

BOARD OF WATER RESOURCES BOARD MEETING

OREM, UTAH

SEPTEMBER 15, 2022



PLAN



CONSERVE



DEVELOP



PROTECT



DIVISION OF WATER RESOURCES 1594 WEST NORTH TEMPLE, #310 SLC, UTAH 84114-6201

2022

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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May							June							July							August						
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15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20
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September							October							November							December						
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11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17
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2022 Board Meeting Schedule

September 15, 2022 – Orem, Utah County

October 27, 2022 – Salt Lake City

December 6, 2022 Salt Lake City

Agenda
Utah Board of Water Resources
Board Briefing Meeting

September 15, 2022

8:30 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

September 15 , 2022

8:30 AM Briefing

10:00 AM Board Meeting

Central Utah Water Conservancy District

1426 E 750 N Suite 400, Bldg. #2 Orem, UT

Link to presentations and public comment form:

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

Livestream Links:

Briefing Meeting: <https://youtu.be/Uo-m5akC4QA>

Board Meeting: <https://youtu.be/b5KGde0Ap2M>

APPROVAL OF MINUTES

<u>Proj. No.</u>	<u>Applicant</u>	<u>County</u>	<u>Proj. Manager</u>
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COMMITTAL OF FUNDS:

RM025	Green Belt Irrigation Company	Cache	Ann Baynard
RM044	Newton Water Users Association	Cache	Russell Hadley
RM046	Kanab Irrigation Company	Kane	Tom Cox
RM054	Smithfield Irrigation Company	Cache	Tom Cox
RM055	North Summit Pressurized Irrigation Co	Summit	Tom Cox

SPECIAL ITEMS:

RE436	Muddy Creek Irr Co (Expansion of Scope)	Emery	Jaqueline Pacheco
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NEW APPLICATIONS:

RL589	Morgan City	Morgan	Russell Hadley
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CLOUD SEEDING REPORT AND REQUEST FOR FUNDING:

Jake Serago

LAKE POWELL PIPELINE REPORT:

Eric Dixon

ADOPT SCHEDULE FOR 2023 MEETINGS:

DIRECTOR'S REPORT:

Candice Hasenyager

ADJOURNMENT

BOARD OF WATER RESOURCES

REVOLVING CONSTRUCTION FUND

Funding Status September 15, 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 Washington County Flood Contr. Auth. (Warner)	RC049	**Grant	212,000	03/22/17
5 Washington County Flood Contr. Auth. (Stucki)	RC050	**Grant	88,400	03/22/17
6 West Milburn Irrigation Company	RE442		335,000	10/08/20
Total Funds Committed			\$ 2,230,000	
Funds Balance			\$ 7,712,000	

Projects Authorized

1 Sunrise & Bench Creek Irrigation Co	RE443		\$ 580,000	01/28/21
2 West Cache Irrigation Co	RE454		940,000	12/07/21
Total Funds Authorized			\$ 1,520,000	
Remaining Funds Available	(End of year balance if all listed projects were fully paid)			\$ 6,192,000

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

BOARD OF WATER RESOURCES

CITIES WATER LOAN FUND

Funding Status September 15, 2022

Funds Available for Projects This FY	\$ 17,038,000
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Bonds Closed This FY

1 None	\$ -
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Total Bonds Closed	\$ -
Funds Balance	\$ 17,038,000

Projects with Funds Committed

1 None	\$ -
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Total Funds Committed	\$ -
Funds Balance	\$ 17,038,000

Projects Authorized

1 Millville City	RL587	\$ 1,598,000	12/05/19
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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 September 15, 2022

Funds Available for Projects This FY	\$ 156,155,000
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Projects Contracted/Bonds Closed This FY

1 None	\$ -	
Total Funds Contracted/Closed	\$ -	
Funds Balance	\$ 156,155,000	

Projects with Funds Committed

1 City of South Salt Lake	RE458	\$ 8,500,000	08/04/22
2 Davis & Weber Counties Canal Company	RM003	3,643,000	08/04/22
* 3 Kanab Irrigation Company	RM046	162,000	08/04/22
* 4 Newton Water Users Association	RM044	92,000	08/04/22
* 5 North Summit Pressurized Irrigation Company	RM055	213,000	08/04/22
* 6 Smithfield Irrigation Company	RM054	1,020,000	08/04/22
7 Willow Creek Irrigation Company	RE444	227,750	12/07/21
Total Funds Committed		\$ 13,858,000	
Funds Balance		\$ 142,297,000	

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		\$ 77,084,000	

Secondary Meter Projects Authorized

1 17th North Water Users	RM066	\$ 99,500	08/04/22
2 Annabella (Town of)	RM026	113,000	08/04/22
3 Benchland Water District	RM065	2,440,000	08/04/22
4 Bluffdale (City of)	RM053	387,000	08/04/22
5 Bountiful Irrigation District	RM007	3,643,000	08/04/22
6 Centerfield City	RM035	402,000	08/04/22
7 Centerville Deuel Creek Irrigation Company	RM056	3,075,000	08/04/22
8 Coalville City	RM040	332,000	08/04/22

9 Fountain Green Irrigation Co	RM049	303,000	08/04/22
10 Gunnison City	RM028	1,030,000	08/04/22
11 Haight Creek Irrigation Company	RM012	1,822,000	08/04/22
12 Heber City	RM038	1,997,000	08/04/22
13 Hooper Irrigation Company	RM042	798,000	08/04/22
14 Horseshoe Irrigation Company	RM032	259,000	08/04/22
15 Hurricane City	RM073	703,000	08/04/22
16 Layton City	RM011	1,821,000	08/04/22
17 Lehi City	RM001	3,643,000	08/04/22
18 Loa Town	RM075	97,000	08/04/22
19 Manti City Creek WUMA	RM034	956,000	08/04/22
20 Mayfield Irrigation Company	RM036	253,000	08/04/22
21 Moroni City	RM059	346,000	08/04/22
22 Mountain View Irrigation Company	RM033	743,000	08/04/22
23 Nephi Irrigation Company	RM062	350,000	08/04/22
24 Newton Town Sprinkling Company	RM045	132,000	08/04/22
25 North Logan Sprinkling Company	RM030	61,000	08/04/22
26 North Park Irrigation Company	RM015	57,500	08/04/22
27 Paradise Irrigation & Reservoir Company	RM064	695,000	08/04/22
28 Pleasant Grove City	RM043	4,250,000	08/04/22
29 Richards Irrigation Company	RM051	145,000	08/04/22
30 Richmond Irrigation & Power Company	RM010	606,000	08/04/22
31 Roy Water Conservancy District	RM075	3,643,000	08/04/22
32 South Davis Water District	RM022	1,317,000	08/04/22
33 South Ogden Conservation District	RM020	3,643,000	08/04/22
34 South Weber Water Improvement District	RM009	933,000	08/04/22
35 Springdale Consolidated Irrigation Company	RM068	190,000	08/04/22
36 Weber-Box Elder Conservation District	RM019	3,643,000	08/04/22
37 Wellington City	RM058	484,000	08/04/22
38 Wolf Creek Irrigation Company	RM067	132,600	08/04/22
Total Funds Authorized			\$ 45,545,000
Remaining Funds Available	(End of year balance if all listed projects were fully paid)		\$ 31,539,000

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

BOARD OF WATER RESOURCES

SMALL SYSTEM SECONDARY METER GRANT FUNDS

Funding Status September 15, 2022

Funds Available for Projects This FY	\$ 2,795,000
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Projects Contracted This FY

1 None	\$ -
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Total Funds Contracted	\$ -
Funds Balance	\$ 2,795,000

Projects with Funds Committed

None	\$ -
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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 September 15, 2022

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

1 None	\$ -	
Total Funds Contracted		\$ -
Funds Balance		\$ 250,000,000

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 Annabella Town	RM026	475,000	08/04/22
4 Benchland Water District	RM065	5,000,000	08/04/22
5 Birch Creek Irrigation Company	RM057	270,000	08/04/22
6 Bluffdale (City of)	RM053	1,063,000	08/04/22
7 Bountiful Irrigation District	RM007	10,000,000	08/04/22
8 Castle Valley Special Service District	RM027	5,000,000	08/04/22
9 Cedar Hills (City of)	RM004	1,520,000	08/04/22
10 Center Hyde Park Water Pipeline Company	RM063	91,000	08/04/22
11 Centerfield City	RM035	1,102,000	08/04/22
12 Centerville Deuel Creek Irrigation Company	RM056	5,000,000	08/04/22
13 Coalville City	RM040	910,000	08/04/22
14 Davis & Weber Counties Canal Company	RM003	10,000,000	08/04/22
15 Draper Irrigation Company	RM049	555,000	08/04/22
16 Fountain Green Irrigation Company	RM049	832,000	08/04/22
17 Fruit Heights City	RM061	196,000	08/04/22
* 18 Green Belt Irrigation Company	RM025	50,400	08/04/22
19 Gunnison City	RM028	2,828,000	08/04/22
20 Haight 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 Hyrum City	RM008	5,000,000	08/04/22
27 Kanab Irrigation Company	RM046	445,000	08/04/22
28 Layton City	RM011	5,000,000	08/04/22
29 Leeds Water Company	RM069	364,000	08/04/22
30 Lehi City	RM001	10,000,000	08/04/22
31 Liberty Irrigation Association	RM041	560,000	08/04/22
32 Lindon City	RM039	758,000	08/04/22
33 Loa Town	RM075	266,000	08/04/22
34 Manti City Creek WUMA	RM034	2,623,000	08/04/22
35 Mayfield Irrigation Company	RM036	696,000	08/04/22
36 Moroni City	RM059	949,000	08/04/22

37 Mountain View Irrigation Company	RM033	2,039,000	08/04/22
38 Newton Town Sprinkling Company	RM045	360,000	08/04/22
39 Newton Water Users Association	RM044	252,000	08/04/22
40 North Dry Creek Irrigation Company	RM018	168,700	08/04/22
41 North Park Irrigation Company	RM015	157,500	08/04/22
42 North Summit Pressurized Irrigation Company	RM055	584,000	08/04/22
43 Paradise Irrigation & Reservoir Company	RM064	1,908,000	08/04/22
44 Pleasant Grove City	RM043	10,000,000	08/04/22
45 Richards Irrigation Company	RM051	398,000	08/04/22
46 Richmond Irrigation & Power Company	RM010	1,663,000	08/04/22
47 Riverton City	RM023	8,806,000	08/04/22
48 Roy Water Conservancy District	RM075	10,000,000	08/04/22
49 Settlement Canyon Irrigation Company	RM037	490,000	08/04/22
50 Smithfield City	RM021	287,000	08/04/22
51 Smithfield Irrigation Company	RM054	2,800,000	08/04/22
52 South Davis Water District	RM022	3,615,000	08/04/22
53 South Despain Ditch Company	RM017	345,800	08/04/22
54 South Ogden Conservation District	RM020	10,000,000	08/04/22
55 South Weber Irrigation Company	RM052	934,000	08/04/22
56 South Weber Water Improvement District	RM009	2,562,000	08/04/22
57 Springdale Consolidated Irrigation Company	RM068	417,000	08/04/22
58 Syracuse City	RM029	10,000,000	08/04/22
59 Timpanogos Canal Company	RM060	287,000	08/04/22
60 Upper East Union Irrigation Company	RM031	210,000	08/04/22
61 Weber Basin Water Conservancy District	RM005	10,000,000	08/04/22
62 Weber-Box Elder Conservation District	RM019	10,000,000	08/04/22
63 Wellington City	RM058	1,328,000	08/04/22
64 Willow Creek Irrigation Company	RM050	273,000	08/04/22
65 Wolf Creek Irrigation Company	RM067	364,000	08/04/22

Total Funds Committed	\$ 188,502,000
Funds Balance	\$ 61,498,000

Projects Authorized

1 Browns Meadow Irrigation Association	RM013	\$ 189,000	08/04/22
2 Johnson Park Pipeline Company	RM024	114,800	08/04/22
3 Nephi Irrigation Company	RM062	959,000	08/04/22
4 North Logan Sprinkling Company	RM030	168,000	08/04/22

Total Funds Authorized	\$ 1,431,000
Funds Balance	\$ 60,067,000

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

September 15, 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 Ferron Canal & Reservoir Co	RE320	C&D	2,720,000	3,200,000	10/11/12
4 Glendale Irrigation Co	RE408	C&D	1,109,000	1,305,000	02/08/18
5 Glenwood Town (NRCS Dam Safety Grant)	RC056	RCF	969,000	3,568,000	05/10/18
* 6 Green Canyon Sprinkler Co	RM072	C&D	230,000	270,000	
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	
* 9 Morgan City	RL589	CWL	2,552,000	6,004,200	
10 Sanpete WCD (Narrows Dam)	RD377	C&D	29,325,000	34,500,000	04/07/83
11 Uintah WCD	RE316	C&D	36,550,000	43,000,000	10/10/13
12 Weber Basin WCD	RE312	C&D	85,000,000	100,000,000	04/16/12
13 Wellsville-Mendon Conservation District	RE364	C&D	680,000	800,000	03/18/15
Subtotal			\$ 176,039,000	\$ 213,634,000	

ADDITIONAL FUTURE ARPA FUNDING NEEDS

Sponsor	No.	Fund	Est. Board Cost	Total Cost	
* 1 Center Creek Irrigation Co	RM079	ARPA	\$ 121,000	\$ 173,000	
* 2 Charleston Irrigation Co	RM078	ARPA	145,000	207,000	
* 3 Daniel Irrigation Co	RM080	ARPA	262,000	374,000	
* 4 Extension Irrigation Co	RM081	ARPA	16,300	23,300	
* 5 Green Canyon Sprinkler Co	RM072	ARPA	630,000	630,000	
* 6 Lehi City	RM074	ARPA	10,000,000	10,000,000	
* 7 Salem City	RM077	ARPA	1,330,000	2,100,000	
* 8 Spring Creek Irrigation Co	RM083	ARPA	69,000	99,000	
* 9 Springdale Town	RM076	ARPA	105,000	224,000	
* 10 Wasatch Irrigation Co	RM082	ARPA	136,000	194,000	
Subtotal			\$ 12,814,000	\$ 14,024,000	

* New Application

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **Green Belt Irrigation Company**

Project Number: RM025
Fund: ARPA Grant
Total Cost: \$118,000

Application Received: 5/10/2022
Authorized: 8/4/2022
Board Meeting Date: 9/15/2022

Board Member: Charles Holmgren
Project Manager: Ann Baynard

Project Summary: The purpose of the project is to purchase and install 92 secondary water meters.

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

Project Contacts:

President:
Kim W. Hawkes
2133 N. 640 E.
North Logan, UT 84341
435-994-1671

Secretary/Treasurer:
Brady Smoot
2142 N. 728 E.
North Logan, UT 84341
801-699-9618

Engineer:
Paul Willardson, P.E.
J-U-B Engineers, Inc.
1047 South 100 West
Suite 180
Logan, UT 84321



Location

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

Project Summary

The purpose of the project is to purchase and install 92 secondary water meters.

Cost Estimate & Sharing

Green Belt Irrigation Company has been working with a professional engineer and has updated their cost estimate since authorization. The board originally authorized 70% of the total project cost (\$72,000), up to \$50,400, as a secondary meter grant. The engineer now estimates the total project cost to be approximately \$118,000. The company is requesting \$32,200 in additional funds and has submitted the required items for committal of funds. The following table indicates these changes:

Agency	Authorized Cost Sharing	% of Total	Proposed Cost Sharing	% of Total
Board of Water Resources	\$50,400	70%	\$82,600	70%
Applicant	21,600	30	35,400	30
TOTAL	\$72,000	100%	\$118,000	100%

Recommendation

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

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **Newton Water Users Association**

Project Number: RM044

Fund: Conservation and Development Fund

Total Cost: \$360,000

Application Received: 5/13/2022

Authorized: 8/4/2022

Board Meeting Date: 9/15/2022

Board Member: Charles Holmgren

Project Manager: Russell Hadley

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

Recommendation: 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.

Project Contacts:

President:
Val Jay Rigby
PO Box 81
Newton, UT 84327
435-757-4236

Secretary:
Greg Jorgensen
PO Box 201
Newton, UT 84327
435-890-5329

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



Location

The proposed project is located in Newton in Cache County.

Project Summary

The purpose of the project is to purchase and install 100 secondary meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Cost Sharing	% of Total
Board of Water Resources - Grant	\$252,000	70.0%
Board of Water Resources - Loan	92,000	25.5
Applicant	16,000	4.5
TOTAL	\$360,000	100%

Repayment

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.

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **Kanab Irrigation Company**

Project Number: RM046

Fund: Conservation and Development Fund

Total Cost: \$636,000

Application Received: 5/13/2022

Authorized: 8/4/2022

Board Meeting Date: 9/15/2022

Board Member: James A. Lemmon

Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 290 secondary water meters.

Recommendation: 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.

Project Contacts:

President:
Norris Brown
16 East 200 South
Kanab, UT 84741
435-689-0376

KCWCD Manager:
Mike Noel
725 East Kaneplex Drive.
Kanab, UT 84741
435-644-3997

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



Location

The proposed project is located Kanab in Kane County.

Project Summary

The purpose of the project is to purchase and install approximately 290 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Cost Sharing	% of Total
Board of Water Resources - Loan	\$162,000	25.5%
Board of Water Resources - Grant	445,000	70.0
Applicant	29,000	4.5
TOTAL	\$636,000	100%

Repayment

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.

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **Smithfield Irrigation Company**

Project Number: RM054

Fund: Conservation and Development Fund

Total Cost: \$4,000,000

Application Received: 5/13/2022

Authorized: 8/4/2022

Board Meeting Date: 9/15/2022

Board Member: Charles Holmgren

Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 1,050 secondary water meters.

Recommendation: 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.

Project Contacts:

President:
Pat Draper
340 East 200 North
Smithfield, UT 84335
435-563-3161

Secretary:
LuAnn Hansen
52 East 200 South
Smithfield, UT 84335
435-563-3370

Engineer:
Scott Archibald
Sunrise Engineering
2100 North Main
North Logan, UT 84341
435-563-3737



Location

The proposed project is located in Smithfield in Cache County.

Project Summary

The purpose of the project is to purchase and install approximately 1,050 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Cost Sharing	% of Total
Board of Water Resources - Loan	\$1,020,000	25.5%
Board of Water Resources - Grant	2,800,000	70.0
Applicant	180,000	4.5
TOTAL	\$4,000,000	100%

Repayment

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.

BOARD OF WATER RESOURCES

Committal of Funds



Applicant: **North Summit Pressurized Irrigation Company**

Project Number: RM055
Fund: Conservation and Development Fund
Total Cost: \$834,000

Application Received: 5/13/2022
Authorized: 8/4/2022
Board Meeting Date: 9/15/2022

Board Member: Kyle Stephens
Project Manager: Tom Cox

Project Summary: The purpose of the project is to purchase and install approximately 220 secondary water meters.

Recommendation: 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.

Project Contacts:

President:
Ben Keyes
PO Box 995
Coalville, UT 84017
801-361-2094

Secretary:
Lisa O'Brien
PO Box 362
Coalville, UT 84107
801-589-7796

Engineer:
Benjamin Miner
Hansen Allen Luce
859 W. South Jordan Parkway
Suite 200
South Jordan, UT 84095
801-566-5599



Location

The proposed project is located in Hoytsville, which is south of Coalville in Summit County.

Project Summary

The purpose of the project is to purchase and install approximately 220 secondary water meters.

Cost Estimate & Sharing

The cost estimate and sharing remain as authorized:

Agency	Cost Sharing	% of Total
Board of Water Resources - Loan	\$213,000	25.5%
Board of Water Resources - Grant	584,000	70.0
Applicant	37,000	4.4
TOTAL	\$834,000	100%

Repayment

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.

BOARD OF WATER RESOURCES
Special Item – Expansion of Scope



Applicant: **Muddy Creek Irrigation Company**

Project Number: RE436
Fund: Conservation and Development Fund
Total Cost: \$5,033,000

Application Received: 3/5/2020
Authorized: 5/14/2020
Committed: 8/6/2020
Board Meeting Date: 9/15/2022

Board Member: Norman L. Johnson
Project Manager: Jaqueline Pacheco

Project Summary: The purpose of the original project was to pressurize the irrigation system and install approximately seven miles of pipe. This was completed under budget and the company is requesting to use remaining funds to install an additional 2.2 miles of pipe.

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

Project Contacts:

President:
Morris Sorenson
P.O. Box 104
Emery, UT 84522
435-749-7028

Secretary:
Abbie Christiansen
P.O. Box 104
Emery, UT 84522
435-609-7181

Engineer:
Tyler Faddis, P.E.
Jones & DeMille Engineering
1535 South 100 West
Richfield, UT 84701
435-835-4540



Location

The proposed project is located one mile north of Emery in Emery County.

Project Summary

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 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.

Cost Estimate

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.

BOARD OF WATER RESOURCES

Application Summary



Applicant: **Morgan City**

Project Number: RL589
Fund: Cities Water Loan Fund
Cost Estimate: \$6,004,200

Application Received: 8/19/2022
Board Meeting Date: 9/15/2022

Board Member: Kyle Stephens
Project Manager: Russell Hadley

Project Contacts:

Mayor: Steve Gale 90 W. Young Street Morgan, UT 84050 (801)829-3461	City Manager: Ty Bailey 90 W. Young Street Morgan, UT 84050 (801)829-3461	City Recorder: Denise Woods 90 W. Young Street Morgan, UT 84050 (801)829-3461	Engineer: Matthew Hartvigsen, PE Jones & Associates 6080 Fashion Point Dr South Ogden, UT 84403 (801)391-5711
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Location

The proposed project is located in Morgan City in Morgan County.

Proposed Project

The applicant is requesting financial assistance from the board to improve the City's water supply by replacing a 100,000 gallon storage tank with a 1.5 million gallon tank, constructing new treatment facilities, installing flow monitoring equipment and aquifer storage and recovery.

Water Rights

- 35-8158
- 35-8173

BOARD OF WATER RESOURCES

Report Summary



Cloud Seeding Report September 15, 2022

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 percent with local sponsors.

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%.

Program and Sponsor	Program Costs (\$)			
	Local Sponsor	Water Resources	Utah Total	Lower Basin States
Central	91,520	91,520	183,040	35,990
Utah Water Resource Development Corp.				
Northern	45,320	45,320	90,640	
Cache County	22,660			
Bear River Water Conservancy District	22,660			
Western Uinta	44,520	44,520	89,040	
Weber Basin Water Conservancy District	22,260			
Provo Water Users Association	11,130			
Central Utah Water Conservancy District	11,130			
High Uinta	49,350	49,350	98,700	21,060
Central Utah Water Conservancy District	24,675			
Duchesne County Water Conservancy District	12,338			
Uintah Water Conservancy District	12,338			
Six Creeks	45,170	45,170	90,340	
Salt Lake Public Utilities				
Book Cliffs	10,856	21,711	32,567	10,856
Rang Creek Properties, LLC				
Emery	15,610	15,610	31,220	9,040
Emery Water Conservation District				
SubTOTAL	302,336	313,191	615,527	76,946
North Uinta				6,871
Remote Generator (High Uinta)				23,854
Icing meters				49,000
SubTOTAL		0	0	79,724
TOTAL			615,527	156,670
				772,197

Lake Powell Pipeline Update
September 15, 2022

- 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
 - o Waters of the United States (WOTUS)
 - o Grand Staircase-Escalante National Monument (GSENM) boundaries
- Ongoing coordination with Basin States
- Additional permitting efforts to be completed
 - o Bureau of Reclamation Section 14 Agreement
 - o Bureau of Land Management preparing Historic Properties Treatment Plan
 - o Army Corps of Engineers 404 Permits and Utah 401 Certification
 - o Fish and Wildlife Service Biological Opinion
- Project Timeline – Waiting for SDEIS schedule
- Contracts Update
 - o Bureau of Reclamation Task Order
 - o Bureau of Land Management Cost Recovery Agreement
 - o Kaibab Band of Paiute Indians
 - o Stantec Contract – time extension through 2023 (see staff recommendation below)

Presented by Eric Dixon, Lake Powell Pipeline Project Manager

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.

2023 Proposed Meeting Dates

January 26 – Thursday

March 22 – Wednesday

May 11 – Thursday

June 29 – Thursday

August 10 – Thursday

October 5 – Thursday

December 5 - Tuesday

Unapproved

BOARD OF WATER RESOURCES

BRIEFING MEETING

MINUTES

AUGUST 4, 2022

BOARD OF WATER RESOURCES
Briefing Meeting Minutes
Department of Natural Resources
Salt Lake City, UT
August 4, 2022
8:00 am

BOARD MEMBERS PRESENT

Chair Kyle Stephens
Wayne Andersen
Norman Johnson
Charles Holmgren
Jim Lemmon
Blaine Ipson
Randy Crozier
Juliette Tennert (Virtual)

STAFF PRESENT

Director Candice Hasenyager
Deputy Director Joel Williams
Assistant Director Shalaine DeBernardi
Marisa Egbert
Rachel Shilton
Randy Staker
Michael Sanchez
Tom Cox
Ben Marett
Grant Doty
Steven Gregerson
Shannon Clough
Jaqueline Pacheco
Ann Baynard
Lanli Pham
John Hinzman
Carmen McDonald
Paul Gedge

CHAIR KYLE STEPHENS called the meeting to order at 8:00 am and announced Board Members present.

DIRECTOR CANDICE HASENYAGER announced staff and others present.

APPROVAL OF MINUTES:

CHAIR KYLE STEPHENS asked for any changes that needed to be made to the minutes from the last meeting. No changes are needed.

DISCUSSION OF BOARD AGENDA ITEMS:

COMMITTAL OF FUNDS

City of South Salt Lake RE458

JAQUELINE PACHECO the Board authorized the project back in June of 2022. It was for 85% of the project cost up to \$8,500,000. The primary project is to develop a new well, pump station, and an iron/manganese treatment plant. The applicant is requesting that any funds remaining from the primary project be applied towards a secondary project to replace the cast iron mainlines. There have been no changes to the project since authorization. The cost estimate and cost sharing remain as authorized 85% or \$8.5 million from the Board of Water Resources and \$1.5 million is what their share would be, for a total of \$10 million. The motion is that the Board commit 85% of the project cost, up to \$8,500,000 and that the bonded indebtedness be returned at 1% interest over 30 years with annual payments of approximately \$342,000 (includes reserves). Juliette Tennert will be prepared to make the motion.

SPECIAL ITEM

Hodges Irrigation Company RE459

CHARLES HOLMGREN a couple of weeks ago, Hodges Irrigation Company in Rich County was in a crisis because their canal system failed. This was the second time this year. They were told to get a hold of me because it was an emergency.

MARISA EGBERT they have about a 600-foot long part of the canal that has failed in Garden City. It failed in May and they tried to fix it and it then failed again in July. The purpose of the project is to replace about 700 feet of failing open canal with a large diameter pipe. They are expecting the cost to be around \$435,000. We are going to use the Revolving Construction Fund. So 85% of the project cost, up to \$370,000, and that the project be purchased at 0% interest over 25 years with annual payments of approximately \$14,800.

INFORMATION TO THE BOARD:

ASSISTANT DIRECTOR SHALAINE DEBERNARDI we have 70 secondary meter projects to consider today. We will have an opening statement to share at the opening of every session, during today's Board Meeting. We have broken it into three sessions and we invited specific applicants for each session. We will have the project managers present an area and present the facts to you; the total cost and the staff's recommendations. Then we will ask to make a blanket motion, "move to authorize and commit". This will give us the legal authority that we need to enter into contracts.

One of the requirements is to have a licensed engineer sign off on this. So if they have not had an engineer sign off then we're just asking you today to authorize grant funds and we are not going to commit. We are not going to contract them. We will bring them back another time for committal.

CHAIR KYLE STEPHENS are each of the applicants going to be given an opportunity or expected to speak about their project.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI we have told them they need to be here in person or virtually to acknowledge receipt of what the Board does, but we have not invited them to speak.

DIRECTOR CANDICE HASENYAGER I will have a Google sheet to handle the introductions. I have asked staff to help fill it out. I will try to introduce everyone that is here.

CHAIR KYLE STEPHENS could you please read to the Board the statement that will be read before each session starts.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI Utah is one of the driest states in the nation and the fastest growing. Drinking water sources are limited, in addition potential climate change impacts and the current multi-year drought in Utah threatened 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. Many Utah communities 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. Technology has improved over the last decade and allows for the metering of untreated secondary water. Use of water can not be measured without metering. 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 20 to 30% reduction in use. Secondary metering combined with conservation and education protects the water supplies and allows drinking water providers to plan for their future growth. House Bill 242 states that a secondary water supplier shall install and maintain a meter of the use of pressurized secondary water by each user receiving secondary water service from that supplier by January 1, 2030. The legislature provided \$250 million dollars to the Board of Water Resources to help providers meet that requirement. The Board may issue grants up to 70% of the project cost, but are limited to 5 million dollars for providers with 7,000 secondary connections or less and 10 million dollars for providers with more than 7,000 connections. If the board provides grant funds for a project, the secondary water supplier must submit or update a water conservation plan for its service area and obtain approval of that plan from the Division of Water Resources staff. In addition, meters purchased with grant money shall allow for data communication between the meter and other devices designed to manage use of secondary water and the secondary water supplier must agree to provide an educational component to each end user, in either a monthly water user statement or a customer specific internet portal. This education component must promote water conservation and provide information on the customer's secondary water usage.

CHAIR KYLE STEPHENS we need to emphasize the fact that the projects need to be done by 2026. They needed to be committed and used. These are ARPA funds.

MARISA EGBERT a lot of these applicants have never done a Water Conservation Plan because they're not required to, especially the small systems. Or they've never come to us for funding before. I want to give a shout out to Shelby Ericksen who is over our Water Conservation Section. She has been going over our Water Conservation Plans, we have a

Google sheet with tons of information about everything going on for each report, and she has been updating that. What we asked is that everyone have a draft submitted by July 31.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI we have created a PowerPoint, it will have a table that is similar to what you have in front of you. It will show in your area the projects, the amount of water conserved, the expected number of meters, the total cost, the grant amount and the loan amount, if there is one. You can look at the slide and see at the bottom the totals for your area.

JULIETTE TENNERT can you tell us a little about why the meter type estimates might vary a little bit.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI the highest ones were some of the smallest systems and it simply is because they do not have the accessibility that some others do. Adding the electronic communication component into a small project adds up the price fast. When you are talking per meter costs, when it's 30 or 40 meters you still have to have some sort of data communication between the meters and the devices, and that is costly per meter when you have a small system.

DIRECTOR CANDICE HASENYAGER one of the other areas that we saw with a higher meter costs were those areas that maybe had bigger meters. Like an institution, not for agriculture but for municipal type uses. They had a bigger meter that they needed. Those costs did rise higher. I have a spreadsheet to share with you that shows the breakup of each of your districts. The average cost per meter was about \$2,500.00. But some did very well because some already had a lot of infrastructure in place and could do it for less. I did see some upwards of \$9,500 depending on all the different variables, the size of the system, what they had in place and the sizes of the projects they were putting them in. There is a big range, but overall the total was about \$2,500.

MARISA EGBERT each project manager will be presenting a block at the Board meeting. This will be after we do South Salt Lake and Hodges Irrigation Company. We want to make sure you have everything you need.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI Our final session will be today at 3:30 pm. It has been a team effort. We are grateful to be here and ready to tackle this.

DIRECTORS REPORT

DIRECTOR CANDICE HASENYAGER I would like to introduce two new employees that we have added to our staff here at Water Resources. JACK HINZMAN is our new GIS Analyst. He started July 26th. He was born in Cincinnati Ohio. Jack attended the University of Cincinnati and graduated with a BS in environmental science and a minor in geology. He moved to Utah after graduation in 2018. Jack did some intern work at our sister agency the Division of Wildlife.

LANLI PHAM is our new Administrative Assistant. Lanli started July 11th. Lanli was born in Logan, Utah and moved to Salt Lake City about 10 years ago. She went to Salt Lake Community College and got her associates degree in geography and a certificate of completion in GIS.

We are happy to have Jack and Lanli on our team.

STATUS OF FUNDS

ASSISTANT DIRECTOR SHALAINE DEBERNARDI gave an update. In addition, when it comes to the Revolving Construction, the C&D and the City Water Loans funds, I cannot guarantee the accuracy of these numbers right now. This was the first time trying to pull these numbers together and with all the secondary metering stuff going on I didn't quite get the time I needed to focus on this. However, I do think these numbers are close for where we are right now. The big thing was adding the secondary meter grant to this Status of Funds. We are starting the day with \$250 million available. Today we are asking the Board to commit grant funds for \$188 million. In addition, authorization of grants is just over \$1.5 million.

DIRECTOR CANDICE HASENYAGER Ben Marett and Tom Cox submitted a FEMA Dam Safety grant application. As we have discussed in previous Board meetings we have a lot of need as far as our high hazard dams in Utah and not enough money to satisfy all of the needs that we have. We are going to submit a building block to the legislature to see if we can get additional funds appropriated for our high hazard dam safety program. In addition to that, we are looking to leverage the federal funds that are available. There are about \$22 million available. We split it up into two categories, design and planning, and the other construction. Ben submitted nine dams to go through the application process for the design portion. If we get any of those grants, the dam owners will have to go through those federal requirements to get that money. We are trying to leverage those funds to help offset the cost that we are seeing for our high hazard dams.

Another element I want to highlight is the drought conditions. As drought conditions have persisted, the Great Salt Lake has continued to drop in elevation. One of the issues that has arisen is that the salinity in the South Arm has continued to get more salty. The Legislature appropriated \$5 million for preservation of the Great Salt Lake to go to two categories. One is to change the make-up modification of the berm. So there is a breach in the causeway about a 150 feet and to increase the height of the berm in that breach area. There's less north flows moving from north to south, so that's hyper saline water in the North Arm to try to keep as much of that. We did not completely dam it off, we raised it 4 feet and so there is still a certain amount of flow that can get over the top two feet. To try and hold that really salty water back to make sure the South Arm doesn't get too salty because it's impacting the health of the brine shrimp and their reproductive ability. I have to give a huge shout out to Eric Dixon, one of our design and construction engineers. He has done an amazing job of getting the project through the procurement process and then through the construction. They took only a week, it was a very quick project and it was simple in the idea of just moving rocks to raise the berm within that breach area. One other thing to note on that appropriation is this last week the Great Salt Lake Marina pulled the rest of the boats out of the marina because it is so shallow. We are working with State Parks as well as State Lands to dredge an emergency channel that will be 40 ft x 6 ft to go from the marina into the lake so we can use it for emergency access to the lake.

On September 14th and 15th is our next Board meeting and Board tour in Utah County. We want to reschedule the 75th anniversary celebration to October, in conjunction with the Board meeting on the 27th.

We did go through our 2nd round of applicants for the secondary metering grants and only had about 10 applicants. It closed at the end of July and the applied amount is about \$12 million. We still have funds available, so we will be opening a 3rd third round soon.

CHAIR KYLE STEPHENS the general Board Meeting will start at 10:30. We will have a short recess. The meeting adjourned at 9:41am.

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

August 4, 2022

SUMMARY OF BOARD ACTIONS

AUGUST 4, 2022

1. The minutes from the June 16, 2022 meeting were approved. JIM LEMMON moved to approve the minutes and NORM JOHNSON seconded the motion.
2. RE458 City of South Salt Lake JULIE TENNERT motioned that the Board commit 85% of the project cost, up to \$8,500,000, and that the bonded indebtedness be returned at 1% interest, over 30 years, with annual payments of approximately \$342,000 (includes reserves). NORM JOHNSON seconded the motion. All voted in favor and the motion passed.
3. RE459 Hodges Irrigation Company CHARLES HOLMGREN moved that the Board authorize and commit 85% of the project cost, up to \$370,000, and that the project be purchased at 0% interest, over 25 years, with annual payments of approximately \$14,800. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.
4. CHARLES HOLMGREN I move that the Board authorize and commit secondary meter grants for Hyrum City, Richmond Irrigation and Power Company, Smithfield City, Newton Water Users Association, Newton Town Sprinkling Company, Smithfield Irrigation Company, Center Hyde Park Water Pipeline Company, Paradise Irrigation and Reservoir Company, and for 17th North Water Users Company according to staff's recommendations. NORM JOHNSON SECONDED the motion. All were in favor and the motion passed.

CHARLES HOLMGREN I motion for the Board to authorize secondary metering grants for North Park Irrigation Company, Johnson Park Pipeline Company, Greenbelt Irrigation Company, and for North Logan Sprinkling Company, according to staff's recommendations agreements. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

CHARLES HOLMGREN I will make a motion that the Board authorize secondary meter loans for Richmond Irrigation and Power Company, North Park Irrigation Company, North Logan Sprinkling Company, Newton Water Users Association, Newton Sprinkling Company, Smithfield Irrigation Company, Paradise Irrigation and Reservoir Company, and for 17th North Water Users according to the staff recommendations. WAYNE ANDERSEN seconded the motion. All were in favor and the motion passed.

5. BLAINE IPSON I move that the Board authorize and commit secondary meter grants for Davis & Weber Counties Canal Company Company, Weber Basin Water Conservancy District, Roy Water Conservancy District, Davis & Weber District, Bountiful Irrigation District, South Weber Water Improvement District, Layton City, Hights Creek Irrigation Company, Weber-Box Elder Conservation District, South Ogden Conservation District, South Davis Water District, Syracuse City, Mountain View Irrigation Inc, Coalville City, Liberty Irrigation Association, Hooper Irrigation Company, South Weber Irrigation Company, North Summit Pressurized Irrigation Company,

Centerville Deuel Creek Irrigation Company, Fruit Heights City, Benchland Water District. and Wolf Creek Irrigation Company. NORM JOHNSON seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize and commit the secondary meter loan for Davis & Weber Counties Canal Company according to staff recommendation. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize secondary meter loans to Roy Water Conservancy District, Bountiful Irrigation District, South Weber Water Improvement District, Layton City, Hights Creek Irrigation Company, Weber-Box Elder Conservation District, South Ogden Conservation District, South Davis Water District, Mountain View Irrigation Company, Coalville City, Hooper Irrigation Company, North Summit Pressurized Irrigation Company, Centerville Deuel Creek Irrigation Company, Benchland Water District, and Wolf Creek Irrigation Company according to staff's recommendations. JIM LEMMON seconded the motion. All were in favor and the motion passed.

6. BLAINE IPSON I move that the Board authorize and commit secondary water meter grants for the Town of Annabella, Gunnison City, Horseshoe Irrigation Company, Manti City Creek Water Users Mutual Association, Centerfield City, Mayfield Irrigation Company, Fountain Green Irrigation Company Reincorporated, Willow Creek Irrigation Company, Birch Creek Irrigation Company, Moroni City and Loa Town according to the staff's recommendations. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize secondary meter loans for Town of Annabella, Gunnison City, Horseshoe Irrigation Company, Manti City Creek Water Users Mutual Association, Centerfield City, Mayfield Irrigation Company, Fountain Green Irrigation Company, Moroni City and Loa Town according to the staff's recommendations. WAYNE ANDERSEN seconded the motion. The Board voted and all were in favor and the motion passed.

7. JIM LEMMON I move that the Board authorize and commit secondary water meter grants for Kanab Irrigation Company, Springdale Consolidated Irrigation Company, Leeds Water Company, and Hurricane City according to the staff's recommendations. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

JIM LEMMON I move that the Board authorize secondary meter loans for Kanab Irrigation Company, Springdale Consolidated Irrigation Co, and Hurricane City according to the staff's recommendations. BLAINE IPSON seconded the motion. The Board voted and all were in favor and the motion passed.

8. NORM JOHNSON I move that the Board authorize and commit secondary meter grants for Castle Valley Special Service District and Wellington City according to the staff's recommendations. RANDY CROZIER seconded the motion. The Board voted and all were in favor and the motion passed.

NORM JOHNSON I move that the Board authorize and commit a secondary meter loan for Wellington City according to the staff's recommendation. JIM LEMMON seconded the motion. The Board voted and all were in favor and the motion passed.

9. JULIETTE TENNERT I move that the Board authorize and commit secondary meter grants for Browns Meadow Irrigation Association, South Despain Ditch Company, The North Dry Creek Irrigation Company, Riverton City, Settlement Canyon Irrigation Company, Draper Irrigation Company, Richards Irrigation Company, and the City of Bluffdale according to the staff's recommendations. WAYNE ANDERSEN seconded the motion. The Board voted and all were in favor and the motion passed.

JULIETTE TENNERT I move that the Board authorize secondary meter loans for Richards Irrigation Company and the City of Bluffdale according to the staff's recommendation. JIM LEMMON seconded the motion. The Board voted and all were in favor and the motion passed.

10. ADJOURNMENT CHAIR KYLE STEPHENS thanked the Board members for their time and effort and motioned to adjourn.

ADJOURNED at 4:11 pm.

BOARD OF WATER RESOURCES
MEETING MINUTES
DEPARTMENT OF NATURAL RESOURCES
SALT LAKE CITY, UTAH
August 4, 2022
10:30 am

CHAIR KYLE STEPHENS called the meeting to order at 10:30 am and announced the Board Members present.

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

CHAIR KYLE STEPHENS this is a historical day. We will be discussing projects relative to the secondary metering grant applications and the money that has been made available through the legislative process to address our drought issues and conservation needs.

The Board meeting will be in three sessions because of the large amounts of Secondary Meters applications.

APPROVAL OF THE MINUTES

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

COMMITAL OF FUNDS

RE458 City of South Salt Lake

In June of 2022, the Board authorized 85% of the project's cost of \$8.5 million for the proposed project which consists of two projects. The primary project is to develop a new well, pump station, and iron/manganese treatment plant. The applicant is requesting that any funds remaining from the primary project be applied towards a secondary project to replace the cast-iron mainlines. There have been no changes to the project since authorization. The cost estimate and sharing remains as authorized.

Staff recommends the Board commit 85% of the project cost, up to \$8,500,000, and that the bonded indebtedness be returned at 1% interest over 30 years with annual payments of approximately \$342,000 (includes reserves).

JULIETTE TENNERT motioned that the Board commit 85% of the project cost, up to \$8,500,000, and that the bonded indebtedness be returned at 1% interest over 30 years with annual payments of

approximately \$342,000 (includes reserves) NORM JOHNSON seconded the motion. All voted in favor and the motion passed.

SPECIAL ITEMS

RE459 Hodges Irrigation Company

The proposed project is located near Garden City, just west of Bear Lake, in Rich County. The purpose of the project is to replace about 600 feet of failing open canal with a large diameter pipe.

MARISA EGBERT shared a map and pictures of the canal.

In May 2022, and again in July, an approximate 600-foot section of the existing canal bank and channel failed. This has created slope stability issues for the open canal. Because of this, the canal water has been shut off multiple times, for long periods, for repairs. This has had a significant effect on crop production, town amenities and commercial businesses. The company has decided that this section of the channel needs to be piped to mitigate bank slope concerns. The company is planning additional future piping projects within their system, but needs to address this section immediately. They are looking to install about 700 feet of 48-inch pipe. Right now, the cost estimate is \$435,000 to install the pipe. They are asking the Board for 85% of the project cost of \$370,000, and that would leave \$65,000 for them to come up with this part. Staff recommends the Board authorize and commit 85% of the project cost, up to \$370,000, and that the project be purchased at 0% interest over 25 years with annual payments of approximately \$14,800.

CHARLES HOLMGREN moved that the Board authorize and commit 85% of the project cost, up to \$370,000, and that the project be purchased at 0% interest over 25 years with annual payments of approximately \$14,800. RANDY CROZIER seconded the motion. All voted in favor and the motion passed.

The new Director of the Department of Natural Resources, JOEL FERRY introduced himself and addressed the group.

ASSISTANT DIRECTOR SHALAINE DEBERNARDI Utah is one of the driest states in the nation and the fastest growing. Drinking water sources are limited, in addition potential climate change impacts and the current multi-year drought in Utah threatened 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 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. Technology has improved over the last decade and allows for the metering of untreated secondary water. Use of water cannot not be measured without metering. 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 to 30% reduction in use. Secondary metering combined with conservation and education protects the water supplies and allows drinking water providers to plan for their future growth. House Bill 242 states that a secondary water supplier shall install and maintain a meter of the use of pressurized

secondary water by each user receiving secondary water service from that supplier by January 1, 2030. The legislature provided \$250 million dollars to the Board of Water Resources to help providers meet that requirement. The Board may issue grants up to 70% of the project cost, but are limited to 5 million dollars for providers with 7,000 secondary connections or less and 10 million dollars for providers with more than 7,000 connections. These funds must be contracted by the end of 2024 and spent by the end of 2026. If the Board provides grant funds for a project, the secondary water supplier must submit or update a water conservation plan for its service area and obtain approval of that plan from the Division of Water Resources staff. In addition, meters purchased with grant money shall allow for data communication between the meter and other devices designed to manage use of secondary water and the secondary water supplier must agree to provide an educational component to each end user, in either a monthly water user statement or a customer specific internet portal. This education component must promote water conservation and provide information on the customer's secondary water usage. We will be presenting these today by Board member area.

BOARD MEETING SESSION 1
BEAR RIVER DISTRICT
REPRESENTED BY CHARLES HOLMGREN

RUSSELL HADLEY presented.

<u>Proj. No.</u>	<u>Applicant</u>	<u>County</u>	<u>Proj. Manager</u>
RM008	Hyrum City	Cache	Ann Baynard
RM010	Richmond Irrigation & Power Co	Cache	Tom Cox
RM015	North Park Irrigation Co	Cache	Jaqueline Pacheco
RM021	Smithfield City	Cache	Grant Doty
RM024	Johnson Park Pipeline Co	Cache	Ann Baynard
RM025	Green Belt Irrigation Co	Cache	Ann Baynard
RM030	North Logan Sprinkling Co	Cache	Ben Marett
RM044	Newton Water Users Association	Cache	Russell Hadley
RM045	Newton Town Sprinkling Co	Cache	Russell Hadley
RM054	Smithfield Irrigation Co	Cache	Tom Cox
RM063	Center Hyde Park Pipeline	Cache	Grant Doty
RM064	Paradise Irrigation & Reservoir Co	Cache	Russell Hadley

RM066 17th North Water Users

Cache

Ben Maret

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM008	Hyrum City	2,300	\$7,220,000	345
RM010	Richmond Irr & Power	512	\$2,376,000	0
RM015	North Park Irr Co	73	\$225,000	18
RM021	Smithfield City	140	\$410,000	6
RM024	Johnson Park Pipeline Co	76	\$164,000	0
RM025	Green Belt Irrigation Co	92	\$72,000	17
RM030	North Logan Sprinkling Co	85	\$240,000	60
RM044	Newton Water Users Assoc	100	\$360,000	20
RM045	Newton Town Sprinkling Co	150	\$515,000	30
RM054	Smithfield Irr Co	1,050	\$4,000,000	0
RM063	Center Hyde Park Pipeline	37	\$130,000	1.5
RM064	Paradise Irrigation Co	440	\$2,725,000	380
RM066	17th North Water Users	60	\$390,000	30

Staff Recommendations

RM008 - Hyrum City

- Authorize and commit 69.5% of the project cost, up to \$5,000,000, as a secondary meter grant.

RM010 - Richmond Irrigation & Power Company

- Authorize and commit 70% of the project cost, up to \$1,663,000, as a secondary meter grant.
- Authorize 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.

RM015 - North Park Irrigation Company

- Authorize 70% of the project cost, up to \$157,500, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$57,500, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$4,200.

RM021 - Smithfield City

- Authorize and commit 70% of the project cost, up to \$287,000, as a secondary meter grant.

RM024 - Johnson Park Pipeline Company

- Authorize 70% of the project cost, up to \$114,800, as a secondary meter grant.

RM025 - Green Belt Irrigation Company

- Authorize 70% of the project cost, up to \$50,400, as a secondary meter grant.

RM030 - North Logan Sprinkling Company

- Authorize 70% of the project cost, up to \$168,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$61,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$4,400.

RM044 - Newton Water Users Association

- Authorize and commit 70% of the project cost, up to \$252,000, as a secondary meter grant.
- Authorize 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.

RM045 - Newton Town Sprinkling Company

- Authorize and commit 70% of the project cost, up to \$360,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$132,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$9,600.

RM054 - Smithfield Irrigation Company

- Authorize and commit 70% of the project cost, up to \$2,800,000, as a secondary meter grant.
- Authorize 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.

RM063 - Center Hyde Park Water Pipeline Company

- Authorize and commit 70% of the project cost, up to \$91,000, as a secondary meter grant.

RM064 - Paradise Irrigation & Reservoir Company

- Authorize and commit 70% of the project cost, up to \$1,908,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$695,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$50,200.

RM066 - 17th North Water Users

- Authorize and commit 70% of the project cost, up to \$273,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$99,500, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$7,200.

CHARLES HOLMGREN I move that the Board authorize and commit secondary meter grants for Hyrum City, Richmond Irrigation and Power Company, Smithfield City, Newton Water Users Association, Newton Town Sprinkling Company, Smithfield Irrigation Company, Center Hyde Park Water Pipeline Company, Paradise Irrigation and Reservoir Company, and for 17th North Water Users Company according to staff's recommendations. NORM JOHNSON SECONDED the motion. All were in favor and the motion passed

CHARLES HOLMGREN I motion for the Board to authorize secondary metering grants for North Park Irrigation Company, Johnson Park Pipeline Company, Greenbelt Irrigation Company, and for North Logan Sprinkling Company, according to staff's recommendations and the details listed in the agreements. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

CHARLES HOLMGREN I will make a motion that the Board authorize secondary meter loans for Richmond Irrigation and Power Company, North Park Irrigation Company, North Logan Sprinkling Company, Newton Water Users Association, Newton Town Sprinkling Company, Smithfield Irrigation Company, Paradise Irrigation and Reservoir Company, and for 17th North Water Users according to the staff recommendations. WAYNE ANDERSEN seconded the motion. All were in favor and the motion passed.

WEBER RIVER BASIN

REPRESENTED BY CHAIR KYLE STEPHENS

Presented by TOM COX & BEN MARETT

Proj. No.	Applicant	County	Proj. Manager
RM003	Davis & Weber Counties Canal Co	Davis	Tom Cox
RM005	Weber Basin Water Conservancy Dist	Weber/Davis	Grant Doty
RM006	Roy Water Conservancy Dist	Weber	Russell Hadley
RM007	Bountiful Irrigation Dist	Davis	Tom Cox
RM009	South Weber Water Improvement Dist	Weber	Tom Cox
RM011	Layton City	Davis	Jaqueline Pacheco
RM012	Hights Creek Irrigation Co	Davis	Tom Cox
RM019	Weber-Box Elder Conservation Dist	Weber	Russell Hadley
RM020	Ogden Conservation Dist-	Weber	Russell Hadley
RM022	South Davis Water Dist	Davis	Ben Marett
RM029	Syracuse City	Davis	Ann Baynard
RM033	Mountain View Irrigation Inc.	Weber	Jaqueline Pacheco
RM040	Coalville City	Summit	Russell Hadley

RM041	Liberty Irrigation Assoc	Weber	Grant Doty
RM042	Hooper Irrigation Co	Davis	Russell Hadley
RM052	South Weber Irrigation Co	Davis	Marisa Egbert
RM055	North Summit Pressurized Irrigation Co	Summit	Tom Cox
RM056	Centerville Deuel Creek Irrigation Co	Davis	Ben Marett
RM061	Fruit Heights City	Davis	Grant Doty
RM065	Benchland Water Dist	Davis	Ben Marett
RM067	Wolf Creek Irrigation Co	Weber	Ben Marett

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM003	Davis & Weber CCC	5,260	\$14,286,000	1,105
RM005	Weber Basin WCD	6,900	\$14,300,000	3,780
RM006	Roy Water Cons Dist	6,000	\$14,286,000	1,200
RM007	Bountiful Irr Dist	6,400	\$14,286,000	2,400
RM009	South Weber WID	1,034	\$3,660,000	560
RM011	Layton City	2,380	\$7,140,000	725
RM012	Haight Creek Irr Co	3,000	\$7,143,000	858
RM019	Weber-Box Elder CD	3,320	\$14,286,000	2,380
RM020	South Ogden CD	3,425	\$14,286,000	1,265
RM022	South Davis Water Dist	2,063	\$5,164,000	630
RM029	Syracuse City	8,879	\$16,400,000	7,990
RM033	Mountain View Irr Co	1,397	\$2,913,000	349
RM040	Coalville City	425	\$1,300,000	712
RM041	Liberty Irr Assoc	231	\$800,000	115
RM042	Hooper Irr Co	1,010	\$3,130,000	852
RM052	South Weber Irr Co	412	\$1,334,000	103
RM055	North Summit Press	220	\$834,000	110
RM056	Centerville Deuel Ck	2,305	\$8,617,000	835
RM061	Fruit Heights City	56	\$280,000	20

RM065	Benchland Water Dist	1,900	\$7,870,000	1,500
RM067	Wolf Creek Irr Co	170	\$520,000	102

Staff Recommendations

RM003 - Davis & Weber Counties Canal Company

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize and commit 25.5% of the project cost, up to \$3,643,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$262,800.

RM005 - Weber Basin Water Conservancy District

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.

RM006 - Roy Water Conservancy District

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$3,643,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$283,000 (including reserves).

RM007 - Bountiful Irrigation District

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$3,643,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$283,000 (including reserves).

RM009 - South Weber Water Improvement District

- Authorize and commit 70% of the project cost, up to \$2,562,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$933,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$73,000 (including reserves).

RM011 - Layton City

- Authorize and commit 70% of the project cost, up to \$5,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$1,821,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$141,000 (including reserves).

RM012 - Hights Creek Irrigation Company

- Authorize and commit 70% of the project cost, up to \$5,000,000, as a secondary meter grant.

- Authorize 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.

RM019 - Weber-Box Elder Conservation District

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$3,643,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$283,000 (including reserves).

RM020 - South Ogden Conservation District

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$3,643,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$283,000 (including reserves).

RM022 - South Davis Water District

- Authorize and commit 70% of the project cost, up to \$3,615,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$1,317,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$102,000 (including reserves).

RM029 - Syracuse City

- Authorize and commit 61% of the project cost, up to \$10,000,000, as a secondary meter grant.

RM033 - Mountain View Irrigation Inc.

- Authorize and commit 70% of the project cost, up to \$2,039,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$743,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$53,600.

RM040 - Coalville City

- Authorize and commit 70% of the project cost, up to \$910,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$332,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$26,000 (including reserves).

RM041 - Liberty Irrigation Association

- Authorize and commit 70% of the project cost, up to \$560,000, as a secondary meter grant.

RM042 - Hooper Irrigation Company

- Authorize and commit 70% of the project cost, up to \$2,191,000, as a secondary meter grant.

- Authorize 25.5% of the project cost, up to \$798,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$57,600.

RM052 - South Weber Irrigation Company

- Authorize and commit 70% of the project cost, up to \$934,000, as a secondary meter grant.

RM055 - North Summit Pressurized Irrigation Company, Inc.

- Authorize and commit 70% of the project cost, up to \$584,000, as a secondary meter grant.
- Authorize 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.

RM056 - Centerville Deuel Creek Irrigation Company

- Authorize and commit 58% of the project cost, up to \$5,000,000, as a secondary meter grant.
- Authorize 35.7% of the project cost, up to \$3,075,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$221,800.

RM061 - Fruit Heights City

- Authorize and commit 70% of the project cost, up to \$196,000, as a secondary meter grant.

RM065 - Benchland Water District

- Authorize and commit 63.6% of the project cost, up to \$5,000,000, as a secondary meter grant.
- Authorize 31% of the project cost, up to \$2,440,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$189,000 (including reserves).

RM067 - Wolf Creek Irrigation Company

- Authorize and commit 70% of the project cost, up to \$364,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$132,600, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$9,600.

BLAINE IPSON I move that the Board authorize and commit secondary meter grants for Davis & Weber Counties Canal Company, Weber Basin Water Conservancy District, Roy Water Conservancy District, Bountiful Irrigation District, South Weber Water Improvement District, Layton City, Hights Creek Irrigation Company, Weber-Box Elder Conservation District, South Ogden Conservation District, South Davis Water District, Syracuse City, Mountain View Irrigation Inc, Coalville City, Liberty Irrigation Association, Hooper Irrigation Company, South Weber Irrigation Company, North Summit Pressurized Irrigation Company, Centerville Deuel Creek Irrigation Company, Fruit Heights City, Benchland Water District and Wolf Creek Irrigation Company according to staff's recommendations. NORM JOHNSON seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize and commit the secondary meter loan for Davis & Weber Counties Canal Company according to staff's recommendation. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize secondary meter loans to Roy Water Conservancy District, Bountiful Irrigation District, South Weber Water Improvement District, Layton City, Hights Creek Irrigation Company, Weber-Box Elder Conservation District, South Ogden Conservation District, South Davis Water District, Mountain View Irrigation Company, Coalville City, Hooper Irrigation Company, North Summit Pressurized Irrigation Company, Centerville Deuel Creek Irrigation Company, Benchland Water District, and Wolf Creek Irrigation Company according to staff's recommendations. JIM LEMMON seconded the motion. All were in favor and the motion passed.

CHAIR KYLE STEPHENS we will recess until the next session at 1:30 pm.

BOARD MEETING SESSION 2 - 1:30 PM

SEVIER RIVER DISTRICT

REPRESENTED BY BLAINE IPSON

Presented by MARISA EGBERT

Proj. No.	Applicant	County	Proj. Manager
RM026	Town of Annabella	Sevier	Jaqueline Pacheco
RM028	Gunnison City	Sanpete	Jaqueline Pacheco
RM032	Horseshoe Irrigation Co	Sanpete	Jaqueline Pacheco
RM034	Manti City Creek Water Users Mut Assoc.	Sanpete	Marisa Egbert
RM035	Centerfield City	Sanpete	Ben Marett
RM036	Mayfield Irrigation Co	Sanpete	Marisa Egbert
RM047	Fountain Green Irrigation Co	Sanpete	Ben Marett
RM050	Willow Creek Irrigation Co	Sanpete	Grant Doty
RM057	Birch Creek Irrigation Co	Sanpete	Grant Doty
RM059	Moroni City	Sanpete	Ben Marett
RM075	Loa Town	Wayne	Marisa Egbert

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM026	Town of Annabella	224	\$678,000	65
RM028	Gunnison City	850	\$4,040,000	350
RM032	Horseshoe Irrigation Co	493	\$1,014,000	542
RM034	Manti City Creek WUMA	1,100	\$3,747,000	550
RM035	Centerfield City	480	\$1,574,000	240
RM036	Mayfield Irr Co	270	\$994,000	100
RM047	Fountain Green Irr Co	250	\$1,188,000	125
RM050	Willow Creek Irr Co	115	\$390,000	35
RM057	Birch Creek Irr Co	60	\$386,000	48
RM059	Moroni City	500	\$949,000	100
RM075	Loa Town & Waterworks	129	\$380,000	80

Staff Recommendations

RM026 – Town of Annabella

- Authorize and commit 70% of the project cost, up to \$475,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$113,000, as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$9,000 (including reserves).

RM028 - Gunnison City

- Authorize and commit 70% of the project cost, up to \$2,828,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$1,030,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$80,000 (including reserves).

RM032 - Horseshoe Irrigation Company

- Authorize and commit 70% of the project cost, up to \$710,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$259,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$18,700.

RM034 - Manti City Creek Water Users Mutual Association

- Authorize and commit 70% of the project cost, up to \$2,623,000, as a secondary meter grant.

- Authorize 25.5% of the project cost, up to \$956,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$69,000.

RM035 - Centerfield City

- Authorize and commit 70% of the project cost, up to \$1,102,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$402,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$31,000 (including reserves).

RM036 - Mayfield Irrigation Company

- Authorize and commit 70% of the project cost, up to \$696,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$253,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$18,300.

RM047 - Fountain Green Irrigation Company Reincorporated

- Authorize and commit 70% of the project cost, up to \$832,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$303,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$21,900.

RM050 - Willow Creek Irrigation Company

- Authorize and commit 70% of the project cost, up to \$273,000, as a secondary meter grant.

RM057 - Birch Creek Irrigation Company

- Authorize and commit 70% of the project cost, up to \$270,000, as a secondary meter grant.

RM059 - Moroni City

- Authorize and commit 70% of the project cost, up to \$949,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$346,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$27,000 (including reserves).

RM075 - Loa Town

- Authorize and commit 70% of the project cost, up to \$266,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$97,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$8,000 (including reserves).

BLAINE IPSON I move that the Board authorize and commit secondary water meter grants for the Town of Annabella, Gunnison City, Horseshoe Irrigation Company, Manti City Creek Water Users Mutual Association, Centerfield City, Mayfield Irrigation Company, Fountain Green Irrigation Company Reincorporated, Willow Creek Irrigation Company, Birch Creek Irrigation Company, Moroni City and Loa

Town according to the staff's recommendations. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

BLAINE IPSON I move that the Board authorize secondary meter loans for Town of Annabella, Gunnison City, Horseshoe Irrigation Company, Manti City Creek Water Users Mutual Association, Centerfield City, Mayfield Irrigation Company, Fountain Green Irrigation Company, Moroni City and Loa Town according to the staff's recommendations. WAYNE ANDERSEN seconded the motion. The Board voted and all were in favor and the motion passed.

PROVO RIVER DISTRICT

REPRESENTED BY WAYNE ANDERSEN

Presented by JAQUELINE PACHECO

Proj. No.	Applicant	County	Proj. Manager
RM001	Lehi City	Utah	Tom Cox
RM002	American Fork City	Utah	Ben Marett
RM004	City of Cedar Hills	Utah	Marisa Egbert
RM016	City of Highland	Utah	Grant Doty
RM031	Upper East Union Irrigation Co	Utah	Ann Baynard
RM038	Heber City	Wasatch	Jaqueline Pacheco
RM039	Lindon City	Utah	Grant Doty
RM043	Pleasant Grove City	Utah	Jaqueline Pacheco
RM060	Timpanogos Canal Co	Utah	Grant Doty
RM062	Nephi Irrigation Co	Juab	Jaqueline Pacheco

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM001	Lehi City	5,700	\$14,286,000	1,368
RM002	American Fork City	7,300	\$10,870,000	2,880
RM004	City of Cedar Hills	2,070	\$2,172,000	630
RM016	City of Highland	4,500	\$9,800,000	3,750
RM031	Upper East Union Irr Co	32	\$300,000	283.5

RM038	Heber City	2,945	\$7,800,000	1,130
RM039	Lindon City	2,616	\$3,204,000	806
RM043	Pleasant Grove City	7,480	\$15,000,000	1,720
RM060	Timpanogos Canal Co	43	\$410,000	189
RM062	Nephi Irrigation Co	675	\$1,370,000	945

Staff Recommendations

RM001-Lehi City

- Authorize and commit 70% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$3,643,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$283,000 (including reserves).

RM002 - American Fork City

- Authorize and commit 60.4% of the project cost, up to \$6,559,000, as a secondary meter grant.

RM004 - City of Cedar Hills

- Authorize and commit 70% of the project cost, up to \$1,520,000, as a secondary meter grant.

RM016 - City of Highland

- Authorize and commit 51% of the project cost, up to \$5,000,000, as a secondary meter grant.

RM031 - Upper East Union Irrigation Company

- Authorize and commit 70% of the project cost, up to \$210,000, as a secondary meter grant.

RM038 - Heber City

- Authorize and commit 64.1% of the project cost, up to \$5,000,000, as a secondary meter grant.
- Authorize 25.6% of the project cost, up to \$1,997,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$155,000 (including reserves).

RM039 - Lindon City

- Authorize and commit 23.7% of the project cost, up to \$758,000, as a secondary meter grant.

RM043 - Pleasant Grove City

- Authorize and commit 66.7% of the project cost, up to \$10,000,000, as a secondary meter grant.
- Authorize 28.3% of the project cost, up to \$4,250,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$330,000 (including reserves).

RM060 - Timpanogos Canal Company

- Authorize and commit 70% of the project cost, up to \$287,000, as a secondary meter grant.

RM062 - Nephi Irrigation Company

- Authorize 70% of the project cost, up to \$959,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$350,000, and that the project be purchased at 1% interest over 15 years with annual payments of approximately \$25,300.

WAYNE ANDERSEN I move that the Board authorize and commit secondary water meter grants for Lehi City, American Fork City, City of Cedar Hills, City of Highland, Upper East Union Irrigation Company, Heber City, Lindon City, Pleasant Grove City, Timpanogos Canal Company according to the staff's recommendations. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

WAYNE ANDERSEN I move that the Board authorize the secondary meter grant for Nephi Irrigation Company according to the staff's recommendations. RANDY CROZIER seconded the motion. The Board voted and all were in favor and the motion passed.

WAYNE ANDERSEN I move that the Board authorize secondary meter loans for Lehi City, Heber City, Pleasant Grove City, and Nephi Irrigation Company according to the staff's recommendations. BLAINE IPSOON seconded the motion. The Board voted and all were in favor and the motion passed.

The session concluded at 2:13 and will recess until 3:30 pm.

BOARD MEETING SESSION 3 - 3:30 PM

LOWER COLORADO RIVER DISTRICT

REPRESENTED BY JIM LEMMON

Presented by GRANT DOTY

Proj. No. Applicant

County Proj.

Manager

RM046	Kanab Irrigation Co	Kane	Tom Cox
RM068	Springdale Consolidated Irrigation Co	Washington	Tom Cox
RM069	Leeds Water Co	Washington	Ann Baynard
RM073	Hurricane City	Washington	Marisa Egbert

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM046	Kanab Irrigation Co	290	\$636,000	100
RM068	Springdale Cons Irrigation Co	104	\$640,000	50
RM069	Leeds Water Co	122	\$520,000	
RM073	Hurricane City	1,460	\$2,810,000	400

Staff Recommendations

RM046 - Kanab Irrigation Company

- Authorize and commit 70% of the project cost, up to \$445,000, as a secondary meter grant.
- Authorize 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.

RM068 - Springdale Consolidated Irrigation Company

- Authorize and commit 65.2% of the project cost, up to \$417,000, as a secondary meter grant.
- Authorize 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.

RM069 - Leeds Water Company

- Authorize and commit 70% of the project cost, up to \$280,000, as a secondary meter grant.

RM072 - Hurricane City

- Authorize and commit 70% of the project cost, up to \$1,967,000, as a secondary meter grant.
- Authorize 25% of the project cost, up to \$703,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$55,000 (including reserves).

JIM LEMMON moved that the Board authorize and commit secondary water meter grants for Kanab Irrigation Company, Springdale Consolidated Irrigation Company, Leeds Water Company, and Hurricane

City according to the staff's recommendations. RANDY CROZIER seconded the motion. All were in favor and the motion passed.

JIM LEMMON I move that the Board authorize secondary meter loans for Kanab Irrigation Company, Springdale Consolidated Irrigation Company, and Hurricane City according to the staff's recommendations. BLAINE IPSON seconded the motion. The Board voted and all were in favor and the motion passed.

UPPER COLORADO RIVER DISTRICT
REPRESENTED BY NORM JOHNSON

Presented by GRANT DOTY

Proj. No.	Applicant	County	Proj. Manager
RM027	Castle Valley Special Service Dist	Emery	Grant Doty
RM058	Wellington City	Carbon	Jaqueline Pacheco

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM027	Castle Valley SSD	2,905	\$8,820,000	900
RM058	Wellington	810	\$1,897,000	150

Staff Recommendations

RM027 - Castle Valley Special Service District

- Authorize and commit 56.7% of the project cost, up to \$5,000,000, as a secondary meter grant.

RM058 - Wellington City

- Authorize and commit 70% of the project cost, up to \$1,328,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$484,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$38,000 (including reserves).

NORM JOHNSON I move that the Board authorize and commit secondary meter grants for Castle Valley Special Service District and Wellington City according to the staff's recommendations. RANDY CROZIER seconded the motion. The Board voted and all were in favor and the motion passed.

NORM JOHNSON I move that the Board authorize the secondary meter loan for Wellington City according to the staff's recommendation. JIM LEMMON seconded the motion. The Board voted and all were in favor and the motion passed.

SALT LAKE & TOOELE COUNTIES

REPRESENTED BY VICE CHAIR JULIETTE TENNERT

Presented by ANN BAYNARD

Proj. No.	Applicant	County	Proj. Manager
RM013	Browns Meadow Irrigation Assoc.	Salt Lake	Ann Baynard
RM017	South Despain Ditch Co	Salt Lake	Ann Baynard
RM018	North Dry Creek Irrigation Co	Salt Lake	Ann Baynard
RM023	Riverton City	Salt Lake	Russell Hadley
RM037	Settlement Canyon Irrigation Co	Tooele	Ann Baynard
RM049	Draper Irrigation Co	Salt Lake	Ann Baynard
RM051	Richards Irrigation Co	Salt Lake	Ben Marett
RM053	Bluffdale City	Salt Lake	Ben Marett
RM071	Classic Country Estates	Salt Lake	Marisa Egbert

PROJECT #	APPLICANT	# OF METERS	TOTAL COST EST.	CONSERVATION (ACRE-FT)
RM013	Browns Meadow Irr	140	\$270,000	417
RM017	South Despain Ditch Co	300	\$494,000	90
RM018	North Dry Creek Irr Co	101	\$241,000	95
RM023	Riverton City	6,738	\$12,580,000	2,510
RM037	Settlement Canyon Irr	300	\$700,000	unknown
RM049	Draper Irr Co	242	\$793,000	227.5

RM051	Richards Irr Co	370	\$568,000	620
RM053	City of Bluffdale	687	\$1,518,000	600
RM071	Classic Country Estates	42	\$50,000	13

Staff Recommendations

RM013 - Browns Meadow Irrigation Association

- Authorize and commit 70% of the project cost, up to \$189,000, as a secondary meter grant.

RM017 - South Despain Ditch Company

- Authorize and commit 70% of the project cost, up to \$345,800, as a secondary meter grant.

RM018 -The North Dry Creek Irrigation Company

- Authorize and commit 70% of the project cost, up to \$168,700, as a secondary meter grant.

RM023 - Riverton City

- Authorize and commit 70% of the project cost, up to \$8,806,000, as a secondary meter grant.

RM037 - Settlement Canyon Irrigation Company

- Authorize and commit 70% of the project cost, up to \$490,000, as a secondary meter grant.

RM049 - Draper Irrigation Company

- Authorize and commit 70% of the project cost, up to \$555,000, as a secondary meter grant.

RM051 - Richards Irrigation Company

- Authorize and commit 70% of the project cost, up to \$398,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$145,000, and that the project be purchased at 1% over 15 years with annual payments of approximately \$10,500.

RM053 - City of Bluffdale

- Authorize and commit 70% of the project cost, up to \$1,063,000, as a secondary meter grant.
- Authorize 25.5% of the project cost, up to \$387,000 as a loan, and that the bonded indebtedness be returned at 1% interest over 15 years with annual payments of approximately \$30,000 (including reserves).

RM071 - Country Classic Estates HOA

- Authorize 70% of the project cost, up to \$35,000, as a secondary meter grant.

Public Comment: CURTIS MCARTHY with Country Classic Estates HOA informed the Board that they are withdrawing their application.

JULIETTE TENNERT I move that the Board authorize and commit secondary meter grants for Browns Meadow Irrigation Association, South Despain Ditch Company, The North Dry Creek Irrigation Company, Riverton City, Settlement Canyon Irrigation Company, Draper Irrigation Company, Richards Irrigation Company, and the City of Bluffdale according to the staff's recommendations. WAYNE ANDERSEN seconded the motion. The Board voted and all were in favor and the motion passed.

JULIETTE TENNERT I move that the Board authorize secondary meter loans for Richards Irrigation Company and the City of Bluffdale according to the staff's recommendation. JIM LEMMON seconded the motion. The Board voted and all were in favor and the motion passed.

CHAIR KYLE STEPHENS thanked the staff and everyone involved with the process of organizing the Board Meeting today.

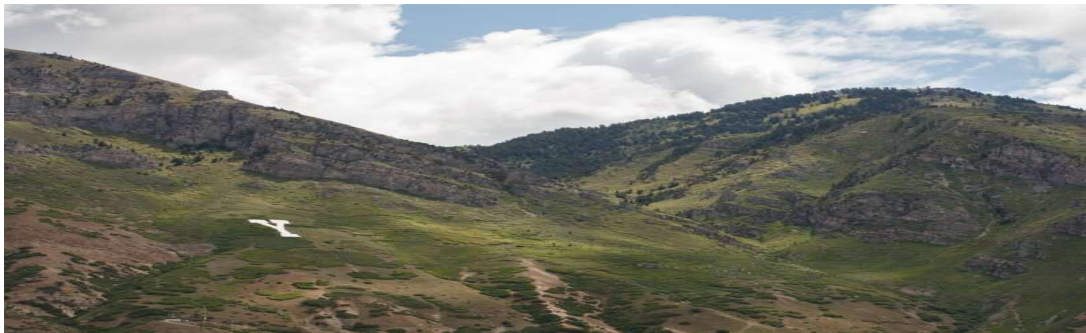
DIRECTORS REPORT

DIRECTOR CANDICE HASENYAGER It's an historic day. Before the Board today a total of \$285,000,000 has come and I want to highlight that. There are some federal funds for water smart grants and water conservancy district loans that came in over \$5,000,000 and then the local cost share at \$39,000,000. That part is important to recognize as well. I want to recognize the effort everyone is putting in and just super impressed with how fast everyone got their applications in and in such a tight time. With the total we ended up with is about 114,218 meters are estimated to be installed with this amount of funds, the estimated conservation savings is about 54,000 feet. That is about the size of East Canyon or Sand Hollow. That is a significant water savings. It is about using our current supply as wisely as possible, especially since this drought period. We know the work is not completed yet and there is still a lot of effort that needs to take place. Moreover, the real work will be to get those meters in the ground. It has just been a historic day and super exciting. We were able to do this appropriation and work as quickly as possible to get funds into the hands of the locals so they can start using the money.

This our 75th anniversary year and for the Board of Water Resources, what a way to celebrate by getting \$250,000,000 appropriated and being able to do such good work. Over the last 75 years, I had a statistic that was 1,500 projects have been funded and now we can check off a couple more. I just want to thank the Board and thank all of my staff and all the work that went into making the Board Meeting possible. Thank you to the project applicants for being here and all the work you guys have put into at this point as well.

CHAIR KYLE STEPHENS thanked the Board members for their time and effort and motioned to adjourn.

ADJOURNED at 4:11 pm.



SEPTEMBER 2022