begun installing meters on their secondary water connections. By educating their customers on their measured use compared to the amount they should be using, suppliers have seen as much as a 20-30% reduction in use. Secondary metering, combined with conservation and education, protects the drinking water supplies and allows drinking water providers to plan for their future growth.

The Applicant is requesting funding to purchase and install 17 secondary meters.

The Applicant has 17 secondary connections. None of the connections are metered. The average lot size is 5 acres, with about 0.7 acres irrigated. The Applicant expects to conserve about 12 acre-feet of water upon completion of the project.

Construction is expected to begin spring 2023 and be completed by winter 2023. Engineering services are being provided by Central Utah Water Conservancy District.

Cost Estimate & Sharing

The estimated cost of the project is $50,000. The recommended cost sharing is as follows:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	$35,000	70%
Applicant	15,000	30
TOTAL	**$50,000**	**100%**

Staff recommends <u>the Board authorize and commit 70% of the project cost, up to $35,000, as a secondary meter grant.</u>

Applicant's Responsibilities

If the Board provides grant funds for the project the Applicant must:

- Submit or update a water conservation plan for its service area.
    - Obtain approval of it from the Division of Water Resources.
- Agree to provide an educational component to each end user, either in a monthly water use statement or a customer specific internet portal which:
    - Promotes water conservation
    - Provides information on the customer's secondary water usage

Applicant: **Central Utah Water Conservancy District**

Project Number: RE399
Fund: Conservation and Development Fund
Total Cost: $7,000,000

Application Received: 4/27/2017
Authorized: 6/22/2017
Committed: 10/12/2017

Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Tom Cox

Summary: The purpose of the original project was to line sections of the Timpanogos Canal with concrete or box culvert as well as to expand and line two irrigation regulating ponds. This was completed under budget and the district is requesting to use the remaining funds to line an additional 1,400 feet of canal.

Recommendation: Staff recommends the Board allow the remaining funds to be used to install an additional 1,400 feet of concrete canal liner.

Project Contacts:

General Manager:
Gene Shawcroft
1426 E. 750 N., Ste. 400
Orem, UT 84097
801-226-7100

Area Manager:
Roger Pearson
626 East 1200 South
Heber, UT 84032
435-654-4369

Location

The proposed project is located north and south of Heber City in Wasatch County.

Project Summary

In October 2017 the Board committed $5.95 million for a project to line sections of the Timpanogos Canal with concrete or box culvert, and to expand and line two irrigation regulating ponds. Due to favorable bids, and donated equipment and clay liner, approximately $1.1 million of bonded Water Resources funds remain. The district is in the process of lining an additional 1,400 feet of canal, estimated to cost $1.4 million. The district has requested to use the remaining funds on the additional canal lining.

Staff Recommendation

Staff recommends the Board allow the remaining funds to be used to install an additional 1,400 feet of concrete canal liner.

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

Project Number: RE416
Fund: Conservation and Development Fund
Total Cost: $5,000,000

Application Received: 9/28/2018
Authorized: 12/6/2018
Committed: 4/9/2020
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Summary: The purpose of the project is to install a pressure boosting station to the secondary irrigation system near Kaysville Reservoir. The applicant is requesting its first full payment be delayed one year because the project is not yet complete.

Recommendation: Staff recommends the Board amend the Purchase Agreement to delay principal payments by one year, with an interest-only payment due in December 2022. Principal payments will start in December 2023.

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

Location

The proposed project is located in Kaysville City in Davis County.

Project Summary

In April 2020 the Board committed funds for a project to install a pressure boosting station to the secondary irrigation system near Kaysville Reservoir. Although half of the pumps were operational this season, it has taken longer than expected for the contractor to complete the work and the project is not fully functioning. The applicant is requesting the first full payment be delayed one year until December 2023.

Modification of Terms

Staff recommends the Board amend the Purchase Agreement to delay principal payments by one year, with an interest-only payment due in December 2022. Principal payments will start in December 2023.

Applicant: **Sunrise and Bench Creek Irrigation Company**

Project Number: RE443
Fund: Revolving Construction Fund
Total Cost: $ 1,600,000

Application Received: 8/10/2020
Authorized: 1/28/2021
Board Meeting Date: 10/27/2022

Board Member: Wayne Andersen
Project Manager: Russell Hadley

Summary: The purpose of the project is to replace about 7,800 feet of deteriorated corrugated metal pipe and ditch with pipeline, and to construct a new inlet structure. Since authorization, additional grant funding has been obtained and costs have increased.

Recommendation: Staff recommends the board re-authorize and commit 29.9% of the project cost, up to $478,000, and that the project be purchased at 0% interest over 25 years with annual payments of approximately $19,200.

Project Contacts:

President:
Wade Klingler
4639 E. Bench Creek Road
Woodland, UT 84036
435-619-1802

Secretary Treasurer:
Billie Sue McNeil
1300 E. Lower River Road
Woodland, UT 84036
435-513-4607

Engineer:
Brian Deeter
JUB Engineers
466 N. 900 W.
Kaysville, UT 84037
801-726-5819

Location

The proposed project is located in Woodland in Wasatch County.

Project Summary

In August 2020, the applicant requested financial assistance from the Board to replace about 7,800 feet of deteriorated corrugated metal pipe and ditch with pipeline, and to construct a new inlet structure on the Provo River.

Since that time, material and construction costs have increased substantially. Also, an additional $500,000 grant has been obtained by the applicant from the Utah Department of Agriculture and Food (UDAF).

Cost Estimate & Sharing

The cost estimate and sharing have changed as follows:

Agency	Authorized Cost Sharing	% of Total	Proposed Cost Sharing	% of Total
Board of Water Resources	$580,000	47.6%	$478,000	29.9%
WaterSMART Grant	538,000	44.1	538,000	33.6
UDAF Grant	-	-	500,000	31.3
Applicant	102,000	8.3	84,000	5.2
TOTAL	**$1,220,000**	**100%**	**$1,600,000**	**100%**

As shown, the applicant is now requesting $102,000 less than what was authorized.

Modification of Terms

Originally the Board authorized 47.6% of the project cost, up to $580,000, and the project was to be purchased at 0% interest over 25 years with annual payments of approximately $23,200.

Staff recommends the Board re-authorize and commit funds for 29.9% of the project cost, up to $478,000, and that the project be purchased at 0% interest over 25 years with annual payments of approximately $19,200.

BOARD OF WATER RESOURCES
Special Item - Withdrawal Report (Loan only)

Applicant: **City of Bluffdale**

Project Number: RM053
Fund: Conservation and Development Fund

Application Received: 5/13/2022
Authorized: 8/4/2022
Board Meeting Date: 10/27/2022

Project Manager: Marisa Egbert

Project Contacts:

Mayor:
Natalie Hall
2222 W. 14400 S.
Bluffdale, UT 84065
801-849-9480

Administrative Services Director:
Bruce Kartchner
2222 W. 14400 S.
Bluffdale, UT 84065
801-849-9405

Project Engineer:
Daniel Tracer
2222 W. 14400 S.
Bluffdale, UT 84065
801-849-9432

Location
The proposed project is located in Bluffdale in Salt Lake County.

Summary
In its August 4th meeting, the board authorized a loan of $387,000 for the City's secondary meter project, in addition to the $1,063,000 grant that was committed. Since then, the City has requested that their loan application be withdrawn, while they still plan to construct the project and use the grant funds provided.

Staff therefore recommends <u>the loan request be withdrawn from further consideration by the Board.</u>

BOARD OF WATER RESOURCES
Application Summary

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

Project Number: RE460
Fund: Conservation and Development Fund
Cost Estimate: $3,200,000

Application Received: 9/19/2022
Board Meeting Date: 10/27/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Project Contacts:

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

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

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

Location
The proposed project is located in Clearfield in Davis County.

Proposed Project
The applicant is requesting financial assistance from the Board to enclose about 1,370 feet of open canal.

Water Rights
- 35-5468
- Weber River Decree Rights:
  - 25, 37, 44, 48, 58, 68, 90, 389, 400, 406

BOARD OF WATER RESOURCES
Application Summary

Applicant: **Newton Water Users Association**

Project Number: RE461
Fund: Revolving Construction Fund
Cost Estimate: $1,000,000

Application Received: 9/22/2022
Board Meeting Date: 10/27/2022

Board Member: Charles Holmgren
Project Manager: Ben Marett

Project Contacts:

President:
Val Jay Rigby
PO Box 81
Newton, UT 84327
435-258-8394

Secretary:
Greg Jorgensen
310 W. 300 S.
Newton, UT 84327
435-890-5329

Engineer:
Kamilla Schultz
Sunrise Engineering
2100 Main Street
North Logan, UT 84341
435-563-3734

Location
The proposed project is located in and around Newton in Cache County.

Proposed Project
The applicant is requesting financial assistance from the board to replace approximately 11,500 feet of pipeline.

Water Rights
- 25-3515
- 25-6870
- 25-3082

Unapproved

BOARD OF WATER RESOURCES

BRIEFING MEETING

MINUTES

SEPTEMBER 15, 2022

Utah Department of Natural Resources

BOARD OF WATER RESOURCES
Briefing Meeting Minutes
Central Utah Water Conservancy District
Orem, UT
September 15, 2022
8:30 am

BOARD MEMBERS PRESENT
Chair Kyle Stephens
Wayne Andersen
Norman Johnson
Charles Holmgren
Jim Lemmon
Blaine Ipson
Randy Crozier

STAFF PRESENT
Director Candice Hasenyager
Deputy Director Joel Williams
Assistant Director Todd Stonely
Assistant Director Shalaine DeBernardi
Randy Staker
Eric Dixon
Marisa Egbert
Jake Serago
Shannon Clough
Jaqueline Pacheco
Paul Gedge
Carmen McDonald (virtual)
Marty Bushman
Russell Hadley (virtual)
Tom Cox (virtual)

CHAIR KYLE STEPHENS called the meeting to order at 8:30 am.
DIRECTOR CANDICE HASENYAGER announced those present.

CHAIR KYLE STEPHENS Thanked the staff and all those that helped with the Board Tour.

APPROVAL OF MINUTES:

CHAIR KYLE STEPHENS asked for any changes to be made to the minutes from the last meeting (August 4). No changes are needed.

DISCUSSION OF BOARD AGENDA ITEMS:

COMMITTAL OF FUNDS: MARISA EGBERT will be presenting.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI these are projects the Board has already seen. We are just committing the funds today.

RM025 Green Belt Irrigation Company

MARISA EGBERT they did not have an engineer, so we only did authorization of their grant funds. They have since got together with J-U-B Engineers and, as expected, costs have gone up. They are requesting additional funds to cover these costs. Originally, the Board authorized $50,400 for the grant; now they are requesting $82,600. The total project cost went up from $72,000 to $118,000.

Staff recommends the Board commit 70% of the project cost, up to $82,600, as a secondary meter grant.

RM044 Newton Water Users Association

MARISA EGBERT This is for Committal of Funds for the loan portion for the Purchase Agreement. They already have the grant funds committed. This is just for the loan.
Staff recommends the Board commit 25.5% of the project cost, up to $92,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $6,700.

RM046 Kanab Irrigation Company

MARISA EGBERT This is for Committal of Funds just for the loan portion of it. Nothing has changed, it is as authorized.

RM054 Smithfield Irrigation Company

MARISA EGBERT This is for Committal of Funds for the loan portion. They have been working on all their requirements to be able to move forward with this.

RM055 North Summit Pressurized Irrigation Co.

MARISA EGBERT This is for Committal of Funds, as authorized, for the loan portion.

SPECIAL ITEMS:

RE436 Muddy Creek Irrigation Co. (Expansion of Scope) Project Manager: Jaqueline Pacheco

JAQUELINE PACHECO the Board funded five different projects for Muddy Creek. The Board committed funds for Phase 3 of the Muddy Creek pipeline project in August 2020. The purpose of Phase 3 was to pressurize the remainder of the irrigation system by installing seven miles of pipeline to deliver water to the east side of the company's service area.

Phase 3 has been completed and there is over $234,000 remaining in Board funds from this project. The company would like to use these funds for a project to install approximately 2.2 miles of additional pipeline in the southeast portion of their service area.The total estimated cost of the proposed addition is approximately $1,030,000. The Bureau of Reclamation is providing over $800,000 to complete the project.

Staff recommends the Board allow the remaining funds to be used to install an additional 2.2 miles of pressurized pipeline.

NEW APPLICATIONS:
RL589 Morgan City Project Manager: Russell Hadley

CLOUD SEEDING REPORT
JAKE SERAGO will be giving a presentation about Cloud Seeding. He will let the Board know what happened last year and request funds for the coming year.

LAKE POWELL PIPELINE UPDATE
ERIC DIXON will give us an update.

2023 PROPOSED MEETING DATES
The Board discussed the dates.
January 26 – Thursday
March 22 – Wednesday
May 11 – Thursday
June 29 – Thursday
August 10 – Thursday
October 5 – Thursday
December 5 – Tuesday
The Board will move to adopt these dates.

DIRECTORS REPORT:
DIRECTOR CANDICE HASENYAGER I will just cover generally. There have been a lot of requests to understand what Utah's response is to drought and what are the long-term water conservation efforts and strategy look like. Also released, on July 27th, the Utah Coordinated Action Plan for Water, which the Governor's Office of Planning and Budget has been leading up to and released the 3rd chapter called Productive Agriculture. We are currently working on the next chapter of Healthy Water and Watershed which should be released sometime in October. I will give a brief update on that. Next week is Interim week and these will be lots of legislative meetings. I have been asked to present on the state's efforts at State facilities and water conservation at these facilities. I will also give an update on the Colorado River issues.

INFORMATION TO THE BOARD
Eric Dixon is our new Design and Construction section manager. We are excited to have Eric in his new role. He has already been doing a great job.

STATUS OF FUNDS:
ASSISTANT DIRECTOR SHALAINE DEBERNARDI there has not been a lot of change since August. In the revolving funds, the only new application has been the Morgan City one. City Water Loans have not changed too much. We did get a little influx from the payoff of the recapitalization money. We are actually about double what we usually are. We are sitting at about $15 million, but we are looking to take the Morgan City project from these funds. If they continue to move forward, it will be just over three million dollars. In the C&D fund this is where we received the big influx of cash after paying off our debts. But the Board has enough large projects that have been committed, and some have been bonded,and some that are sitting in the authorization stage. Now with all of the secondary meter loan projects you can go to the end of the list on page four and see that if everything is funded we will be down to about $30 million. Not much has happened with the small secondary metering grants. The small systems do not want 50% money when you can get 70%. We have contracted one project, Lindon City, which came back and asked for additional ARPA funds. The Board gets 2 million dollars a year, so we added that in this year. Now we are trying to figure out exactly if we can spend that if we still have ARPA funds available.
The ARPA grants; after the first round we had 60 million dollars left. On the very last page, it indicates the future needs. I have separated out the second round of ARPA applications. On page eight we have those projects listed totaling almost 13 million dollars in additional ARPA funds.
We do have a contract template in place and the grant contracts are now being prepared. There were several applicants who even though we did commit their funds did not have a final water management conservation plan. They had one drafted up but it had not been adopted or approved by our staff. It has been a bit of a process going through the contracts. About 15 out of the 70 have actually been prepared. It goes through a long process before it gets to the Board chair for signature. And because of the number we've got going now, Steven Gregerson, our project funding specialist is actually setting them up as adobe sign so that they can be automatically sent to the next person and they can be electronically signed. These grant contracts will be sent in groups and not individually. We can now move things a little quicker. We have also given those applicants time to make sure they are ready to go.
WAYNE ANDERSEN how sure are we that all of the water companies and everybody throughout the state are aware that this money is available? How did we get the word out?
ASSISTANT DIRECTOR SHALAINE DEBERNARDI it was on the news, on our website and we have done a press release to notify the public. We do not have a list of all the secondary water providers.

DIRECTOR CANDICE HASENYAGER I think what we do need to do before this next open application period is make sure people everywhere throughout the state are aware that these funds are available. We will make the effort to get the word out.
The next item is to discuss bond requirements and Board guidelines to notify every water user about public hearing by mail.
ASSISTANT DIRECTOR SHALAINE DEBERNARDI we have had an issue pop up with some of these secondary meter loans with entities that have to bond. The Board has a requirement that if the sponsor is going to issue a non-voted revenue bond that they will hold a public meeting to describe the project and its need, cost and effect on water rights which no one has a problem with. But to go along with that requirement is that they must give written notice to all the water users in their service area. The issue we are having is that many of these entities that provide secondary water do not necessarily bill their users. Some are through property taxes and some bill them an annual assessment so it is not a monthly bill. With some of the large number of connections, we had one in particular state "if we create a mailer and send it out to every user to specifically notify them of a public hearing it will cost us $15,000". Which takes away from what is available for the actual project. They have no problem holding the public hearing and they are used to posting notices at their offices and on the public notice website and then sending notices out by email. But not in written mail notice. I am not asking the Board today to waive that requirement for everyone. I would like to discuss with you if you are ok if there is a project in your area and we can come to you and ask for this written notice requirement to be waived for them.
CHAIR KYLE STEPHENS we agree that is fine.

DIRECTOR CANDICE HASENYAGER the Water Summit is October 18 at the Davis County Convention Center. If any of you are interested in going please reach out to Shannon and she will get you registered.
October 27th is the next Board Meeting, it will be in the morning, and then from 2:00-4:00 we will have our 75th Anniversary celebration. Both will be at the Utah State Capitol.
We did submit on September 1 the 2022 rules. In addition, we submitted some building Blocks and I can share those with you at a later time.

CHAIR KYLE STEPHENS thank you all for taking part and the discussions. Thank you for the staff's involvement. We will adjourn this meeting.

JIM LEMMON moved to adjourn the Briefing Meeting.
Adjourned at 9:45am.

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SUMMARY OF BOARD ACTIONS

SEPTEMBER 15, 2022

1. Approval of Minutes JIM LEMMON moved to approve the minutes and NORMAN JOHNSON seconded the motion.

2. RM025 GREEN BELT IRRIGATION: CHARLES HOLMGREN made the motion that the Board commit 70% of the project cost, up to $82,600, as a secondary meter grant. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

3. RM044 NEWTON WATER USERS ASSOCIATION: CHARLES HOLMGREN made the motion that the Board commit 25.5% of the project cost, up to $92,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $6,700. WAYNE ANDERSEN seconded the motion. All voted in favor and the motion passed.

4. RM046 KANAB IRRIGATION COMPANY: JIM LEMMON motioned the Board commit 25.5% of the project cost, up to $162,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $11,700. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

5. RM054 SMITHFEILD IRRIGATION COMPANY: Charles Holmgren motioned the Board commit 25.5% of the project cost, up to $1,020,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $73,600. BLAINE IPSON seconded the motion. All voted in favor and the motion passed.

6. RM055 NORTH SUMMIT PRESSURIZED IRRIGATION COMPANY: BLAINE IPSON motioned the Board commit 25.5% of the project cost, up to $213,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $15,400. JIM LEMMON seconded the motion. All voted in favor and the motion passed.

7. RE436 MUDDY CREEK IRRIGATION COMPANY: Staff recommends the Board allow the remaining funds to be used to install an additional 2.2 miles of pressurized pipeline. NORMAN JOHNSON motioned to move ahead with the project funds that are remaining RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

8. Staff recommends the Board amend the contract with Stantec for another year, until December 31, 2023, to finish the work approved in 2020. No additional funds will beprovided for this amendment. JIM LEMMON motioned that the Board amend the contract with Stantec for another year, until December 31, 2023. Contract amendment #11. NORM JOHNSON seconded. All were in favor and the motion passed.

9. ADOPTED SCHEDULE 2023 PROPOSED DATES: BLAINE IPSON made the motion to adopt the 2023 schedule dates and CHARLES HOLMGREN seconded the motion. All in favor and the motion passed.

10. JIM LEMMON motioned to adjourn.
    The meeting adjourned at 11:29 am.

The Utah Board of Water Resources meetings are regularly streamed live and are recorded so citizens can watch them later. Please use the following link to access the most recent recordings: https://goo.gl.UfyPQn

Unapproved

BOARD OF WATER RESOURCES

MEETING MINUTES

September 15, 2022

Utah Department of Natural Resources

THOSE PRESENT

BOARD MEMBERS PRESENT:

Kyle Stephens, Chair
Blaine Ipson
Norman Johnson
Charles Holmgren
Wayne Andersen
Randy Crozier
James Lemmon

STAFF MEMBERS PRESENT:

Director Candice Hasenyager
Deputy Director Joel Williams
Assistant Director Shalaine DeBernardi
Assistant Director Todd Stonely
Marisa Egbert
Randy Staker
Jaqueline Pacheco
Russell Hadley (Virtual)
Tom Cox (Virtual)
Marty Bushman
Jake Serago
Eric Dixon
Shannon Clough
Carmen McDonald (Virtual)
Paul Gedge

BOARD OF WATER RESOURCES
MEETING MINUTES
Central Utah Water Conservancy District
OREM, UTAH
September 15, 2022
10:00 am

CHAIR KYLE STEPHENS called the meeting to order at 10:00 am and announced the Board Members Present. Juliette Tennert absent

DIRECTOR CANDICE HASENYAGER announced staff present as well as others present.

APPROVAL OF THE MINUTES

JIM LEMMON moved to approve the minutes and NORMAN JOHNSON seconded the motion.

COMMITTAL OF FUNDS

RM025 GREEN BELT IRRIGATION

MARISA EGBERT the Board only authorized grant funds because they did not have an engineer in place at the last meeting. They are now working with J-U-B Engineers, and have an updated cost estimate, which has increased. The increase is about $46,000. They are expecting to complete the project over 4 years.

Staff recommends the Board commit 70% of the project cost, up to $82,600, as a secondary meter grant.

CHARLES HOLMGREN made the motion that the Board commit 70% of the project cost, up to $82,600, as a secondary meter grant. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

RM044 NEWTON WATER USERS ASSOCIATION

MARISA EGBERT they came before the Board for grant funding and loan funding for their secondary meters. The grant funds were authorized and committed for this project,

but the loan funds were only authorized. They are working to get the requirements for the loan portion. Nothing has changed at this time.

Staff recommends the Board commit 25.5% of the project cost, up to $92,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $6,700.

CHARLES HOLMGREN made the motion that the Board commit 25.5% of the project cost, up to $92,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $6,700. WAYNE ANDERSEN seconded the motion. All voted in favor and the motion passed.

RM046 KANAB IRRIGATION COMPANY

MARISA EGBERT indicated that the terms stay as authorized. Their grant funds were authorized and committed in August. The loan funds were only authorized.
Staff recommends the Board commit 25.5% of the project cost, up to $162,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $11,700.

JIM LEMMON motioned the Board commit 25.5% of the project cost, up to $162,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $11,700. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

RM054 SMITHFEILD IRRIGATION COMPANY

MARISA EGBERT this is for the loan portion. Staff recommends the Board commit 25.5% of the project cost, up to $1,020,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $73,600

Charles Holmgren motioned the Board commit 25.5% of the project cost, up to $1,020,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $73,600. BLAINE IPSON seconded the motion. All voted in favor and the motion passed

RM055 NORTH SUMMIT PRESSURIZED IRRIGATION COMPANY

MARISA EGBERT in August they received authorization and committal of funds for the grant portion and only authorization for the loan portion. Staff recommends the Board commit 25.5% of the project cost, up to $213,000, and that the project be purchased at 1% interest over 15 years, with annual payments of approximately $15,400.

BLAINE IPSON motioned the Board commit 25.5% of the project cost, up to $213,000, and that the project be purchased at 1% interest over 15 years, with annual payments of

approximately $15,400. JIM LEMMON seconded the motion. All voted in favor and the motion passed.

SPECIAL ITEMS

Jacqueline Pacheco

RE436 MUDDY CREEK IRRIGATION COMPANY

Muddy Creek Irrigation Company received financial assistance from the Board in 2008 to replace its diversion structure on Muddy Creek with a new structure, which incorporated sedimentation basins. In 2011, the applicant received financial assistance for Phase 1 of their pipeline project to install 6.3 miles of pipeline. In 2018, the Emery Series implemented Phase 2 of their project, which consisted of extending the pipeline from Muddy Creek an additional 4.1 miles and installing regulating ponds. In that same year, the Moore Group Independent Canal replaced approximately 1.9 miles of open canal and 2.9 miles of non-pressurized and deteriorating pipe with a new pressurized pipeline. The Board committed funds for Phase 3 of the Muddy Creek pipeline project in August 2020. The purpose of Phase 3 was to pressurize the remainder of the irrigation system by installing seven miles of pipeline to deliver water to the east side of the company's service area. Phase 3 has been completed and there is over $234,000 remaining in Board funds from this project.
The company would like to use these funds for a project to install approximately 2.2 miles of additional pipeline in the southeast portion of their service area.
The total estimated cost of the proposed addition is approximately $1,030,000. The Bureau of Reclamation is providing over $800,000 to complete the project.

Staff recommends the Board allow the remaining funds to be used to install an additional 2.2 miles of pressurized pipeline.

NORMAN JOHNSON motioned to move ahead with the project funds that are remaining RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

NEW APPLICATION

RL589 MORGAN CITY Project Manager RUSSELL HADLEY

Will be back on the agenda in December.

CLOUD SEEDING REPORT AND REQUEST FOR FUNDING:

JAKE SERAGO presented areas targeted in 2021-2022.

The Statewide cloud seeding program was successfully completed for the winter of 2021-2022. Total program cost for Water Resources was $313,191. Local Sponsors contributed a total of $302,336. The Lower Colorado River Basin States contributed $156,670.
Due to the ongoing severe drought conditions, and the fact that a significant portion of the budgeted seeding hours remained at the end of March, some operations were extended through April for the Central/Southern program.
There was only one seeding suspension that took place, specific to Little Cottonwood Canyon, during the last week of December.
Estimated average statewide increase in the precipitation over targeted areas from December-March is 6%.

Staff recommends the Board commit up to $200,000 for the 2022-2023 Operational Cloud Seeding Program, with a maximum state cost-share of 50% with local sponsors.

RANDY CROZIER moved that the Board commit up to $200,000 for the 2022-2023 Operational Cloud Seeding Program, with a maximum state cost-share of 50% with local sponsors. BLAINE IPSON seconded the motion. All were in favor and the motion passed.

LAKE POWELL PIPELINE REPORT:
ERIC DIXON Project Manager presented a Lake Powell Pipeline update.

Bureau of Reclamation working on Supplemental Draft Environmental Impact Statement (SDEIS), Ethnographic Study Update, Colorado River modeling and evaluation, Public education and outreach, Evaluating La Verkin Hot Springs, Water rights change application – Waiting for State Engineer's decision.

Potential federal administration changes: Waters of the United States (WOTUS), Grand Staircase-Escalante National Monument (GSENM) boundaries.

Ongoing coordination with Basin States.

Additional permitting efforts to be completed: Bureau of Reclamation Section 14 Agreement, Bureau of Land Management preparing Historic Properties Treatment Plan, Army Corps of Engineers 404 Permits and Utah 401 Certification, Fish and Wildlife Service Biological Opinion.

Project Timeline – Waiting for SDEIS schedule.

Contracts Update: Bureau of Reclamation Task Order, Bureau of Land Management Cost Recovery Agreement, Kaibab Band of Paiute Indians, Stantec Contract – time extension through 2023.

Staff recommends the Board amend the contract with Stantec for another year, until December 31, 2023, to finish the work approved in 2020. No additional funds will be provided for this amendment.

JIM LEMMON motioned that the Board amend the contract with Stantec for another year, until December 31, 2023. Contract amendment #11. NORM JOHNSON seconded. All were in favor and the motion passed.

ADOPTED SCHEDULE 2023 PROPOSED DATES

January 26 – Thursday

March 22 – Wednesday

May 11 – Thursday

June 29 – Thursday

August 10 – Thursday

October 5 – Thursday

December 5 - Tuesday

BLAINE IPSON made the motion to adopt the 2023 schedule dates and CHARLES HOLMGREN seconded the motion. All in favor and the motion passed.

DIRECTORS REPORT:

DIRECTOR CANDICE HASENYAGER There has been a lot of interest in what Utah's response to drought is and what are the long-term water conservation efforts and strategy look like. We have seen a lot of efforts to respond to the current drought and a number of entities have reported back to us. I have information about a few of the conservation savings that are going on. Jordan Valley Water Conservancy District has reported that their water deliveries through July are 5% lower than last year and about 12% lower than the previous July. We are definitely seeing water conservation savings throughout the Jordan Valley Water Conservancy District. This equates to about 1.5 billion fewer gallons being delivered this year compared to this time last year. Salt Lake City Public Utilities did a comparison of their water use from this year to a three-year average and it reflected about a 70% reduction from the last three-year average. That equates to about 2.5 billion gallons being saved. Weber Basin Water Conservancy District reported that through the end of July they had about a 27% savings compared to 2021. This is significant because last year they had already reduced how much water they were using because of the drought. This year it is almost 30%. A lot of effort is being reported from those entities.

In the 2022 legislative session there was a record number of conservation bills, and appropriations totaling nearly $500 million. These went to areas that Governor Cox and we identified last year as four areas to fast track water conservation and water planning. Those four areas were where the statewide installation of secondary water meters,

which at your last Board meeting you authorized. $190 million was used for that effort and we will continue that effort. There were also a number of bills that went toward integrating land use and water planning. Agricultural optimization was another area that we highlighted last year and has continued into this year. The Legislature appropriated $70 million for agricultural optimization projects. The Utah Department of Agriculture and Food (UDAF) had two rounds of application periods. UDAF committed about $25 million dollars for their first round. A lot of great efforts are going on there. The last area we looked at was that we needed a statewide water wise landscaping rebate program;$5 million was appropriated toward that.

Looking at our long-term water conservation strategy, there are three pieces to the puzzle. There is the regulation side, education and the incentives. Some of the regulations that are currently being seen are water conservation plans. We have had reports from our Water Conservation Manger Shelby Ericksen on that program. Generally, it is the retail water providers and water conservancy districts that are required to submit a water conservation plan every five years. Now with this last legislative session they are required to meet the regional water conservation goals, so different goals throughout the state. There are the newly required metering requirements for secondary meters; there are requirements for tiered water rates. We are also seeing water efficiency standards being adopted at the local level. Washington County has adopted the most restrictive ordinances for new development in Utah. They are only allowing residential grass installation to be about only 8% of the project or the lot size. They are really restricting how much grass can be installed. Weber Basin also has a number of communities that adopted those efficiency standards. As for incentives, we have a statewide rebate program for the smart controllers and water efficient toilets. We are working to implement water wise landscaping rebates. We have transparent water billing grants, which you have been involved in and Josh Zimmerman has been here to present that to you. It is a good program to help establish water suppliers to provide their customers clear and concise information on how much water they use and to help educate the user of that. Secondary meter grants are another big incentive. Then for education, we have programs like Slow the Flow and the Smart Water billing through the local water suppliers.

In 2020, we lost our Water Education program that was cut through the Legislature during a special session. We are working to re-establish it, as well as to increase the appropriations for the Slow the Flow campaign.

RANDY CROZIER on the water savings talked about in gallons, I would like to see it in acre-feet. CHAIR KYLE STEPHENS a visual picture also helps to demonstrate how big an area is of savings.

DIRECTOR CANDICE HASENYAGER we are working with our River Basin Planning section to re-establish an effort to collect data from a sample of water suppliers on a monthly basis so we have a more consistent kind of data collection from the same entities. The coordinated action plan for water with the Governor and DNR will be at the

end of October. Interim week starts next week. I will be presenting on the efforts of State facilities and their conservation efforts. There was a bill passed this last legislative session HB121 that requires state facilities to meet some conservation goals. We have also submitted a number of building blocks. One of our highest priorities was improving the Dam Safety funds. We are asking for one-time additional funds for $10 million. We are also asking for an increase in ongoing funds. We asked for additional funds to reinstate our water conservation program and our education program. We also had a request for a reservoir sedimentation program. We recognize that this is not an emergency type of issue but it is a long-term issue as our reservoirs continue to fill up with sediment and we lose storage capacity there. I can send out a complete list of this, the total for ongoing funds we are asking for is $330,000. We also have the additional request for the Cloud Seeding program. We are asking for over $5,000,000; some one-time and some ongoing to Super-size our cloud seeding program. We asked for agricultural optimization funds for the Agricultural Optimization Task Force. That totaled about $1,400,000 of one-time funds. We asked for additional funds for secondary meter installation grants. We know that the current funds will not provide grants for the entire state. The last one is the statewide Turf Rebate Program and we requested $1,000,000 ongoing. We have $5,000,000 right now that was one-time. But we are looking to have an ongoing program as we continue to face drought. Our residents use about 60% of M&I water use on their lawns and gardens. If we can cut that by two-thirds that will make a huge difference. There are a lot of needs out there and obviously, water is on everyone's mind.

I want to give you an update on the Colorado River. In August, the Bureau of Reclamation released its 24-month study, which really sets the 2023 Colorado River operations at Lake Powell and Lake Mead. The continued drought crisis has really impacted that whole system. The Department of Interior called for urgent action to improve and protect the long-term sustainability of the Colorado River System. One of the highlights of the information that came out of the August study. Lake Powell will operate in the lower elevation-balancing tier in water year 2023. They have a big range in how much water they might release, between 7.0 and 9.5 million acre-feet right now, because of the low elevation levels. At Lake Powell, the estimate is that 7.0 million acre-feet will be released. There is a caveat depending on the winter and the Bureau of Reclamation will reevaluate it in its April 24-month study. Lake Powell is in its first Level 2 shortage condition for the calendar year 2023. This means that the Lower Basin States are going to have additional cuts. Arizona will have to reduce how much water it's taking by 592,000 acre-feet. Nevada has to cut 25,000 acre-feet and Mexico has to cut 104,000 acre-feet, which is approximately 7% of Mexico's annual allotment. This is based on the Drought Contingency Plan that passed in 2019. To note California is not on that list. The Lower Basin did not respond. The Upper Basin states did not come up with a volume, but we did put together a five-point plan. We agreed to develop or start the process of developing the 2023 Drought Response Operations Agreement Plan. We are also looking to get the System Conservation reauthorized. You all are familiar with the System Conservation Pilot Project that ran from 2016 to 2018, where there was an

effort to pay farmers to follow their land. They were reimbursed and financially compensated, so that water went downstream instead of being diverted. One of the points of our plan is a consideration of demand management programs; so the Upper Basin States are continuing to work on that. The fourth point was the implementation of a bipartisan infrastructure law. In the bipartisan infrastructure, there is $50,000,000 that was set aside for the Upper Basin response to drought conditions. In addition, the fifth one is aggressive water management. We are really trying to use our current water supplies as wisely as possible. That is what was in the Upper Basin 5-Point Plan that Utah signed up to do.

CHAIR KYLE STEPHENS this has been an historical year. As mentioned on the 75th anniversary, you reflect back and there has been a lot of good work that has been done by a lot of hard-working dedicated people. Board members and staff, as you look back over the Division over those 75 years, and as you look to the future 75 years, at the end of that 75 years, there are a lot of challenges that will be out there. However, I am confident that with all the increased improvements in technology and the ingenuity of staff and individuals, that we will be able to rise to the occasion for the next 75 years. We need to celebrate the accomplishments that have been done in the past and look to the things that can be done in the future.

JIM LEMMON motioned to adjourn.

The meeting adjourned at 11:29 am.

OCTOBER 2022