

Roy Water Conservancy District

5440 South Freeway Park Drive
Riverdale, UT 84405

AGENDA

Monthly Board of Trustees' Meeting
November 17, 2021
5:00 P.M.

- 5:00 p.m.
- | | |
|---|-------------|
| I. CALL TO ORDER | Chair Zito |
| II. PLEDGE OF ALLEGIANCE | Gary Newman |
| III. APPROVAL OF MINUTES | MOTION |
| IV. BUSINESS | |
| A. Consideration of 2022 Tentative Budget | MOTION |
| B. Consideration of Public Hearing Date for 2022 Budget – December 8, 2021, at 6:00 p.m. | MOTION |
| C. Consideration of 2021 Water Conservation Plan | MOTION |
| D. Consideration of Voting Davis and Weber Counties Canal Company Stock at Annual D&WCCC Stockholders Meeting | MOTION |
| E. Public Comments | |
| V. REPORTS FROM MANAGER AND TRUSTEES | |
| A. Report of UASD Annual · November 3-5, 2021 | |
| B. Report of NWRA Annual · November 8-10, 2021 | |
| C. Manager & Trustees Reports | |
| D. Review of Monthly Bank Statements and Cancelled Checks | Mark Ohlin |
| VI. APPROVAL OF FINANCIAL REPORTS | |
| A. Monthly Financial Report | MOTION |
| VII. APPROVAL OF CHECKS | MOTION |
| VIII. ADJOURNMENT | MOTION |

FINANCIAL REPORT
• NOVEMBER 2021 •

GENERAL FUND

PREVIOUS MONTH	<u>2021</u>	<u>2020</u>	<u>2019</u>
Balance as of October 1	\$ 178,751.78	\$ 159,567.99	\$ 95,823.22
Deposits	\$ 526,520.65	\$ 468,430.56	\$ 541,100.39
Interest on checking	\$ 74.34	\$ 153.29	\$ 595.78
Withdrawals	\$ 497,191.24	\$ 104,729.51	\$ 544,142.41
Balance	\$ 208,155.53	\$ 523,422.33	\$ 93,376.98
TO DATE			
Balance as of November 1	\$ 208,155.53	\$ 523,422.33	\$ 93,376.98
Deposits	\$ 122,881.33	\$ 82,659.23	\$ 413,274.27
Withdrawals	\$ 132,242.26	\$ 84,509.28	\$ 372,637.79
Balance	\$ 198,794.60	\$ 521,572.28	\$ 134,013.46

CAPITAL FACILITIES FUND

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Balance as of October 1	\$ 121,688.22	\$ 259,881.07	\$ 255,234.84
Deposits	\$ -	\$ -	\$ -
Interest on checking	\$ 30.14	\$ 120.47	\$ 570.89
Withdrawals	\$ -	\$ -	\$ -
Balance	\$ 121,718.36	\$ 260,001.54	\$ 255,805.73
TO DATE			
Balance as of November 1	\$ 121,718.36	\$ 260,001.54	\$ 255,805.73
Deposits	\$ -	\$ -	\$ -
Withdrawals	\$ -	\$ -	\$ -
Balance	\$ 121,718.36	\$ 260,001.54	\$ 255,805.73

WEBER BASIN FUND

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Balance as of November 1	\$ 385,676.77	\$ 301,174.87	\$ 212,045.70

CONNECTIONS

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Connections made during the previous month (October)	0	2	0
Total connections made during the current year	26	113	120
Total active connections	10,796	10,768	10,654

SHARES

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Shares of D&WCCC Water Stock to date:	1,512.5	1,512.5	1,511.0
Shares of D&WCCC Water Stock leased to date:	144.0	144.0	144.0
Shares of Wilson Irrigation Stock to date:	21.0	20.5	20.5

UTAH PUBLIC TREASURER'S INVESTMENT FUND

· OPERATIONS & MAINTENANCE ACCOUNT ·		<u>RATE</u>	<u>DATE</u>
Balance as of October 1	\$ 3,564,150.39	0.3313%	Ongoing-Flexible
Deposits (by Weber County)	\$ 16,383.95		
Interest	\$ 933.45		
Withdrawals (by wire)	\$ 500,000.00		
Balance	\$ 3,081,467.79		
· CAPITAL FACILITIES ACCOUNT ·		<u>RATE</u>	<u>DATE</u>
Balance	\$ 1,367.14	0.3274%	Ongoing-Flexible

1:54 PM
11/17/21

ROY WATER CONSERVANCY DISTRICT

O&M Checks

November 17, 2021

Nov 17, 21	19283	Chad Zito	-\$330.42
	19284	Darl R. Field	-\$330.42
	19285	Gary L. Newman	-\$330.42
	19286	Jay L. Cottle	-\$330.42
	19287	Mark W. Ohlin	-\$330.42
	19288	Ace Recycling & Disposal	-\$121.23
	19289	Adams & Petersen CPA's	-\$936.00
	19290	Blue Stakes of Utah	-\$659.70
	19291	Clear Link IT, LLC	-\$1,479.00
	19292	Comcast	-\$564.32
	19293	Core & Main LP	-\$550.59
	19294	Dominion Energy	-\$100.14
	19295	Douglas P. Pierce	-\$1,500.00
	19296	Durk's Plumbing Supply, Inc.	-\$187.67
	19297	Eriks NA, Inc.	-\$15.67
	19298	Eriks NA, Inc.	-\$41.40
	19299	Ferguson Enterprises	-\$478.26
	19300	Fuel Network	-\$1,405.90
	19301	Herrick Industrial Supply Company	-\$30.82
	19302	Home Depot	-\$169.80
	19303	J. D. Young & Son Landscape	-\$2,053.00
	19304	Jan-Pro of Utah	-\$215.00
	19305	Linde Gas & Equipment, Inc.	-\$63.89
	19306	Mountainland Supply Company	-\$43,564.06
	19307	O'Reilly Automotive	-\$14.34
	19308	Opticare Vision Services	-\$96.30
	19309	PEHP Group Insurance	-\$11,795.40
	19310	PEHP LTD Program	-\$249.41
	19311	Riverdale City Corporation	-\$141.64
	19312	Rocky Mountain Power	-\$10.00
	19313	Rocky Mountain Power	-\$30.90
	19314	Rocky Mountain Power	-\$13.53
	19315	Sam's Club	-\$219.97
	19316	Utah Local Governments Trust	-\$17,089.76
	19317	Verizon Wireless (V)	-\$407.46
	19318	Wasatch Civil Engineering	-\$1,095.56
	19319	Watts Steam Store Utah, Inc.	-\$162.20
	19320	Weber Basin Water Cons. District (V)	-\$41,378.00
	19321	Utah State Tax Commission	-\$2,554.00
	19322	Rodney D. Banks	-\$81.00
	19323	Rodney D. Banks	-\$372.00
	19324	Jay L. Cottle	-\$107.48
	19325	Gary L. Newman	-\$111.24
	19326	Mark W. Ohlin	-\$160.24
	19327	Chad Zito	-\$107.36
	19328	Darl R. Field	-\$124.12
	19329	AFLAC	-\$131.80
	TOTAL		-\$132,242.26

MEMORANDUM

TO: Board of Trustees

FROM: Rodney Banks, Manager

DATE: November 12, 2021

SUBJECT: **IV.A. Consideration of 2022 Tentative Budget**

The attached tentative budget is for the trustees to review and make any suggestions or comments in this board meeting. There are no changes between the draft budget from October's board meeting and this tentative budget.

A suggested motion would be, "I move that we approve the 2022 Tentative Budget."

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
<u>O & M REVENUE</u>				
<u>TAXES COLLECTED BY WEBER COUNTY</u>				
3030	Ad Valorem Tax	\$127,500.00	-	\$127,500.00
3036	Registered Vehicle F.I.L.	\$13,500.00	-	\$13,500.00
3037	Delinquent Ad Valorem Tax	\$2,500.00	-	\$2,500.00
Total:		\$143,500.00	\$0.00	\$143,500.00

ASSESSMENTS & SPECIAL ASSESSMENT

3034	Delinquent Assessments	\$30,000.00	-	\$30,000.00
3035	Direct Charges/Assessments	\$2,285,000.00	-	\$2,285,000.00
3040	Non-Taxable Entity Assessments	\$65,000.00	-	\$65,000.00
3045	Homeowners 1 Yr Only Assmnt.	\$1,000.00	-	\$1,000.00
3050	Homeowners Yearly Assessments	\$5,000.00	-	\$5,000.00
Total:		\$2,386,000.00	\$0.00	\$2,386,000.00

OTHER INCOME

3016	Cell Tower Leases	\$56,000.00	-	\$56,000.00
3020	Surplus Water Sales/Wheeling Ch	\$13,000.00	-	\$13,000.00
3028	Interest - Checking & Investments	\$20,000.00	-	\$20,000.00
3150	Misc. Income	\$1,000.00	-	\$1,000.00
3156-22	Sale of 2022 Vehicles	\$290,000.00	-	\$290,000.00
3158-21	Sale of 2021 CAT 938M	\$170,000.00	-	\$170,000.00
3601-21	WaterSmart Grant R21AP?????	\$75,000.00	-	\$75,000.00
3300	Weber Basin - West Haven System	\$0.00	\$230,000.00	\$230,000.00
3301	Weber Basin Administrative Fee	\$0.00	\$11,500.00	\$11,500.00
Total:		\$625,000.00	\$241,500.00	\$866,500.00

TOTAL ESTIMATED INCOME:		\$3,154,500.00	\$241,500.00	\$3,396,000.00
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O. & M. - GENERAL EXPENSE

TRAVEL EXPENSE & DIRECTORS FEES

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
4900	Trustees Fees & Extra Meetings	\$20,000.00	-	\$20,000.00
Total:		\$20,000.00	\$0.00	\$20,000.00

PROFESSIONAL & TECHNICAL SERVICES

4903	Scada	-	\$1,500.00	\$1,500.00
4906	Engineering (Includes Capital Facilities Plan Update)	\$50,000.00	\$2,500.00	\$52,500.00
4907	Audit/CPA	\$18,000.00	\$2,000.00	\$20,000.00
4908	Attorney	\$30,000.00	\$3,000.00	\$33,000.00
4909	Advertising, Publishing & Postage	\$30,000.00	\$1,000.00	\$31,000.00
4910	Other Professional Services	\$0.00	-	\$0.00
Total:		\$128,000.00	\$10,000.00	\$138,000.00

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
<u>INSURANCE</u>				
4911	Liability	\$36,000.00	\$2,000.00	\$38,000.00
4912	Workers Compensation	\$10,000.00	\$2,500.00	\$12,500.00
4913	Bonding	\$1,000.00	-	\$1,000.00
Total:		\$47,000.00	\$4,500.00	\$51,500.00

<u>ASSESSMENTS</u>				
5100	Roy City Water Rental	\$25,000.00	-	\$25,000.00
5101	D & W Water Assessment	\$379,000.00	-	\$379,000.00
5103	Other Water Rental	\$15,000.00	-	\$15,000.00
5105	Weber Basin Lease Contract	\$44,000.00	-	\$44,000.00
5106	Wilson Water Assessment	\$2,000.00	-	\$2,000.00
Total:		\$465,000.00	\$0.00	\$465,000.00

<u>ASSOCIATION DUES/WATER CONSERVATION & EDUCATION</u>				
5200	Utah Water Users Association	\$1,500.00	-	\$1,500.00
5201	Association Special Districts	\$3,000.00	-	\$3,000.00
5202	Water Education	\$1,000.00	-	\$1,000.00
5204	American Water Works	\$700.00	-	\$700.00
5205-1	Irrigation Caucus	\$400.00	-	\$400.00
5206-1	Water Conservation (Other)	\$500.00	-	\$500.00
Total:		\$7,100.00	\$0.00	\$7,100.00

<u>WORKSHOPS & TRAINING</u>				
5300	Director Workshops/Training	\$22,000.00	-	\$22,000.00
5301	Employee Workshops/Training	\$26,000.00	-	\$26,000.00
Total:		\$48,000.00	\$0.00	\$48,000.00

<u>SALARIES & BENEFITS</u>				
5302	Medicare	\$8,500.00	\$1,800.00	\$10,300.00
5303-0,6	Gross Wages	\$443,000.00	\$123,750.00	\$566,750.00
5303-1,4	Overtime	\$31,500.00	\$8,250.00	\$39,750.00
5303-5,7	Double Time	\$2,000.00	\$1,550.00	\$3,550.00
5303-10	Sick Leave Pay	\$29,000.00	-	\$29,000.00
5303-11	Annual Leave Pay	\$32,500.00	-	\$32,500.00
5303-12,15	Pager Time	\$9,500.00	\$6,250.00	\$15,750.00
5303-13	Compensation Time	\$1,750.00	-	\$1,750.00
5303-14	Holiday Pay	\$25,000.00	-	\$25,000.00
5304	FICA	\$37,500.00	\$7,250.00	\$44,750.00
5305	Federal Tax	\$0.00	-	\$0.00
5306	State Tax	\$0.00	-	\$0.00
5307	Retirement	\$82,000.00	\$17,000.00	\$99,000.00
5308	Health Insurance	\$120,000.00	\$23,000.00	\$143,000.00
5309	401K	\$26,000.00	\$5,250.00	\$31,250.00

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
5311	Unemployment Comp.	\$3,000.00	\$100.00	\$3,100.00
5312	Disability	\$3,000.00	\$500.00	\$3,500.00
	Total:	\$854,250.00	\$194,700.00	\$1,048,950.00

OFFICE EXPENSES

5315	General Office Expenses	\$20,000.00	-	\$20,000.00
5316	Office Travel Reimbursement	\$1,500.00	-	\$1,500.00
5317	Managers Expense	\$1,500.00	-	\$1,500.00
5318	Air Conditioning & Heating	\$2,000.00	-	\$2,000.00
5319	Computer Tech. Repair & Agrmnts	\$18,000.00	-	\$18,000.00
5321	Adjustments & Refunds	\$500.00	-	\$500.00
5323	Computer Hardware & Software	\$15,000.00	-	\$15,000.00
5324	Radio Maintenance	\$1,000.00	-	\$1,000.00
5325	Bldg Cleaning & Maint. Supplies	\$500.00	-	\$500.00
5326	Janitorial Services	\$3,000.00	-	\$3,000.00
5327	Office Improvements	\$5,000.00	-	\$5,000.00
5328	Conservation Study & Incentives	\$3,000.00	-	\$3,000.00
	Total:	\$71,000.00	\$0.00	\$71,000.00

UTILITIES

5401	Telephone	\$20,000.00	-	\$20,000.00
5402	Dominion Energy	\$4,500.00	-	\$4,500.00
5403	Rocky Mountain Power/Electrical	\$65,000.00	-	\$65,000.00
5404	Culinary Water (Riverdale)	\$2,500.00	-	\$2,500.00
5405	Trash	\$1,750.00	-	\$1,750.00
	Total:	\$93,750.00	\$0.00	\$93,750.00

SHOP - MOBILE, EQUIPMENT, SUPPLIES & EXPENSES

5501	Fuel	\$10,000.00	\$6,000.00	\$16,000.00
5502	Oil, Grease & Filters	\$1,250.00	-	\$1,250.00
5503	Tires	\$2,000.00	-	\$2,000.00
5504	Batteries	\$300.00	-	\$300.00
5505	Equipment Repair	\$5,000.00	-	\$5,000.00
5506	Equipment Tune-Up	\$750.00	-	\$750.00
5507	Truck Repair & Registration	\$1,500.00	-	\$1,500.00
5509	Portable Equipment	\$2,500.00	\$500.00	\$3,000.00
5510	Small Hand Tools - Shop	\$2,000.00	-	\$2,000.00
5511	Small Tools - Trucks	\$2,000.00	\$500.00	\$2,500.00
5512	Equipment Rental	\$1,000.00	\$500.00	\$1,500.00
5600	Oxygen, Acetylene & Welding Rod	\$1,000.00	\$500.00	\$1,500.00
5601	Rock & Road Base	\$3,000.00	\$500.00	\$3,500.00
5602	Concrete Products	\$200.00	\$200.00	\$400.00
5603	Nuts & Bolts	\$500.00	\$100.00	\$600.00

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
5604	Uniforms	\$2,000.00	-	\$2,000.00
5605	Safety Equipment	\$1,000.00	-	\$1,000.00
5606	Shop Clean & Maint. Supplies	\$1,000.00	-	\$1,000.00
5608	Building Maintenance (Shop)	\$2,000.00	-	\$2,000.00
5609	Shop Improvements	\$5,000.00	-	\$5,000.00
	Total:	\$44,000.00	\$8,800.00	\$52,800.00

UPKEEP OF GROUNDS

5700	Maintenance of Entire District Property (30 acres)	\$30,000.00	-	\$30,000.00
	Total:	\$30,000.00	\$0.00	\$30,000.00

STREET REPAIRS

5900	Asphalt	\$2,500.00	\$1,000.00	\$3,500.00
5901	Contractor	\$25,000.00	\$3,000.00	\$28,000.00
5902	Concrete	\$2,000.00	-	\$2,000.00
5903	Roy City Cut & Patch Fees	\$3,000.00	-	\$3,000.00
5904	Dispose Concrete & Asphalt	\$1,000.00	\$1,000.00	\$2,000.00
	Total:	\$33,500.00	\$5,000.00	\$38,500.00

PUMPHOUSE & RESERVOIR

6000	Reservoir & Pumphouse	\$50,000.00	-	\$50,000.00
6001	Inlet Screen Repairs	\$4,000.00	1,000.00	\$5,000.00
	Total:	\$54,000.00	\$1,000.00	\$55,000.00

PIPELINE MAINTENANCE & SUPPLIES

6100	Pipeline Maintenance & Supplies	\$25,000.00	\$2,500.00	\$27,500.00
6101	Welding of Pipeline	\$1,000.00	-	\$1,000.00
6102	Blue Stakes	\$5,500.00	\$3,500.00	\$9,000.00
	Total:	\$31,500.00	\$6,000.00	\$37,500.00

DEPRECIATION

6204	Depreciation	\$100,000.00	-	\$100,000.00
	Total:	\$100,000.00	\$0.00	\$100,000.00

O. & M. CAPITAL IMPROVEMENT EXPENSES

8219-22	Capital Improvement Plan #1 (2022) Replace Mainline Valves	\$40,000.00	-	\$40,000.00
8229-22	Capital Improvement Plan #2 (2022) Connect Unconnected Lots	\$48,000.00	-	\$48,000.00
8262-21	WaterSmart Grant R21AP00???	\$187,500.00	-	\$187,500.00
8279	Capital Improvement Plan #4 (2022) Secondary Water Line Replacement Project - 2600 West and 2625 West Between 5800 South and 5950 South	\$385,446.00	-	\$385,446.00
8280	Capital Improvement Plan #5 (2022) Secondary Water Line Replacement Project -1950 West Between 5100 South and 5200 South	\$102,787.00	-	\$102,787.00

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

	<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
8281 Capital Improvement Plan #6 (2022) Connect Existing Water Line - 4250 South and 2350 South and 6075 South and 2960 West	\$32,729.00	-	\$32,729.00
Total:	\$796,462.00	\$0.00	\$796,462.00

NEW ASSETS

8305-22 Truck Upgrades 2022	\$306,000.00	-	\$306,000.00
8326-22 2022 CAT 938M	\$185,000.00	-	\$185,000.00
8332 2022 Colorado	\$42,000.00	-	\$42,000.00
Total:	\$533,000.00	\$0.00	\$533,000.00

ADMINISTRATIVE ASSESSMENT

8500 Administrative Assessment Fee (5%)	-	\$11,500.00	\$11,500.00
Total:	\$0.00	\$11,500.00	\$11,500.00

TOTAL ESTIMATED EXPENSE:	\$3,356,562.00	\$241,500.00	\$3,598,062.00
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<u>TOTAL INCOME & EXPENSES</u>				
	ESTIMATED INCOME:	\$3,154,500.00	\$241,500.00	\$3,396,000.00
3700	APPROPRIATION FROM NET ASSETS	\$202,062.00	\$0.00	\$202,062.00
	TOTAL:	\$3,356,562.00	\$241,500.00	\$3,598,062.00
	ESTIMATED EXPENSE:	\$3,356,562.00	\$241,500.00	\$3,598,062.00

2022 TENTATIVE BUDGET

November 17, 2021
Board Meeting

		<u>Roy Water</u>	<u>West Haven System</u>	<u>Total</u>
<u>IMPACT FEE FUND</u>				
<u>CAPITAL FACILITIES INCOME</u>				
3027	Interest Income	\$1,500.00		
3029	Impact Fees	\$0.00		
3035	Reserve Funds (Impact Fee)	\$126,000.00		
		<u>ESTIMATED INCOME:</u>		<u>\$127,500.00</u>

CAPITAL FACILITIES EXPENSES

8016	ENG & Contingency 0001-1 to 0015-1	\$11,440.07		
0004	2012 Capital Improvement Prj. #1 (2007 CFP #3 & 2005 CFP #4) 3500 W. from 5700 S. to 6000 S.	\$4,533.00		
0005	2012 Capital Improvement Prj. #2 (2007 CFP #4 & 2005 CFP #5) 3500 W. from 5500 S. to 5600 S.	\$5,214.00		
0003	2012 Capital Improvement Prj. #3 (2007 CFP #2 & 2005 CFP #3) 3500 W. from 4800 S. to 5200 S.	\$29,850.00		
0010	2012 Capital Improvement Prj. #4 (2007 CFP #8 & 2005 CFP #10) 3500 W. from Midland Dr. to Layton Canal	\$1,233.00		
0013	2012 Capital Improvement Prj. #5 (2007 CFP #9 & 2005 CFP #13) 4300 W. from 4800 S. to 4650 S.	\$18,150.00		
0006	2012 Capital Improvement Prj. #6 (2007 CFP #5 & 2005 CFP #6) 4000 S. from Midland Dr. to 2800 W.	\$17,425.00		
0014	2012 Capital Improvement Prj. #7 (2007 CFP #10 & 2005 CFP #14) Along Rail Road ROW from 4800 S. to 4000 S.	\$20,934.93		
0017	2012 Capital Improvement Prj. #8 Along Rail Road ROW from 4000 S. to 3675 S. Then W. to Midland Dr.	\$18,720.00		
		<u>ESTIMATED EXPENSE:</u>		<u>\$127,500.00</u>

TOTAL INCOME & EXPENSES

ESTIMATED INCOME:	\$127,500.00
ESTIMATED EXPENSE:	\$127,500.00

2022 RWCD TENTATIVE BUDGET COMPARISON

11/11/2021

November 17, 2021
Board Meeting

O & M REVENUE

TAXES COLLECTED BY WEBER COUNTY

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
3030	Ad Valorem Tax	\$127,500.00	\$127,000.00	\$124,448.27
3036	Registered Vehicle F.I.L.	\$13,500.00	\$13,000.00	\$11,015.26
3037	Delinquent Ad Valorem Tax	\$2,500.00	\$2,000.00	\$2,258.95
Total:		\$143,500.00	\$142,000.00	\$137,722.48

ASSESSMENTS & SPECIAL ASSESSMENT

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
3034	Delinquent Assessments	\$30,000.00	\$30,000.00	\$33,596.77
3035	Direct Charges/Assessments	\$2,285,000.00	\$2,085,000.00	\$2,000,451.22
3040	Non-Taxable Entity Assessments	\$65,000.00	\$62,000.00	\$67,784.61
3045	Homeowners 1 Yr Only Assmnt.	\$1,000.00	\$1,000.00	-\$552.54
3050	Homeowners Yearly Assessments	\$5,000.00	\$5,000.00	\$8,255.28
Total:		\$2,386,000.00	\$2,183,000.00	\$2,109,535.34

OTHER INCOME

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
3016	Cell Tower Leases	\$56,000.00	\$54,000.00	\$53,670.13
3020	Surplus Water Sales/Wheeling Ch	\$13,000.00	\$13,000.00	\$64,104.82
3028	Interest - Checking & Investments	\$20,000.00	\$45,000.00	\$49,097.65
3150	Misc. Income	\$1,000.00	\$1,000.00	\$360.00
3156-20	Sale of 2020 Vehicles	-	-	\$311,000.00
3156-21	Sale of 2021 Vehicles	-	\$280,000.00	-
3156-22	Sale of 2022 Vehicles	\$290,000.00	-	-
3158-19	Sale of 2019 CAT 938M	-	-	\$173,446.00
3158-20	Sale of 2020 CAT 938M	-	\$174,000.00	-
3158-21	Sale of 2021 CAT 938M	\$170,000.00	-	-
3601-19	WaterSmart Grant R18AP00263	-	-	\$71,000.00
3601-20	WaterSmart Grant R20AP00169	-	75,000.00	-
3601-21	WaterSmart Grant R21AP?????	\$75,000.00	-	-
3700	APPROPRIATION FROM NET ASSETS	\$202,062.00	\$677,280.00	-\$6,362.63
Total:		\$827,062.00	\$1,319,280.00	\$716,315.97

	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
TOTAL INCOME:	\$3,356,562.00	\$3,644,280.00	\$2,963,573.79
PERCENT DIFFERENCE FROM PREVIOUS YEAR:	-7.9%	23.0%	

O. & M. - GENERAL EXPENSE

TRAVEL EXPENSE & DIRECTORS FEES

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
4900	Trustees Fees & Extra Meetings	\$20,000.00	\$20,000.00	\$18,527.40
Total:		\$20,000.00	\$20,000.00	\$18,527.40

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<u>PROFESSIONAL & TECHNICAL SERVICES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
4906	Engineering (Includes Capital Facilities Plan Update)	\$50,000.00	\$50,000.00	\$24,936.30
4907	Audit/CPA	\$18,000.00	\$18,000.00	\$12,918.00
4908	Attorney	\$30,000.00	\$30,000.00	\$10,559.70
4909	Advertising, Publishing & Postage	\$30,000.00	\$20,000.00	\$12,540.39
4910	Other Professional Services	\$0.00	\$0.00	\$0.00
Total:		\$128,000.00	\$118,000.00	\$60,954.39

<u>INSURANCE</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
4911	Liability	\$36,000.00	\$35,000.00	\$45,367.16
4912	Workers Compensation	\$10,000.00	\$9,000.00	\$6,425.05
4913	Bonding	\$1,000.00	\$1,000.00	\$230.00
Total:		\$47,000.00	\$45,000.00	\$52,022.21

<u>ASSESSMENTS</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5100	Roy City Water Rental	\$25,000.00	\$25,000.00	\$22,837.50
5101	D & W Water Assessment	\$379,000.00	\$379,000.00	\$378,125.00
5103	Other Water Rental	\$15,000.00	\$15,000.00	\$14,687.50
5105	Weber Basin Lease Contract	\$44,000.00	\$42,000.00	\$40,283.36
5106	Wilson Water Assessment	\$2,000.00	\$2,000.00	\$1,722.00
Total:		\$465,000.00	\$463,000.00	\$457,655.36

<u>ASSOCIATION DUES/WATER CONSERVATION & EDUCATION</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5200	Utah Water Users Association	\$1,500.00	\$1,000.00	\$500.00
5201	Association Special Districts	\$3,000.00	\$3,000.00	\$3,349.00
5202	Water Education	\$1,000.00	\$1,000.00	\$38.51
5204	American Water Works	\$700.00	\$700.00	\$235.00
5205-1	Irrigation Caucus	\$400.00	\$400.00	\$400.00
5206-1	Water Conservation (Other)	\$500.00	\$500.00	\$0.00
Total:		\$7,100.00	\$6,600.00	\$4,522.51

<u>WORKSHOPS & TRAINING</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5300	Director Workshops/Training	\$22,000.00	\$22,000.00	\$1,040.00
5301	Employee Workshops/Training	\$26,000.00	\$26,000.00	\$8,050.33
Total:		\$48,000.00	\$48,000.00	\$9,090.33

<u>SALARIES & BENEFITS</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5302	Medicare	\$8,500.00	\$8,350.00	\$7,830.29
5303-0,6	Gross Wages	\$443,000.00	\$430,000.00	\$421,254.87
5303-1,4	Overtime	\$31,500.00	\$30,500.00	\$18,653.61
5303-5,7	Double Time	\$2,000.00	\$1,800.00	\$1,233.94
5303-10	Sick Leave Pay	\$29,000.00	\$28,000.00	\$14,270.01

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5303-11	Annual Leave Pay	\$32,500.00	\$31,500.00	\$44,580.39
5303-12,15	Pager Time	\$9,500.00	\$9,000.00	\$7,349.56
5303-13	Compensation Time	\$1,750.00	\$1,750.00	\$0.00
5303-14	Holiday Pay	\$25,000.00	\$24,500.00	\$21,647.44
5304	FICA	\$37,500.00	\$36,500.00	\$33,342.83
5305	Federal Tax	\$0.00	\$0.00	\$0.00
5306	State Tax	\$0.00	\$0.00	\$0.00
5307	Retirement	\$82,000.00	\$80,500.00	\$81,657.28
5308	Health Insurance	\$120,000.00	\$117,000.00	\$114,268.60
5309	401K	\$26,000.00	\$25,500.00	\$25,510.58
5311	Unemployment Comp.	\$3,000.00	\$3,000.00	\$231.26
5312	Disability	\$3,000.00	\$3,000.00	\$829.93
	Total:	\$854,250.00	\$830,900.00	\$792,660.59

<u>OFFICE EXPENSES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5315	General Office Expenses	\$20,000.00	\$20,000.00	\$10,499.23
5316	Office Travel Reimbursement	\$1,500.00	\$1,500.00	\$711.12
5317	Managers Expense	\$1,500.00	\$1,500.00	\$295.38
5318	Air Conditioning & Heating	\$2,000.00	\$2,000.00	\$0.00
5319	Computer Tech. Repair & Agrmnts	\$18,000.00	\$18,000.00	\$16,849.00
5321	Adjustments & Refunds	\$500.00	\$500.00	\$0.00
5323	Computer Hardware & Software	\$15,000.00	\$15,000.00	\$10,431.45
5324	Radio Maintenance	\$1,000.00	\$1,000.00	\$0.00
5325	Bldg Cleaning & Maint. Supplies	\$500.00	\$500.00	\$437.56
5326	Janitorial Services	\$3,000.00	\$3,000.00	\$2,807.25
5327	Office Improvements	\$5,000.00	\$5,000.00	\$3,184.43
5328	Conservation Study & Incentives	\$3,000.00	\$3,000.00	\$0.00
	Total:	\$71,000.00	\$71,000.00	\$45,215.42

<u>UTILITIES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5401	Telephone	\$20,000.00	\$20,000.00	\$16,123.97
5402	Dominion Energy	\$4,500.00	\$4,500.00	\$2,895.93
5403	Rocky Mountain Power/Electrical	\$65,000.00	\$65,000.00	\$54,980.31
5404	Culinary Water (Riverdale)	\$2,500.00	\$2,500.00	\$1,929.85
5405	Trash	\$1,750.00	\$1,500.00	\$1,228.59
	Total:	\$93,750.00	\$93,500.00	\$77,158.65

<u>SHOP - MOBILE EQUIPMENT SUPPLIES & REPAIRS</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5501	Fuel	\$10,000.00	\$10,000.00	\$5,725.84
5502	Oil, Grease & Filters	\$1,250.00	\$1,250.00	\$172.58

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5503	Tires	\$2,000.00	\$2,000.00	\$808.72
5504	Batteries	\$300.00	\$300.00	\$15.30
5505	Equipment Repair	\$5,000.00	\$5,000.00	\$2,615.92
5506	Equipment Tune-Up	\$750.00	\$750.00	\$658.58
5507	Truck Repair & Registration	\$1,500.00	\$1,500.00	\$1,433.60
5509	Portable Equipment	\$2,500.00	\$8,500.00	\$107.60
5510	Small Hand Tools - Shop	\$2,000.00	\$2,000.00	\$1,215.81
5511	Small Tools - Trucks	\$2,000.00	\$2,000.00	\$2,466.53
5512	Equipment Rental	\$1,000.00	\$1,000.00	\$234.48
5600	Oxygen, Acetylene & Welding Rod	\$1,000.00	\$1,000.00	\$769.09
5601	Rock & Road Base	\$3,000.00	\$3,000.00	\$1,076.72
5602	Concrete Products	\$200.00	\$200.00	\$0.00
5603	Nuts & Bolts	\$500.00	\$500.00	\$190.80
5604	Uniforms	\$2,000.00	\$2,000.00	\$1,553.50
5605	Safety Equipment	\$1,000.00	\$1,000.00	\$838.97
5606	Shop Clean & Maint. Supplies	\$1,000.00	\$1,000.00	\$919.00
5608	Building Maintenance (Shop)	\$2,000.00	\$2,000.00	\$1,200.99
5609	Shop Improvements	\$5,000.00	\$5,000.00	\$5,466.95
	Total:	\$44,000.00	\$50,000.00	\$27,470.98

UPKEEP OF GROUNDS

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5700	Maintenance of Entire District Property (30 acres)	\$30,000.00	\$30,000.00	\$28,452.21
	Total:	\$30,000.00	\$30,000.00	\$28,452.21

STREET REPAIRS

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5900	Asphalt	\$2,500.00	\$2,500.00	\$0.00
5901	Contractor	\$25,000.00	\$25,000.00	\$0.00
5902	Concrete	\$2,000.00	\$2,000.00	\$1,300.70
5903	Roy City Cut & Patch Fees	\$3,000.00	\$3,000.00	\$0.00
5904	Dispose Concrete & Asphalt	\$1,000.00	\$1,000.00	\$0.00
	Total:	\$33,500.00	\$33,500.00	\$1,300.70

PUMPHOUSE & RESERVOIR

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
6000	Reservoir & Pumphouse	\$50,000.00	\$30,000.00	\$4,534.11
6001	Inlet Screen Repairs	\$4,000.00	\$4,000.00	\$0.00
	Total:	\$54,000.00	\$34,000.00	\$4,534.11

PIPELINE MAINTENANCE & SUPPLIES

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
6100	Pipeline Maintenance & Supplies	\$25,000.00	\$15,000.00	\$16,242.09
6101	Welding of Pipeline	\$1,000.00	\$1,000.00	\$0.00
6102	Blue Stakes	\$5,500.00	\$5,500.00	\$4,299.79

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		Total:	\$31,500.00	\$21,500.00	\$20,541.88
<hr/>					
<u>BOND PAYMENT</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>	
6200	Debt Service Payment	-	-	\$365,777.20	
6201	Bond Paying Agent	-	-	\$1,500.00	
6204	Depreciation	\$100,000.00	\$100,000.00	\$0.00	
Total:		\$100,000.00	\$100,000.00	\$367,277.20	

<u>O. & M. CAPITAL IMPROVEMENT EXPENSES</u>		<u>Capital Improvement Projects</u>			
8219-20	Capital Improvement Plan #1 (2020) Replace Mainline Valves	-	-	\$10,300.00	
8219-21	Capital Improvement Plan #1 (2021) Replace Mainline Valves	-	\$40,000.00	-	
8219-22	Capital Improvement Plan #1 (2022) Replace Mainline Valves	\$40,000.00	-	-	
8229-20	Capital Improvement Plan #2 (2020) Connect Unconnected Lots	-	-	\$17,492.38	
8229-21	Capital Improvement Plan #2 (2021) Connect Unconnected Lots	-	\$48,000.00	-	
8229-22	Capital Improvement Plan #2 (2022) Connect Unconnected Lots	\$48,000.00	-	-	
8262-19	WaterSmart Grant R18AP00263	-	-	\$100,323.45	
8262-20	WaterSmart Grant R20AP00169 Capital Improvement Plan #4 (2020)	-	\$187,500.00	\$46,134.94	
8267	Service Lateral Replacement 2200 West Between 5600 South and 6000 South Capital Improvement Plan #5 (2020)	-	-	\$141,701.76	
8268	Water Line Replacement 2150 West Between 4300 South and 4400 South Capital Improvement Plan #6 (2020)	-	-	\$49,285.90	
8269	Water Line Replacement 2600 West Between 5650 South and 5725 South Capital Improvement Plan #7 (2020)	-	-	\$65,373.68	
8270	Water Line Replacement 4225 South Westlake Drive Cul-de-Sac	-	-	\$36,698.19	
8271	5600 South 2500 West Water Line Replacement Capital Improvement Plan #4 (2021)	-	-	\$59,066.96	
8272	Water Line Replacement 6050 South and 2125 West Between 2200 West and 6075 South Capital Improvement Plan #5 (2021)	-	\$110,734.00	-	
8273	Water Line Replacement - 5075 South Between 1825 West and 1900 West Capital Improvement Plan #6 (2021)	-	\$112,528.00	-	
8274	Service Lateral Replacement - 5175 South Between 2500 West and 2675 West Capital Improvement Plan #7 (2021)	-	\$32,287.00	-	
8275	Water Line Replacement - 4850 South and 2575 West Between 4900 South and 2675 West Capital Improvement Plan #8 (2021)	-	\$158,861.00	-	
8276	Water Line Replacement - 2100 West and 2150 West and 5125 South Between 5200 South and 2150 West (Roy City CDBG) Capital Improvement Plan #9 (2021)	-	\$157,780.00	-	
8277	Water Line Replacement - 4700 South Between 1900 West and 2100 West (Roy City CDBG) Capital Improvement Plan #10 (2021)	-	\$191,590.00	-	
8278	Seal South Reservoir Sidewall Joints	-	\$50,000.00	-	
8262-21	WaterSmart Grant R21AP00???	\$187,500.00	-	-	

2022 RWCD TENTATIVE BUDGET COMPARISON

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	Capital Improvement Plan #4 (2022)			
8279	Secondary Water Line Replacement Project - 2600 West and 2625 West Between 5800 South and 5950 South	\$385,446.00	-	-
	Capital Improvement Plan #5 (2022)			
8280	Secondary Water Line Replacement Project -1950 West Between 5100 South and 5200 South	\$102,787.00	-	-
	Capital Improvement Plan #6 (2022)			
8281	Connect Existing Water Line - 4250 South and 2350 South and 6075 South and 2960 West	\$32,729.00	-	-
	Total:	\$796,462.00	\$1,089,280.00	\$526,377.26

NEW ASSETS

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
8305-20	Truck Upgrades 2020	-	-	\$281,599.24
8305-21	Truck Upgrades 2021	-	\$295,000.00	-
8305-22	Truck Upgrades 2022	\$306,000.00	-	-
8326-20	2020 CAT 938M	-	-	\$169,251.00
8326-21	2021 CAT 938M	-	\$180,000.00	-
8326-22	2022 CAT 938M	\$185,000.00	-	-
8330	Log Cabin	-	-	\$18,962.35
8331	Pumphouse and Office Solar Arrays	-	\$115,000.00	-
8332	2022 Colorado	\$42,000.00	-	-
	Total:	\$533,000.00	\$590,000.00	\$469,812.59

	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
TOTAL EXPENSE:	\$3,356,562.00	\$3,644,280.00	\$2,963,573.79
PERCENT DIFFERENCE FROM PREVIOUS YEAR:	-7.9%	23.0%	

<u>TOTAL INCOME & EXPENSES</u>	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
INCOME:	\$3,356,562.00	\$3,644,280.00	\$2,963,573.79
EXPENSE:	\$3,356,562.00	\$3,644,280.00	\$2,963,573.79

2022 RWCD TENTATIVE BUDGET COMPARISON

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IMPACT FEE FUND

<u>CAPITAL FACILITIES INCOME</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
3027	Interest Income	\$1,500.00	\$3,500.00	\$3,343.93
3029	Impact Fees	\$0.00	\$0.00	\$0.00
3035	Reserve Funds (Impact Fee)	\$126,000.00	\$261,242.07	\$0.00
<i>INCOME:</i>		\$127,500.00	\$264,742.07	\$3,343.93

<u>CAPITAL FACILITIES EXPENSES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
8016	ENG & Contingency 0001-1 to 0015-1	\$11,440.07	\$36,440.07	\$0.00
0004	2012 Capital Improvement Prj. #1 (2007 CFP #3 & 2005 CFP #4) 3500 W. from 5700 S. to 6000 S.	\$4,533.00	\$9,066.00	\$0.00
0005	2012 Capital Improvement Prj. #2 (2007 CFP #4 & 2005 CFP #5) 3500 W. from 5500 S. to 5600 S.	\$5,214.00	\$10,428.00	\$0.00
0003	2012 Capital Improvement Prj. #3 (2007 CFP #2 & 2005 CFP #3) 3500 W. from 4800 S. to 5200 S.	\$29,850.00	\$59,700.00	\$0.00
0010	2012 Capital Improvement Prj. #4 (2007 CFP #8 & 2005 CFP #10) 3500 W. from Midland Dr. to Layton Canal	\$1,233.00	\$1,233.00	\$0.00
0013	2012 Capital Improvement Prj. #5 (2007 CFP #9 & 2005 CFP #13) 4300 W. from 4800 S. to 4650 S.	\$18,150.00	\$18,150.00	\$0.00
0006	2012 Capital Improvement Prj. #6 (2007 CFP #5 & 2005 CFP #6) 4000 S. from Midland Dr. to 2800 W.	\$17,425.00	\$17,425.00	\$0.00
0014	2012 Capital Improvement Prj. #7 (2007 CFP #10 & 2005 CFP #14) Along Rail Road ROW from 4800 S. to 4000 S.	\$20,934.93	\$93,580.00	\$0.00
0017	2012 Capital Improvement Prj. #8 Along Rail Road ROW from 4000 S. to 3675 S. Then W. to Midland Dr.	\$18,720.00	\$18,720.00	\$0.00
<i>EXPENSE:</i>		\$127,500.00	\$264,742.07	\$0.00

<u>TOTAL INCOME & EXPENSES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
INCOME:		\$127,500.00	\$264,742.07	\$3,343.93
RESERVE FUNDS:				
EXPENSE:		\$127,500.00	\$264,742.07	\$0.00
PERCENT DIFFERENCE FROM PREVIOUS YEAR:		-51.8%	1.9%	

2022 WEST HAVEN TENTATIVE BUDGET COMPARISON

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O & M REVENUE

<u>OTHER INCOME</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
3300	Weber Basin - West Haven System	\$230,000.00	\$225,000.00	\$229,763.90
3301	Weber Basin Administrative Fee	\$11,500.00	\$11,250.00	\$0.00
Total:		\$241,500.00	\$236,250.00	\$229,763.90

	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
TOTAL INCOME:	\$241,500.00	\$236,250.00	\$229,763.90
PERCENT DIFFERENCE FROM PREVIOUS YEAR:	2.2%	2.8%	

O. & M. - GENERAL EXPENSE

<u>PROFESSIONAL & TECHNICAL SERVICES</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
4903	Scada	\$1,500.00	\$1,500.00	\$0.00
4906	Engineering (Includes Capital Facilities Plan Update)	\$2,500.00	\$2,500.00	\$0.00
4907	Audit/CPA	\$2,000.00	\$2,000.00	\$1,400.00
4908	Attorney	\$3,000.00	\$3,000.00	\$0.00
4909	Advertising, Publishing & Postage	\$1,000.00	\$1,000.00	\$0.00
Total:		\$10,000.00	\$10,000.00	\$1,400.00

<u>INSURANCE</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
4911	Liability	\$2,000.00	\$2,000.00	\$0.00
4912	Workers Compensation	\$2,500.00	\$2,500.00	\$909.77
Total:		\$4,500.00	\$4,500.00	\$909.77

<u>SALARIES & BENEFITS</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5302	Medicare	\$1,800.00	\$1,600.00	\$986.76
5303-0,6	Gross Wages	\$123,750.00	\$121,000.00	\$53,006.16
5303-1,4	Overtime	\$8,250.00	\$8,000.00	\$7,716.83
5303-5,7	Double Time	\$1,550.00	\$1,500.00	\$553.41
5303-12,15	Pager Time	\$6,250.00	\$6,000.00	\$5,385.67
5304	FICA	\$7,250.00	\$7,000.00	\$4,201.79
5307	Retirement	\$17,000.00	\$16,500.00	\$10,290.26
5308	Health Insurance	\$23,000.00	\$22,500.00	\$14,399.86
5309	401K	\$5,250.00	\$5,000.00	\$3,214.78
5311	Unemployment Comp.	\$100.00	\$100.00	\$29.14
5312	Disability	\$500.00	\$500.00	\$333.80
Total:		\$194,700.00	\$189,700.00	\$100,118.46

<u>SHOP - MOBILE EQUIPMENT SUPPLIES & REPAIRS</u>		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5501	Fuel	\$6,000.00	\$6,000.00	\$3,487.57
5509	Portable Equipment	\$500.00	\$500.00	\$0.00
5511	Small Tools - Trucks	\$500.00	\$500.00	\$0.00
5512	Equipment Rental	\$500.00	\$500.00	\$0.00

2022 WEST HAVEN TENTATIVE BUDGET COMPARISON

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5600	Oxygen, Acetylene & Welding Rod	\$500.00	\$500.00	\$0.00
5601	Rock & Road Base	\$500.00	\$500.00	\$0.00
5602	Concrete Products	\$200.00	\$200.00	\$0.00
5603	Nuts & Bolts	\$100.00	\$100.00	\$0.00
Total:		\$8,800.00	\$8,800.00	\$3,487.57

STREET REPAIRS

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
5900	Asphalt	\$1,000.00	\$1,000.00	\$0.00
5901	Contractor	\$3,000.00	\$3,000.00	\$0.00
5902	Concrete	-	-	-
5904	Dispose Concrete & Asphalt	\$1,000.00	\$1,000.00	\$0.00
Total:		\$5,000.00	\$5,000.00	\$0.00

PUMPHOUSE & RESERVOIR

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
6000	Reservoir & Pumphouse	-	-	-
6001	Inlet Screen Repairs	\$1,000.00	\$1,000.00	\$0.00
Total:		\$1,000.00	\$1,000.00	\$0.00

PIPELINE MAINTENANCE & SUPPLIES

		<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
6100	Pipeline Maintenance & Supplies	\$2,500.00	\$2,500.00	\$900.00
6101	Welding of Pipeline	-	-	-
6102	Blue Stakes	\$3,500.00	\$3,500.00	\$3,810.56
Total:		\$6,000.00	\$6,000.00	\$4,710.56

	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
TOTAL EXPENSE:	\$241,500.00	\$236,250.00	\$110,626.36
PERCENT DIFFERENCE FROM PREVIOUS YEAR:	2.2%	113.6%	

<u>TOTAL INCOME & EXPENSES</u>	<u>2022 Estimated</u>	<u>2021 Estimated</u>	<u>2020 Actual</u>
INCOME:	\$241,500.00	\$236,250.00	\$229,763.90
EXPENSE:	\$241,500.00	\$236,250.00	\$110,626.36

MEMORANDUM

TO: Board of Trustees

FROM: Rodney Banks, Manager

DATE: November 12, 2021

SUBJECT: **IV.B. Consideration of Public Hearing Date for 2022 Budget**

Utah Code Annotated 17B-1-609 and the District's Fiscal Policy Section 8.4 requires that the District's board of trustees establish the time and place of a public hearing to consider the adoption of the final budget.

A suggested motion would be, "I move that we hold a public hearing on December 8, 2021, at 6:00 p.m. at the District's office for the purpose of adopting the 2022 Final Budget."

MEMORANDUM

TO: Board of Trustees

FROM: Rodney Banks, Manager

DATE: November 12, 2021

SUBJECT: **IV.C. Consideration of 2021 Water Conservation Plan**

The Utah Division of Water Resources (DWRe) requires the District to update and submit its water conservation plan every five years. The last update was in 2015 so the District was due for an update in 2020, but DWRe postponed the due date to 2021 due to COVID-19. Once the board of trustees approves the update and holds a public hearing in December, it will be submitted to DWRe.

A suggested motion would be, “I move that we approve the 2021 Water Conservation Plan.”

Roy Water Conservancy District

Water Conservation Plan

December 2021



WASATCH CIVIL
Consulting Engineering

ROY WATER CONSERVANCY DISTRICT

WATER CONSERVATION PLAN

December 2021

Roy Water Conservancy District
5440 South Freeway Park Drive
Riverdale, Utah 84405
(801) 825-9744

Prepared By



Wasatch Civil Consulting Engineering
5440 South Freeway Park Drive
Riverdale, Utah 84405
(801) 775-9191



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SECTION 1
INTRODUCTION

SECTION I - INTRODUCTION

THIS ROY WATER CONSERVANCY DISTRICT WATER CONSERVATION PLAN, December 2021 (the "Water Conservation Plan"), is submitted by Roy Water Conservancy District, a water conservancy district organized under the Utah Water Conservancy Act (the "District"), pursuant to and in conformance with the requirements of Section 73-10-32, Utah Code Annotated, 1953, as amended (the "Act").

PURPOSE

Rapid growth and limited water resources in the State of Utah have raised concerns about the future water supply availability in the State as well as the costs that will be required to develop additional water sources. In response to these concerns, the Utah State Legislature passed the Water Conservation Act (House Bill 418) in the 1998 legislative session. It was revised in 1999 (House Bill 153) and again in 2004 (House Bill 71), and codified under the Act. The Act requires retail water providers serving more than 500 culinary water connections and water conservancy districts to submit a water conservation plan to the Utah Division of Water Resources.

BACKGROUND

The District's previous water conservation plan submitted by the District, entitled *Roy Water Conservancy District Water Conservation Plan, December 2015* (the "Previous Conservation Plan"), was prepared by Wasatch Civil Consulting Engineering. This Water Conservation Plan and the Previous Conservation Plan include both a long-term water conservation plan and an emergency water conservation plan. This Water Conservation Plan is prepared and filed as an update to the Previous Conservation Plan as required by the Act, and is intended to fulfill the requirements for long-term and emergency water conservation plans.

Information used in the preparation of this Water Conservation Plan was obtained from District personnel, District operational records, and information set forth in the Previous Conservation Plan. In order to make this Water Conservation Plan complete, applicable information previously presented in the Previous Conservation Plan is repeated in this document.

CONTACT INFORMATION

System: Roy Water Conservancy District
5440 Freeway Park Drive
Riverdale, Utah 84405

Contact: Rodney Banks, District General Manager
801-825-9744

SECTION 2

DESCRIPTION OF WATER SYSTEM

SECTION 2 - DESCRIPTION OF WATER SYSTEM

HISTORY AND DEMOGRAPHICS

The District is located in Weber County, Utah and covers an area of about 8 square miles. The area was settled in 1873 and was initially established as a small farming community. Growth was slow until the 1940s and 1950s when, due to its close proximity to Hill Air Force Base and other military supply depots, the community began its transition from agricultural to residential land use. Throughout the past seventy years, residential growth has continued, and businesses, schools, churches, fire and police departments, sewer and water systems have continued to expand to serve the growing population. The District was established in 1965 as a water conservancy subdistrict, but pursuant to statutory amendments in 2007, the District has been redesignated as a water conservancy district by law.

Consistent with the purpose of the Utah Water Conservancy District Act, the District was organized in order to conserve, develop and stabilize the existing supplies of water within the District boundary. At that time, conservation was primarily accomplished by allowing sources of high-quality treated water to be used for culinary purposes rather than for irrigation. With funding from the U.S. Bureau of Reclamation, the District constructed a pressurized irrigation system to provide pressurized secondary irrigation water to residences as well as agricultural activities in the Roy City area. The current service area now includes most of Roy City as well as portions of the cities of Riverdale, West Haven, and Hooper. Through the years, as agricultural land has developed into residential, institutional, and commercial uses, agricultural customers have been replaced by residential, institutional, and commercial customers. The rate of growth within the District's service area has slowed in recent years as the District approaches build-out.

The District is currently governed by a Board of five trustees (the "Board"), each representing one of five geographical divisions. The trustees are appointed by the Weber County Commission and the trustees meet regularly to conduct the affairs of the District. The Board appoints one of its members to act as a chairman and hires a General Manager to oversee the day-to-day operations and business of the District. Maintenance and office personnel are also hired to perform administrative tasks and to operate the system.

SYSTEM OVERVIEW

The District's secondary water system currently provides irrigation water to a total area of approximately 5,713 acres of ground. Of this area, it is estimated that approximately 2,946 acres are irrigable. The District's current boundaries are shown on the Service Area Map in Appendix A. Existing connections serve approximately 2,298 acres of residential property and 648 acres of commercial, industrial, institutional, municipal, and agricultural properties.

Water Storage

The District owns, operates, and maintains a concrete-lined water storage reservoir (the "District Reservoir") located northeast of the District's administrative offices. The District Reservoir has a maximum capacity of approximately 112 acre-feet (when measured at a depth of 12 feet).

Water Distribution

The District's pressurized irrigation water distribution system (the "System") is generally divided into two zones: an upper pumped zone and a lower gravity zone. As the name indicates, the upper zone uses pumps to produce the required pressure and flows. The main lines for the pumped zone within the system vary in size from 30" diameter transmission lines to 4" diameter distribution lines. The lower zone uses gravity to achieve the required flows and system pressures. The main lines for the gravity zone vary in size between 48" diameter transmission lines to 6" diameter distribution lines. An overall system map is included in Appendix B.

Population

The service area population estimates for the past 5 years as well as a projected population at build-out are given in Table 2-1. Estimates indicate a relatively constant population with limited change over the past 10 years. The average rate of growth during this period is approximately 0.70 percent per year. The build-out population was estimated based on a review of proposed land use maps and an examination of aerial photographs. An analysis of the photographs indicates that approximately 90% of the available property in the District is currently developed.

TABLE 2-1. POPULATION ESTIMATE

Year	Population
2016	42,548
2017	42,727
2018	42,980
2019	43,882
2020	45,315
Build-Out	46,500

System Connections

The District currently maintains approximately 10,770 service connections to the System, including residential, agricultural, commercial, industrial, institutional, and municipal connections.

WATER RESOURCES INVENTORY

Existing Water Sources

The District's primary source of water supply consists of shares of stock owned by the District in the Davis and Weber Counties Canal Company ("D&WCCC") and shares leased by the District from time to time. D&WCCC water is diverted from the Weber River and carried by a canal to various points throughout the county, where it is delivered to its shareholders for use. The canal passes near the District Reservoir, into which the District's portion of the water is diverted and stored. Over the past 20 years, the annual diversion from the D&WCCC canal into the District Reservoir for the District's use has varied from a low of 4,888 acre-feet to a high of 8,379 acre-feet.

The District has also contracted for an additional water supply through an agreement with Weber Basin Water Conservancy District ("Weber Basin"). The District has obtained the right to divert and use 365 acre-feet of Weber Basin water that is a contract between the District and Weber Basin. This water supply is delivered by Weber Basin to the District through the D&WCCC canal into the District Reservoir.

Currently, the District annually diverts and uses less than the total quantity of water allocable to the District pursuant to the shares of D&WCCC stock owned or controlled by it. D&WCCC water in excess of the District's current needs is leased to Weber Basin for its use. However, as drought conditions within the District continue, the balance of the D&WCCC water to which the District is entitled will be called for and used by the District to serve its existing customers. Additional water sources may also be required. The current yield for all District sources is presented in Table 2-2.

TABLE 2-2. SUMMARY OF WATER SOURCES

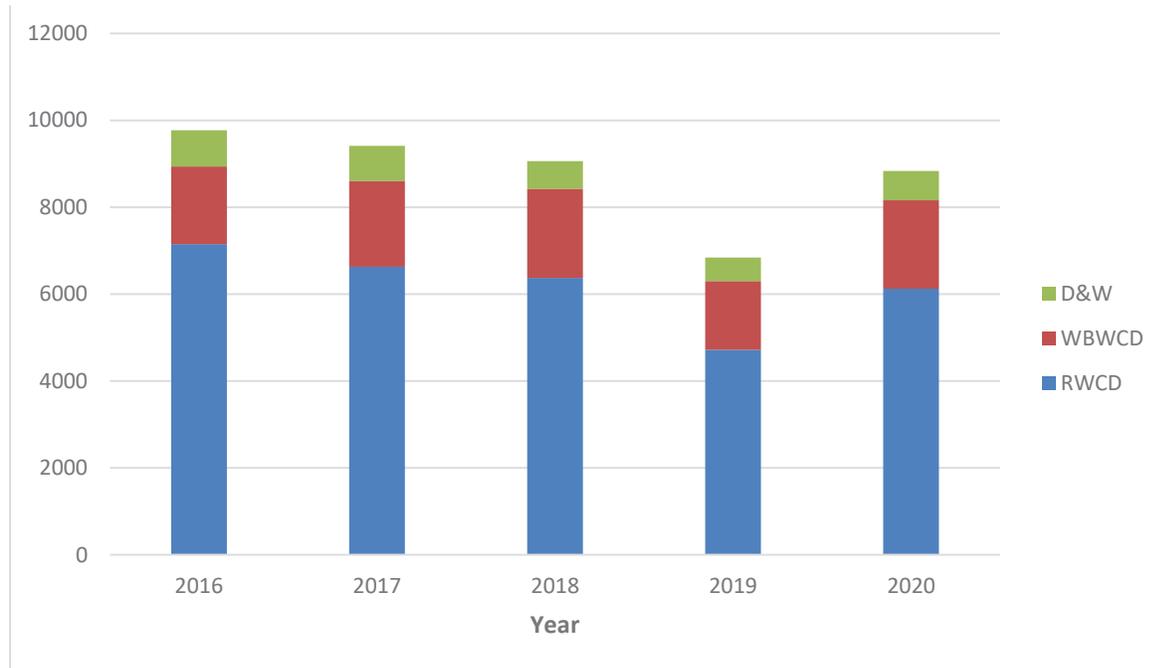
Name of Source	No. of Shares	Quantity (acre-feet)	Irrigated Area (acres)
Owned D&WCCC Shares	1,512.5	9,075	2,669
Leased Shares	144	864	254
Owned Wilson Irrigation Shares	20.5	78	23
Weber Basin Water Conservancy District	NA	365	107
Total	1,677	10,382	3,083

CURRENT WATER USE AND DELIVERIES

Water use by the District was determined by reviewing historical flow records. Actual water used by the District is obtained by subtracting the quantity of water wheeled through the system for D&WCCC and Weber Basin from the total quantity used by the District for the year. The quantity used by the District is shown in Figure 2-1 by the blue areas. The quantity that is wheeled through the District's system for use by D&WCCC is represented by the red areas and

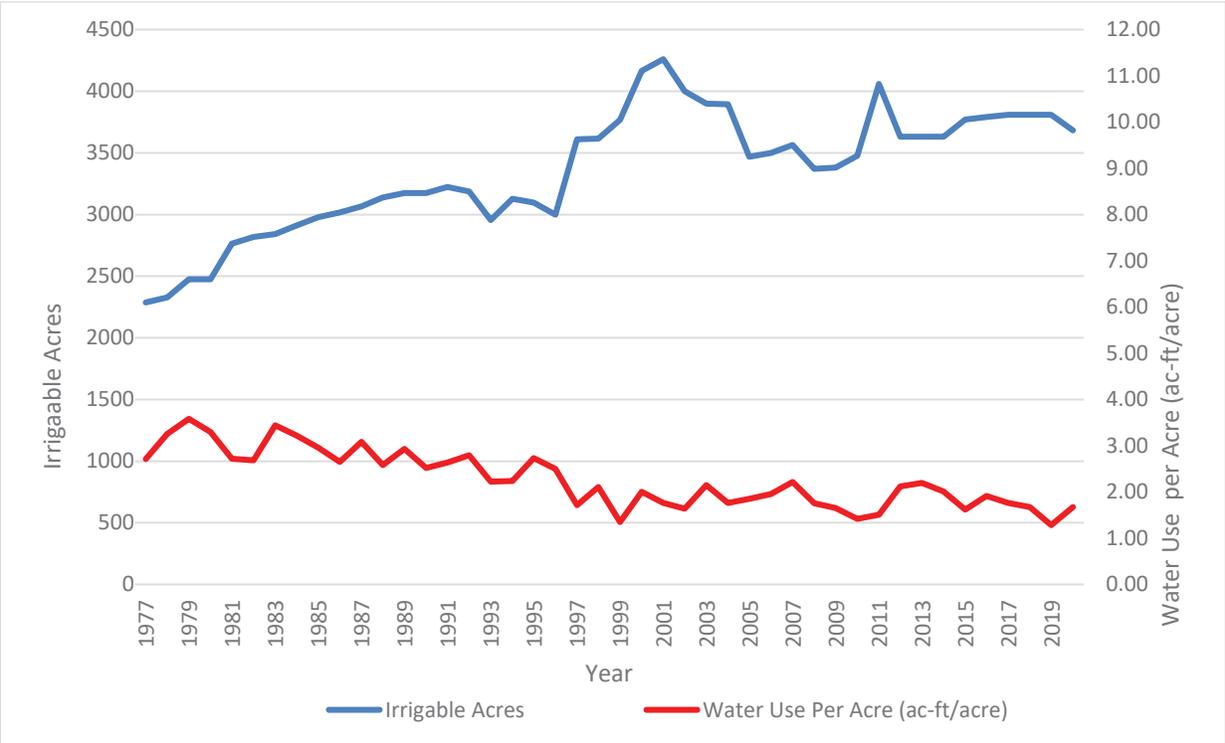
the quantity of water that is wheeled through the District's system for use by Weber Basin is represented by green areas. For the purposes of this study, the losses due to evaporation from the District Reservoir were assumed to be relatively minor and were neglected. A summary of water use data is presented in Figure 2-1.

FIGURE 2-1. ANNUAL WATER USE



In order to determine the effectiveness of current conservation measures, it is useful to determine water consumption per irrigable acre. This is done by dividing the water use for the year by the total irrigable acreage. Using District water use records, the water consumption was determined for each year beginning in 1977 and continuing through 2020. However, for the purposes of this study, only water use data for the past 5 years is presented above. The results were then graphically compared with the change in water use per acre for each corresponding year. The results are presented in Figure 2-2.

FIGURE 2-2. WATER USE HISTORY

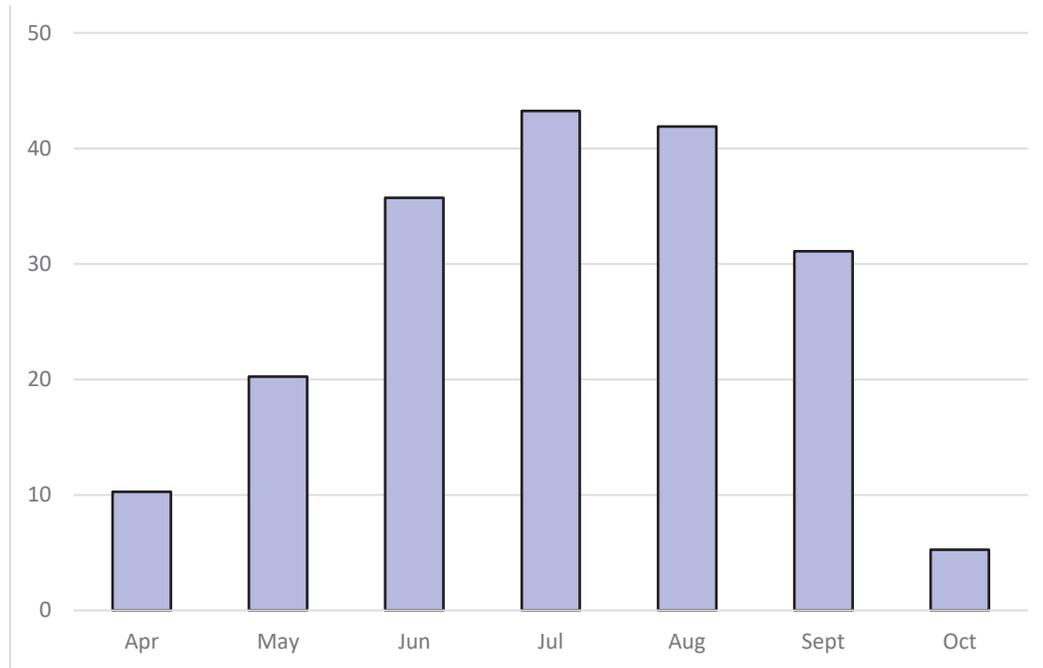


Since water use can vary greatly from year to year due to seasonal variations in precipitation and temperature, water use data was slightly modified to show general trends. As indicated in Figure 2-2, a corresponding increase in water use was seen as agricultural acreage was brought into the District. In the early 1990s, water use per acre began to drop even as additional land began to be irrigated. This trend corresponds to the transition of land from agricultural use to the irrigation of residential, institutional, and commercial properties. It is also likely to reflect the implementation of initial conservation measures.

As indicated previously, annual water use can vary greatly from year to year due to natural variations in precipitation and temperature. Consumption has been as high as 2.71 acre-feet/acre in 2007 and as low as 1.38 acre-feet/acre in 2019. The average water consumption per acre for the past 10 years is approximately 2.22 acre-feet/acre. It is important to note that the water use per acre has been steadily decreasing.

In secondary water systems, individual services are not typically metered. However, the District has recently been obtaining small grants to install meters on existing services. The District has also added meters as a requirement for new construction. Even though water use data obtained from the meters is currently limited, monthly flow records have begun to give an indication of daily and monthly variations in water use for both residential, institutional, and commercial users. System wide flow data shows an expected seasonal water use pattern that reflects variations in temperature and rainfall in the spring and fall months versus the hotter and drier summer months. The maximum monthly flow for the year 2020 is presented in Figure 2-3.

FIGURE 2-3. 2020 MONTHLY MAXIMUM FLOW (CFS)



The flow patterns presented in Figure 2-3 are generally typical, with lower flow rates during the spring and fall and higher flows in the hotter summer months. Annual maximum flow data for the past 5 years are presented in Table 2-3.

TABLE 2-3. MONTHLY FLOW DATA

Month ¹	Flow (cfs)				
	2016	2017	2018	2019	2020
April	9.2	10.2	10.3	12.0	9.6
May	18.7	21.4	23.8	10.7	26.7
June	45.0	39.9	38.3	27.3	28.2
July	46.2	45.6	44.2	42.6	37.6
August	44.1	43.7	42.7	38.2	40.7
September	28.6	27.2	40.7	28.2	30.8
October	4.8	5.2	0.0 ²	5.4	10.9

1. The District irrigation season generally begins April 15th and ends October 15th of each year.

2. The irrigation season ended early in 2018.

FUTURE WATER REQUIREMENTS

Future water requirements were calculated assuming that water use patterns and water consumption per acre remain relatively constant. For the purposes of this calculation, the 10 year average of 2.22 acre-feet/acre was used. An estimate of future water requirements is presented in Table 2-4.

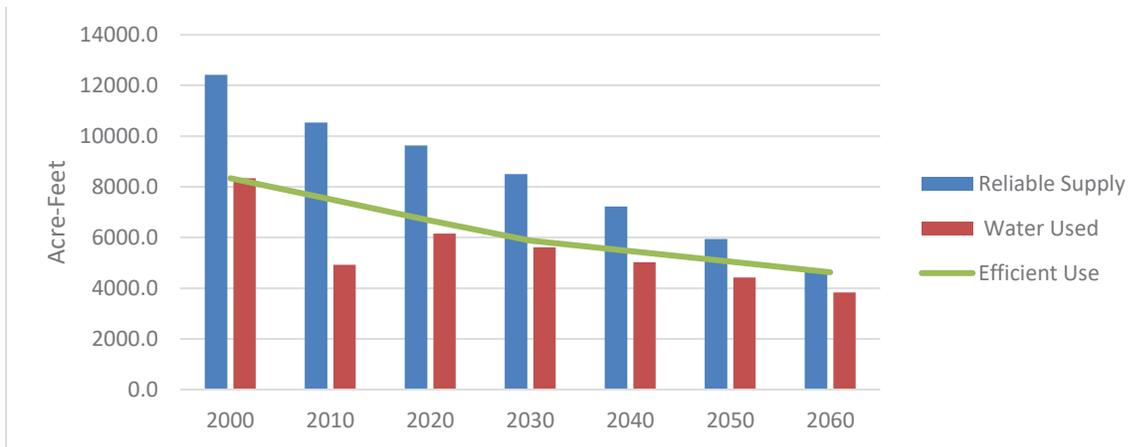
TABLE 2-4. FUTURE WATER REQUIREMENT

Year	Average Water Use (ac-ft/acre)	Irrigable Acreage	Required Water (ac-ft)
2020	2.22	2,946	6,540
Build-out	2.22	3,395	7,537

As indicated in Table 2-2, the yearly water demand at build-out conditions is projected to be approximately 450 acre-feet more than is the current yield of the District's water sources. The simplest alternative for obtaining additional water source capacity without developing additional sources is to decrease the amount of water used annually to irrigate each acre of ground. Other options include acquiring additional D&WCCC shares or increasing water purchases from Weber Basin by either of the following: (1) assuming more of the excess water supply that Roy City is already contracted to purchase from Weber Basin or (2) by contracting for additional water from Weber Basin directly.

Figure 2-4 shows a comparison of the reliable water supply, current water use, and efficient use. Reliable supply is based on the water shares and acre-feet per share. Projections are based from the year 2000 to 2020 and projected to 2060.

FIGURE 2-4. WATER SUPPLY AND USE



COMPARISON TO STATE ENGINEER'S REQUIREMENT

The Utah State Engineer's office has stated that the "duty" for irrigation within the state of Utah varies from 6.0 acre-feet/acre in the dryer parts of the state, to 3.0 acre-feet per acre in the high mountain areas. The District is located in an area where the State Engineer has determined to use a duty of 4.0 acre-feet per acre. As stated, the average consumptive use in the District's service area has varied in the past 10 years from a high of 2.71 acre-feet/acre in 2007, to a low of 1.38 acre-feet/acre in 2019. The average use for the past 15 years is approximately 2.22 acre-feet per acre. This is well below the 4.0 acre-foot per acre duty for irrigated land in the District's service area as determined by the State Engineer.

SECTION 3

SYSTEM PROBLEMS, CONSERVATION, AND GOAL

SECTION 3 - SYSTEM PROBLEMS, CONSERVATION, AND GOALS

IDENTIFIED PROBLEMS

This Water Conservation Plan identifies several problems with regard to water conservation issues. These items are as follows:

1. Agricultural irrigation flows are often based on traditional flows rather than flow rates based on shares owned by the user.
2. Many of the water users in the District lack the understanding of how to efficiently water landscaped areas. Their practices are based on convenience or habit instead of the needs of the vegetation.
3. The water rate structure does not have incentives or penalties that will encourage conservation.

WATER CONSERVATION GOAL

The goal of the Water Conservation Plan is to reduce future water use while maintaining a financially viable System. A review of *"Utah's M&I Water Conservation Plan - Investing in the Future"* reveals that the state has a goal of reducing per capita water use by 25% between 2000 and 2025. Total water consumption within the District's service area between 2000 and 2020 have been reduced by approximately 26%. The District's water conservation goal for the next 5 years consists of a reduction in water use by an additional 1%. It is anticipated that this goal can be achieved by continuing the existing control measures and implementing the additional control measures indicated in this section. A 1% reduction in water use could result in an estimated savings of approximately 83.4 acre-feet each year.

CURRENT WATER CONSERVATION IMPLEMENTATION PLAN

Current water conservation measures include the following: public education; internal training and education; water use restrictions; pipeline replacement; reservoir maintenance; leak detection; and the water conservation learning garden.

It is difficult to evaluate the effectiveness of individual conservation measures due to the natural variation in water use from year to year. However, the combination of the existing conservation measures appears to be at least moderately effective. A review of water use records indicate that per acre use has decreased from approximately 3.6 acre-ft/acre use in 1994 to approximately 2.14 acre-ft/acre in 2020.

Public Education

Information promoting water conservation are made available on the District website to residents and at the District Office. This information describes various water conservation practices that customers can use to reduce their water consumption. This information can

easily be used to improve education at city functions, special school and university programs, and pursuant to special requests by other organizations.

Internal Training and Education

The District is currently actively participating in several organizations that work with state and local governments on ongoing conservation efforts. District personnel routinely attend seminars and conferences that promote water conservation. These organizations, seminars, and conferences provide information regarding newly developed equipment, instrumentation, methods and techniques, and how they can be applied to conservation efforts in the District.

Water Use Restriction

It is well documented that watering landscaped areas and turfgrass between 10 p.m. and 6 a.m. can greatly reduce water losses due to evaporation. Along with encouraging proper watering techniques, the District has a policy that restricts the watering of lawns and landscaping between the hours of 10 a.m. and 6 p.m. An initial violation results in a verbal warning and is followed by a written warning if necessary. Repeated violations can result in fines or the District terminating water service.

Pipeline Replacement

Maintenance of aging waterlines, valves, and fittings with repeated leaks are promptly identified and scheduled for repair or replacement. The priority and schedule of replacement or repair is based upon the severity of the leak and the potential for property damage. The annual maintenance plan is reviewed and adjusted annually.

Reservoir Maintenance

The District Reservoir is maintained on a regular basis. At the end of the irrigation season, the water is drained, any accumulated sediment is removed, and the concrete liner is inspected for damage. Joints and cracks are sealed or re-sealed on an as-needed basis.

Leak Detection

In an effort to conserve water and protect adjacent facilities, the District has installed a leak detection system adjacent to the reservoir. This leak detection system is actually made up of two separate components as follows:

Groundwater Monitoring System - Seven piezometers have been constructed along the north and east sides of the reservoir. Each of the piezometers contains monitoring equipment that automatically detects changes in groundwater elevation, indicating a possible leak. The data is transmitted electronically to a recording device.

Sand Drain - A sand drain system is located under the concrete liner along the northeast sidewall of the reservoir. If water leaks through cracks or joints in the liner, it will travel through the sand drain, where it is captured by a piping system and diverted into a manhole where it is stored. Automatic monitoring equipment continually records water levels in the manhole.

Although changes in groundwater elevations occur and water is occasionally measured in the drain manhole, any water that accumulates in the manhole is mainly due to condensation, seasonal precipitation, and changes in barometric pressure. To date, no significant leaks have been detected.

Water Conservation Learning Garden

Currently, Roy Water Conservancy District is located within the jurisdictional boundary of Weber Basin Water Conservancy District. Weber Basin operates an extensive water conservation learning garden that is open to the public. By visiting the garden or attending classes offered by Weber Basin, individuals can see how to use beautiful water-wise landscaping in a semi-arid environment. Since the Weber Basin garden is so extensive, the District refers customers to this facility.

CONSERVATION PRACTICES

Additional water conservation measures that could be implemented by the District are presented below.

1. **Public Information.** Continue to develop new ways to improve the current public education program. Continue to encourage efficient watering of lawns and gardens, landscaping with drought-resistant plants, and other water-saving practices. If residents can be encouraged through public education to adopt water-saving practices, the water savings can be significant. Research by the Utah Division of Water Resources indicates that a typical household in the Salt Lake City area can reduce outdoor water use by approximately 25,000 gallons per year by efficient watering of lawns and gardens.
2. **Water Conservation Information.** Provide water saving and conservation information to each customer through information posted on the District website. The conservation information specific to the District is provided to each customer by accessing the district website. Other more general information can be found online from the Utah Division of Water Resources at <https://conservewater.utah.gov>. This website also provides links to other water conservation websites.
3. **Universal Metering.** The District will continue to install metering devices on existing District connections in accordance with a plan previously submitted to the Department of Water Resources. In order to install meters on all connections more quickly, a financially viable solution must be made available.

It should be noted that in August of 2013, the District adopted a policy requiring all new developments to install meters on each of their service laterals. The District has also modified its construction standard and specifications accordingly.

4. **Incentive Pricing.** The District currently mails out a regular water use report to those with meters. This report talks about the estimated water need and compares it to the actual use for the month. The District encourages the purchase and installation of a smart controller when replacing an old controller panel. The District also encourages when purchasing a smart controller the use of the rebate program at <https://utahwatersavers.com>.

5. **Water Check Program.** In order to assist customers in developing good conservation practices with regard to watering their landscaped areas, the water check program educates the customer to know how much water their sprinkler system is providing to each area of their landscaping. This information can then be used to set sprinkler timers to the proper time interval, thereby reducing over-watering. The District encourages water users to participate in the water check program by going to <https://cwel.usu.edu/watercheck#:~:text=To%20sign%20up%20for%20a,begin%20work%20in%20the%20spring>. Utah State University will provide assistance in completing the water check.

SECTION 4
PLAN ADOPTION PROCEDURES

SECTION 4 - PLAN ADOPTION PROCEDURES

ADOPTION REQUIREMENTS

In conformance with the requirement of the Act, at a minimum, once every 5 years, the District will devote at least a part of one of its regular board meetings to a discussion of the District's Water Conservation Plan and general conservation issues. Prior to the meeting, there will be reasonable notice of a public hearing. During the public comment portion of the meeting, the Board will allow sufficient time for public comment. Following the public hearing, there will be a discussion of the conservation items listed in the Plan. Following the discussion, the Plan will be formally adopted by the Board. The minutes of the meeting will be added to the Plan, (Appendix F).

NOTIFICATION REQUIREMENTS

A complete copy of the Plan will be delivered to the governing bodies of Roy City, West Haven City, and Hooper City in accordance with U.C.A. Section 73-10-32(2)(a)(iii). A copy of the notification procedure will be included in the Plan, (Appendix F).

WATER CONSERVATION PLAN UPDATE

The water conservation plan will be reviewed and updated periodically. It is recommended that the Plan be reviewed by the District on an annual basis to determine if an update is necessary. Factors to be considered in the annual review include development trends, progress toward conservation goals, water use trends, and the financial stability of the District. The Water Conservation Plan will be updated if significant changes to these factors are noted. An overall update of the water conservation plan is required no less than every 5 years.

REFERENCES

Caldwell, Richards and Sorensen, March 2008. *Roy Water Conservancy District Water Conservation Plan*.

Nolte Associates, Inc., November 2002. *Roy Water Conservancy Sub-District Water Management Plan*.

State of Utah, Division of Water Resources, July 2002. *Identifying Residential Water Use. Survey Results and Analysis of Residential Water Use for Thirteen Communities in Utah*.

State of Utah, Division of Water Resources, 2021. Web Site - <https://conservewater.utah.gov>.

State of Utah, Water Conservation Act, Revised 1999. Utah State Legislature House Bill 153.

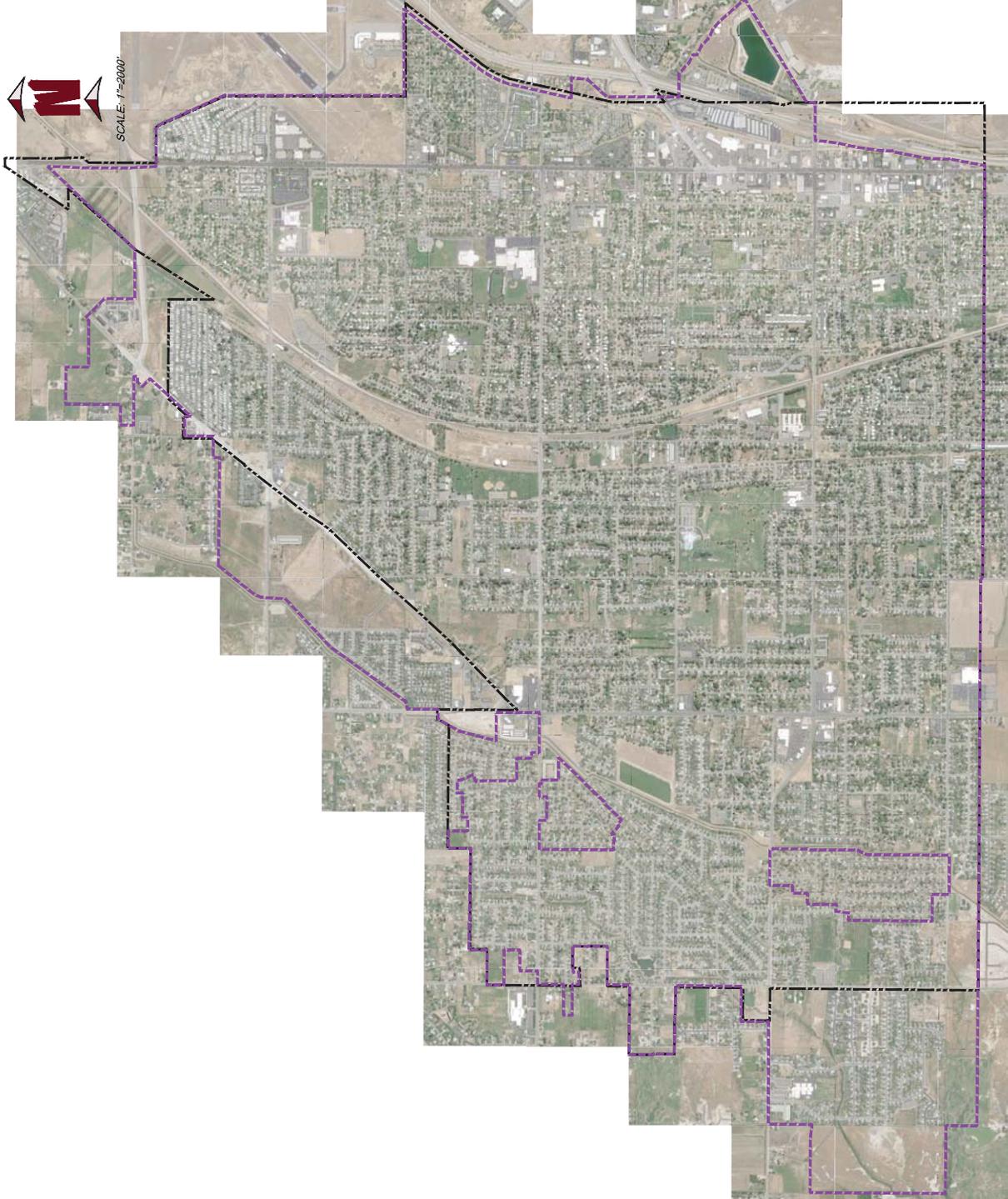
State of Utah, Water Conservation Act, Revised 2007. Utah State Legislature House Bill 65

Wasatch Civil Consulting Engineering, May 2015. *Roy Water Conservancy District Water Conservation Plan*.

Wasatch Civil Consulting Engineering, August 2017. *Roy Water Conservancy District Capital Facilities Plan*.

APPENDIX A
SERVICE AREA MAP

ROY WATER CONSERVANCY DISTRICT



LEGEND

- STUDY AREA LIMITS
- ROY CITY LIMITS

SHEET
1

SERVICE AREA MAP

DESIGNED BY: B.C.L. DATE: MAR. 5, 2021
 DRAWN BY: M.M. SCALE: 1"=2000'
 CHECKED BY: B.C.L.

WASATCH CIVIL
 Consulting Engineering
 450 W. 1000 N., SUITE 200
 RAY, UTAH 84307 (801) 725-9391



APPENDIX B
WATER SYSTEM MAP

APPENDIX C

WATER CONSERVATION TIPS

Note: The following water-saving tips were obtained from the Utah State Division of Water Resources website at <https://conserverwater.utah.gov>.

Tips for Saving Water Outdoors

Try planting drought-tolerant and regionally adapted plants in areas that are hard to water or that receive little use. This may include narrow strips near sidewalks or driveways and steep hills.

Sweep your driveways and sidewalks with a broom instead of spraying them off with a hose.

Check outdoor faucets, pipes, hoses for leaks.

Change your lawnmower to a 3-inch clipping height and try not to cut off more than one-third of the grass height when you mow.

Consider replacing infrequently used lawn areas with low-water-use plants or ground covers.

Apply as little fertilizer to your lawn as possible. Applying fertilizer increases water consumption and actually creates more mowing for you! Use iron-based fertilizers to simply "green-up" your lawn instead.

Tips for Saving Water in your Landscape

Visually inspect your sprinkler system once a month during daylight hours. Check and fix any tilted, clogged, or broken heads. Although watering at night is recommended, you won't notice problems with your system unless you see it in operation.

Avoid watering your landscape during the hottest hours of the day (10 a.m. until 6 p.m.) to minimize evaporation.

Water your landscape in cycles by reducing the number of minutes on your timer and using multiple start times spaced one hour apart. This allows the water to soak into the soil and avoids runoff.

Water your lawn only when it needs it. If you leave footprints on the grass, it is usually time to water.

Turn your sprinkler system off during or after a rainstorm and leave it off until the plants need to be watered again.

Consider installing an automatic rain shutoff device on your sprinkler system.

Install drip irrigation systems for trees, shrubs, and flowers.

Check your sprinkler valves for leaks when checking all your heads.

Avoid watering your lawn on windy days.

Try to add more days between watering. Allowing your lawn to dry out between watering creates deeper roots and allows you to water deeper and less often.

Place a rain gauge in your backyard to monitor rainfall and alter your sprinkling schedule according to rainfall received.

Set a timing device when you water by a hose.

Test soil moisture with a soil probe or screwdriver before you water. If the soil is moist, don't water!

Watch out for broken sprinklers, broken pipes, and any other significant water losses in your community. Be sure to notify the property owner or the water district of the problem.

Make sure the water coming out of your sprinklers is not misting and drifting away in the wind. This is usually caused by too high of pressure. If necessary, install a pressure reducer on your sprinkler line.

Turn back your automatic timers in the spring and fall. Water only once or twice a week during the spring and fall.

Tips for Saving Water when Planting

Plant your garden when temperatures are cooler, and plants require less water. This is also less stressful for the plants.

Use a thick layer of mulch around landscape plants and on bare soil surfaces. This reduces evaporation, promotes plant growth, and reduces weeds.

Collect the runoff from your roof in a barrel and use it on your plants and garden.

Arrange plants in your garden according to watering needs. This is called "Hydro-zoning."

Remove weeds from the garden. This helps cut down on excess water consumption due to plant competition.

Don't overreact and try to drown the brown spots on your lawn. Simply moisten the area up a bit, and the grass will green up in a few days.

Create a compost pile and use it in your yard to add needed nutrients and organic matter to the soil.

Don't over-water your plants. Learn how much water they need and how best to apply just the right amount.

APPENDIX D

WATER USE DISCLOSURE REPORTS

2016 WATER USE DISCLOSURE REPORT

Roy Water Conservancy District

WATER SOURCES

District owned stock:	1,500.5	Shares D & W Stock
Leased Stock:		
Roy City Corporation:	87.0	
Robert Byram & Sons, LLC:	11.0	
Darrell & Lavera Byram	1.0	
Val & Dusty Byram	1.0	
Verl & Ingrid Byram	1.0	
William & Linda Byram	1.0	
Darrell, Kyle, & Lenzy Oleson:	21.0	
Elwood & Kay Zaugg	1.0	
Total leased stock:	<u>124.00</u>	Shares D & W Stock
Other Stock:		
E.B. Golf, LLC	22.0	Shares D&W Stock
TOTAL OF ALL SHARES:	<u>1,646.5</u>	Shares D & W Stock

District Water Sources:

Rate per RWCD Share at 1,500.5 Shares: update

 6 Acre Feet per Share 9,003.0 Acre Feet per Year

Rate per RWCD + Leased Shares + Other Shares at 1,646.5 Shares:

 6 Acre Feet per Share 9,879.0 Acre Feet per Year

Other Water Sources:

Johnson Well:	1.279	Cubic Feet per second	
	1.983	Acre Feet per day	
	<u>183.0</u>	Days of Operation	
		Total from Johnson Well	<u>464.00</u> Acre Feet
Weber Basin Lease:	322	Acre Feet	
	43	Acre Feet	
		Total Weber Basin Lease	<u>365.00</u> Acre Feet
TOTAL OF ALL WATER SOURCES			<u>10,708.00</u> Acre Feet

DISTRIBUTION RATE:

Using D&WCCC Numbers

Daily Rate (6.5 acre feet per share):	1,646.5	Shares	
Flow Rate per Share:	<u>0.0194</u>	Cubic Feet / Second	
Total Cubic Feet per second	31.942	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.0385</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			63.3903 Acre Feet per day

Season Rate:	63.3903	Acre feet per day	
Days of Operation:	<u>169.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			10,713 Acre Feet at .0194 CFS

DISTRIBUTION RATE:

Using RWCD Numbers

Daily Rate (6 acre feet per share):	1,646.5	Shares	
Flow Rate per Share:	<u>0.01653</u>	Cubic Feet / Second	
Total Cubic Feet per second	27.217	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.03279</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			53.989 Acre Feet per day

Season Rate:	53.989	Acre feet per day	
Days of Operation:	<u>183.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			9,880 Acre Feet at .01653 CFS

WATER DELIVERIES:

Meter Readings:

Pump (Upper) System	3,151.4	Acre Feet (RWCD Number)
Gravity (Lower) System	6,677.1	Acre Feet (RWCD Number)
Total for 2016	9,828.5	Acre Feet (RWCD Number)

Water Wheeled to Others:

D&W North Branch	456.8	Acre Feet (RWCD Number)
D&W West Branch		
Kapp	236.4	Acre Feet (RWCD Number)
Butler	105.5	Acre Feet (RWCD Number)
6094 South 3100 West	0.0	Acre Feet (RWCD Number)
West Haven Connection Meter	1,775.5	Acre Feet (RWCD Number)
Total for 2016	2,574.2	Acre Feet (No Adjustments between RWCD and D&WCCC)

update

ACTUAL WATER USE

Total 2016 Meter Readings:	9,828.5	Acre Feet
Less Total Diversions:	<u>2,574.2</u>	Acre Feet
TOTAL RWCD ACRE FEET:	<u>7,254.3</u>	Acre Feet
Total available:	10,244.0	Acre Feet
Total used by RWCD:	<u>7,254.3</u>	Acre Feet
DIFFERENCE:	<u>2,989.7</u>	Acre Feet
	29.2% Savings	

Total available (D&WCCC):	9,880.0	Acre Feet
Total leased to WBWCD (305.0)	1,830.0	Acre Feet
Total used by RWCD:	<u>7,254.3</u>	Acre Feet
DIFFERENCE:	<u>795.7</u>	Acre Feet
	8.1% Savings	

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2016 Water Use Report

Water to Land Allocation:

Acre Feet Sold per Assessment Books:	11,365.5	Acre Feet (update)
Acres within District Boundaries:	5,635	Acres (update)
Acres Being Assessed:	3,552	Acres (update)
Actual Irrigable Area:	2,818	Acres (update)
Distribution Rate (water delivered/irrigable acres):	2.16	Acre Feet per Acre (update)
Conservation Rate (water delivered/actual assessment):	0.54 (based on 3 acre feet per acre) (update)	

Other sources not developed:

Drainage Rights: Approximately 1,815.0 Acre Feet

2017 WATER USE DISCLOSURE REPORT Roy Water Conservancy District

WATER SOURCES

District owned stock:	1,499.0	Shares D & W Stock
Leased Stock:		
Roy City Corporation:	87.0	
Robert Byram & Sons, LLC:	11.0	
Darrell & Lavera Byram	1.0	
Val & Dusty Byram	1.0	
Verl & Ingrid Byram	1.0	
William & Linda Byram	1.0	
Darrell, Kyle, & Lenzy Oleson:	21.0	
Total leased stock:	<u>123.00</u>	Shares D & W Stock
Other Stock:		
E.B. Golf, LLC	22.0	Shares D&W Stock
TOTAL OF ALL SHARES:	<u>1,644.0</u>	Shares D & W Stock

District Water Sources:

Rate per RWCD Share at 1,499.0 Shares: update	
6 Acre Feet per Share	8,994.0 Acre Feet per Year
Rate per RWCD + Leased Shares + Other Shares at 1,644.0 Shares:	
6 Acre Feet per Share	9,864.0 Acre Feet per Year

Other Water Sources:

Johnson Well:	1.279	Cubic Feet per second	
	1.983	Acre Feet per day	
	<u>183.0</u>	Days of Operation	
		Total from Johnson Well	<u>464.00</u> Acre Feet
Weber Basin Lease:	322	Acre Feet	
	43	Acre Feet	
		Total Weber Basin Lease	<u>365.00</u> Acre Feet
TOTAL OF ALL WATER SOURCES			<u>10,693.00</u> Acre Feet

DISTRIBUTION RATE:

Using D&WCCC Numbers

Daily Rate (6.5 acre feet per share):	1,644.0	Shares	
Flow Rate per Share:	<u>0.0194</u>	Cubic Feet / Second	
Total Cubic Feet per second	31.894	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.0385</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			63.294 Acre Feet per day
Season Rate:	63.294	Acre feet per day	
Days of Operation:	<u>169.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			10,697 Acre Feet at .0194 CFS

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2017 Water Use Report

DISTRIBUTION RATE:

Using RWCD Numbers

Daily Rate (6 acre feet per share):	1,644.0	Shares	
Flow Rate per Share:	<u>0.01653</u>	Cubic Feet / Second	
Total Cubic Feet per second	27.175	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.03279</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			53.907 Acre Feet per day

Season Rate:	53.907	Acre feet per day	
Days of Operation:	<u>183.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			9,864 Acre Feet at .01653 CFS

WATER DELIVERIES:

Meter Readings:

Pump (Upper) System	3,453.3	Acre Feet (RWCD Number)
Gravity (Lower) System	5,994.5	Acre Feet (RWCD Number)
Total for 2017	9,447.8	Acre Feet (RWCD Number)

Water Wheeled to Others:

D&W North Branch	428.4	Acre Feet (RWCD Number)
D&W West Branch		
Kapp	223.6	Acre Feet (RWCD Number)
Butler	131.4	Acre Feet (RWCD Number)
6094 South 3100 West	0.0	Acre Feet (RWCD Number)
West Haven Connection Meter	1,962.5	Acre Feet (RWCD Number)
Total for 2017	2,745.9	Acre Feet (No Adjustments between RWCD and D&WCCC)

ACTUAL WATER USE

Total 2017 Meter Readings:	9,447.8	Acre Feet
Less Total Diversions:	2,745.9	Acre Feet
TOTAL RWCD ACRE FEET:	<u>6,701.9</u>	Acre Feet
Total available:	10,229.0	Acre Feet
Total used by RWCD:	6,701.9	Acre Feet
DIFFERENCE:	<u>3,527.1</u>	Acre Feet
	34.5% Savings	

Total available (D&WCCC):	9,864.0	Acre Feet
Total leased to WBWCD (50.0)	300.0	Acre Feet
Total used by RWCD:	6,701.9	Acre Feet
DIFFERENCE:	<u>2,862.1</u>	Acre Feet
	29.0% Savings	

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2017 Water Use Report

Water to Land Allocation:

Acre Feet Sold per Assessment Books:	11,427.08	Acre Feet
Acres within District Boundaries:	5,731	Acres
Acres Being Assessed:	3,595	Acres
Actual Irrigable Area (80%):	2,876	Acres
Distribution Rate (water delivered/irrigable acres):	2.33	Acre Feet per Acre
Conservation Rate (water delivered/actual assessment):	0.59 (based on 3 acre feet per acre)	

Other sources not developed:

Drainage Rights: Approximately 1,815.0 Acre Feet

2018 WATER USE DISCLOSURE REPORT

Roy Water Conservancy District

WATER SOURCES

District owned stock:	1,500.5	Shares D & W Stock
Leased D & W Stock:		
Roy City Corporation:	87.0	
Robert Byram & Sons, LLC:	11.0	
Darrell & Lavera Byram	1.0	
Val & Dusty Byram	1.0	
Verl & Ingrid Byram	1.0	
William & Linda Byram	1.0	
Darrell, Kyle, & Lenzy Oleson:	21.0	
Total leased stock:	<u>123.0</u>	Shares D & W Stock
Other D & W Stock:		
E.B. Golf, LLC	22.0	Shares D & W Stock
TOTAL D & W SHARES:	<u>1,645.5</u>	
District owned stock:	12.0	Shares Wilson Irrigation Stock
TOTAL OF ALL SHARES:	<u>1,657.5</u>	

District Water Sources:

Rate per RWCD Share at 1,500.5 D & W Shares:		
6 Acre Feet per Share	9,003.0	Acre Feet per Year
Rate per RWCD + Leased D & W Shares + Other D & W Shares at 1,645.5 Shares:		
6 Acre Feet per Share	9,873.0	Acre Feet per Year
Rate per RWCD Share at 12.0 Wilson Irrigation Shares:		
3.8 Acre Feet per Share	45.6	Acre Feet per Year

Other Water Sources:

Johnson Well:	1.279	Cubic Feet per second	
	1.983	Acre Feet per day	
	<u>183.0</u>	Days of Operation	
		Total from Johnson Well	<u>464.00</u> Acre Feet

Weber Basin Lease:	322	Acre Feet	
	43	Acre Feet	
		Total Weber Basin Lease	<u>365.00</u> Acre Feet

TOTAL OF ALL WATER SOURCES **10,747.60 Acre Feet**

DISTRIBUTION RATE:

Using D&WCCC Numbers

Daily Rate (6.5 acre feet per share):	1,645.5	Shares	
Flow Rate per Share:	<u>0.0194</u>	Cubic Feet / Second	
Total Cubic Feet per second	31.923	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.0385</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:		63.352	Acre Feet per day
Season Rate:	63.352	Acre feet per day	
Days of Operation:	<u>169.0</u>	Days	
TOTAL ACRE FEET PER SEASON:		10,706	Acre Feet at .0194 CFS

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2018 Water Use Report

DISTRIBUTION RATE:

Using RWCD Numbers

Daily Rate (6 acre feet per share):	1,645.5	Shares	
Flow Rate per Share:	<u>0.01653</u>	Cubic Feet / Second	
Total Cubic Feet per second	27.200	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.03279</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			53.956 Acre Feet per day

Season Rate:	53.956	Acre feet per day	
Days of Operation:	<u>183.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			9,874 Acre Feet at .01653 CFS

WATER DELIVERIES:

Meter Readings:

Pump (Upper) System	3,464.1	Acre Feet (RWCD Number)
Gravity (Lower) System	5,592.3	Acre Feet (RWCD Number)
Total for 2018	9,056.4	Acre Feet (RWCD Number)

Water Wheeled to Others:

D&W North Branch	391.1	Acre Feet (RWCD Number)
D&W West Branch		
Kapp	111.6	Acre Feet (RWCD Number)
Butler	121.6	Acre Feet (RWCD Number)
6094 South 3100 West	0.0	Acre Feet (RWCD Number)
West Haven Connection Meter	2,050.3	Acre Feet (RWCD Number)
Total for 2018	2,674.6	Acre Feet (No Adjustments between RWCD and D&WCCC)

ACTUAL WATER USE

Total 2018 Meter Readings:	9,056.4	Acre Feet
Less Total Diversions:	<u>2,674.6</u>	Acre Feet
TOTAL RWCD ACRE FEET:	<u>6,381.8</u>	Acre Feet
Total available:	10,238.0	Acre Feet
Total used by RWCD:	<u>6,381.8</u>	Acre Feet
DIFFERENCE:	<u>3,856.2</u>	Acre Feet
	37.7% Savings	

Total available (D&WCCC):	9,873.0	Acre Feet
Total leased to WBWCD (220.0)	1,320.0	Acre Feet
Total used by RWCD:	<u>6,381.8</u>	Acre Feet
DIFFERENCE:	<u>2,171.2</u>	Acre Feet
	21.9% Savings	

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2018 Water Use Report

Water to Land Allocation:

Acre Feet Sold per Assessment Books:	11,429.08	Acre Feet
Acres within District Boundaries:	5,731	Acres
Acres Being Assessed:	3,592	Acres
Actual Irrigable Area (80%):	2,874	Acres
Distribution Rate (water delivered/irrigable acres):	2.22	Acre Feet per Acre
Conservation Rate (water delivered/actual assessment):	0.56 (based on 3 acre feet per acre)	

Other sources not developed:

Drainage Rights: Approximately 1,815.0 Acre Feet

2019 WATER USE DISCLOSURE REPORT Roy Water Conservancy District

WATER SOURCES

District owned stock:	1,511.0	Shares D & W Stock
Leased D & W Stock:		
Roy City Corporation:	87.0	
Robert Byram & Sons, LLC:	11.0	
Darrell & Lavera Byram	1.0	
Verl & Ingrid Byram	1.0	
William & Linda Byram	1.0	
Darrell, Kyle, & Lenzy Oleson:	21.0	
E.B. Golf, LLC	22.0	
Total leased stock:	<u>144.0</u>	Shares D & W Stock
TOTAL D & W SHARES:	<u>1,655.0</u>	
District owned stock:	20.5	Shares Wilson Irrigation Stock
TOTAL OF ALL SHARES:	<u>1,675.5</u>	

District Water Sources:

Rate per RWCD Share at 1,511.0 D & W Shares:		
6 Acre Feet per Share	9,066.0	Acre Feet per Year
Rate per RWCD + Leased D & W Shares + Other D & W Shares at 1,655.0 Shares:		
6 Acre Feet per Share	9,930.0	Acre Feet per Year
Rate per RWCD Share at 20.5 Wilson Irrigation Shares:		
3.8 Acre Feet per Share	77.9	Acre Feet per Year

Other Water Sources:

Johnson Well:	1.279	Cubic Feet per second	
	1.983	Acre Feet per day	
	<u>183.0</u>	Days of Operation	
		Total from Johnson Well	<u>464.00</u> Acre Feet
Weber Basin Lease:	322	Acre Feet	
	43	Acre Feet	
		Total Weber Basin Lease	<u>365.00</u> Acre Feet

TOTAL OF ALL WATER SOURCES **10,836.90 Acre Feet**

DISTRIBUTION RATE:

Using D&WCCC Numbers

Daily Rate (6.5 acre feet per share):	1,655.0	Shares	
Flow Rate per Share:	<u>0.0194</u>	Cubic Feet / Second	
Total Cubic Feet per second	32.107	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.0385</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			63.718 Acre Feet per day
Season Rate:	63.718	Acre feet per day	
Days of Operation:	<u>169.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			10,768 Acre Feet at .0194 CFS

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2019 Water Use Report

DISTRIBUTION RATE:

Using RWCD Numbers

Daily Rate (6 acre feet per share):	1,655.0	Shares	
Flow Rate per Share:	<u>0.01653</u>	Cubic Feet / Second	
Total Cubic Feet per second	27.357	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.03279</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			54.267 Acre Feet per day

Season Rate:	54.267	Acre feet per day	
Days of Operation:	<u>183.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			9,931 Acre Feet at .01653 CFS

WATER DELIVERIES:

Meter Readings:

Pump (Upper) System	2,732.4	Acre Feet (RWCD Number)
Gravity (Lower) System	4,283.3	Acre Feet (RWCD Number)
Total for 2019	7,015.7	Acre Feet (RWCD Number)

Water Wheeled to Others:

D&W North Branch	279.8	Acre Feet (RWCD Number)
D&W West Branch		
Kapp	160.8	Acre Feet (RWCD Number)
Butler	98.2	Acre Feet (RWCD Number)
6094 South 3100 West	0.0	Acre Feet (RWCD Number)
West Haven Connection Meter	1,589.2	Acre Feet (RWCD Number)
Total for 2019	2,128.0	Acre Feet (No Adjustments between RWCD and D&WCCC)

ACTUAL WATER USE

Total 2019 Meter Readings:	7,015.7	Acre Feet
Less Total Diversions:	<u>2,128.0</u>	Acre Feet
TOTAL RWCD ACRE FEET:	<u>4,887.7</u>	Acre Feet
Total available:	10,295.0	Acre Feet
Total used by RWCD:	<u>4,887.7</u>	Acre Feet
DIFFERENCE:	<u>5,407.3</u>	Acre Feet
	52.5% Savings	

Total available (D&WCCC):	9,930.0	Acre Feet
Total leased to WBWCD (220.0)	1,320.0	Acre Feet
Total used by RWCD:	<u>4,887.7</u>	Acre Feet
DIFFERENCE:	<u>3,722.3</u>	Acre Feet
	37.5% Savings	

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2019 Water Use Report

Water to Land Allocation:

Acre Feet Sold per Assessment Books:	11,429.08	Acre Feet
Acres within District Boundaries:	5,731	Acres
Acres Being Assessed:	3,592	Acres
Actual Irrigable Area (80%):	2,874	Acres
Distribution Rate (water delivered/irrigable acres):	2.22	Acre Feet per Acre
Conservation Rate (water delivered/actual assessment):	0.56 (based on 3 acre feet per acre)	

Other sources not developed:

Drainage Rights: Approximately 1,815.0 Acre Feet

2020 WATER USE DISCLOSURE REPORT Roy Water Conservancy District

WATER SOURCES

District owned stock:	1,512.5	Shares D & W Stock
Leased D & W Stock:		
Roy City Corporation:	87.0	
Robert Byram & Sons, LLC:	11.0	
Darrell & Lavera Byram	1.0	
Verl & Ingrid Byram	1.0	
William & Linda Byram	1.0	
Darrell, Kyle, & Lenzy Oleson:	21.0	
E.B. Golf, LLC	22.0	
Total leased stock:	<u>144.0</u>	Shares D & W Stock
TOTAL D & W SHARES:	<u>1,656.5</u>	
District owned stock:	20.5	Shares Wilson Irrigation Stock
TOTAL OF ALL SHARES:	<u>1,677.0</u>	

District Water Sources:

Rate per RWCD Share at 1,512.5 D & W Shares:		
6 Acre Feet per Share	9,075.0	Acre Feet per Year
Rate per RWCD + Leased D & W Shares + Other D & W Shares at 1,656.5 Shares:		
6 Acre Feet per Share	9,939.0	Acre Feet per Year
Rate per RWCD Share at 20.5 Wilson Irrigation Shares:		
3.8 Acre Feet per Share	77.9	Acre Feet per Year

Other Water Sources:

Johnson Well:	1.279	Cubic Feet per second	
	1.983	Acre Feet per day	
	<u>183.0</u>	Days of Operation	
		Total from Johnson Well	<u>464.00</u> Acre Feet
Weber Basin Lease:	322	Acre Feet	
	43	Acre Feet	
		Total Weber Basin Lease	<u>365.00</u> Acre Feet
TOTAL OF ALL WATER SOURCES			<u>10,845.90</u> Acre Feet

DISTRIBUTION RATE:

Using D&WCCC Numbers

Daily Rate (6.5 acre feet per share):	1,656.5	Shares	
Flow Rate per Share:	<u>0.0194</u>	Cubic Feet / Second	
Total Cubic Feet per second	32.136	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.0385</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			63.775 Acre Feet per day
Season Rate:	63.775	Acre feet per day	
Days of Operation:	<u>169.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			10,778 Acre Feet at .0194 CFS

DISTRIBUTION RATE:

Using RWCD Numbers

Daily Rate (6 acre feet per share):	1,656.5	Shares	
Flow Rate per Share:	<u>0.01653</u>	Cubic Feet / Second	
Total Cubic Feet per second	27.382	Cubic Feet / Second	
Acre Feet per Day per Share:	<u>0.03279</u>	Acre Feet / Day	
TOTAL ACRE FEET PER DAY:			54.317 Acre Feet per day
Season Rate:	54.317	Acre feet per day	
Days of Operation:	<u>183.0</u>	Days	
TOTAL ACRE FEET PER SEASON:			9,940 Acre Feet at .01653 CFS

WATER DELIVERIES:

Meter Readings:

Pump (Upper) System	3,899.9	Acre Feet (RWCD Number)
Gravity (Lower) System	4,991.1	Acre Feet (RWCD Number)
Total for 2020	8,891.0	Acre Feet (RWCD Number)

Water Wheeled to Others:

D&W North Branch	381.6	Acre Feet (RWCD Number)
D&W West Branch		
Kap	199.8	Acre Feet (RWCD Number)
Pippin	143.8	Acre Feet (RWCD Number)
6094 South 3100 West	0.0	Acre Feet (RWCD Number)
West Haven Connection Meter	2,017.4	Acre Feet (RWCD Number)
Total for 2020	2,742.6	Acre Feet (No Adjustments between RWCD and D&WCCC)

ACTUAL WATER USE

Total 2020 Meter Readings:	8,891.0	Acre Feet
Less Total Diversions:	<u>2,742.6</u>	Acre Feet
TOTAL RWCD ACRE FEET:	<u>6,148.4</u>	Acre Feet
Total available:	10,305.0	Acre Feet
Total used by RWCD:	<u>6,148.4</u>	Acre Feet
DIFFERENCE:	<u>4,156.6</u>	Acre Feet
	40.3% Savings	

Total available (D&WCCC):	9,940.0	Acre Feet
Total leased to WBWCD (220.0)	1,320.0	Acre Feet
Total used by RWCD:	<u>6,148.4</u>	Acre Feet
DIFFERENCE:	<u>2,471.6</u>	Acre Feet
	24.9% Savings	

Page 3
2020 Water Use Report

Water to Land Allocation:

Acre Feet Sold per Assessment Books:	11,627.72	Acre Feet
Acres within District Boundaries:	5,713	Acres
Acres Being Assessed:	3,683	Acres
Actual Irrigable Area (80%):	2,946	Acres
Distribution Rate (water delivered/irrigable acres):	2.09	Acre Feet per Acre
Conservation Rate (water delivered/actual assessment):	0.53 (based on 3 acre feet per acre)	

Other sources not developed:

Drainage Rights: Approximately 1,815.0 Acre Feet

APPENDIX E

WATER CONSERVATION LITERATURE

APPENDIX F

BOARD MEETING MINUTES AND NOTIFICATION PROCEDURES

TO BE INSERTED

MEMORANDUM

TO: Board of Trustees

FROM: Rodney Banks, Manager

DATE: November 12, 2021

SUBJECT: **IV.D. Consideration of Voting Davis and Weber Counties Canal Company Stock at Annual D&WCCC Stockholders Meeting**

The Davis & Weber Counties Canal Company (D&WCCC) has their annual stockholders meeting scheduled for December 20, 2020, at 6:30 p.m. It will be held in person. In previous years, the board has appointed the Chair to vote the District's stock and Vice-Chair and General Manager as alternates in case the Chair is unable to vote the District's shares.

A suggested motion would be, "I move that we appoint the Chair to vote the District's Davis & Weber Counties Canal Company stock and appoint the Vice-Chair and General Manager as alternates."

MEMORANDUM

TO: Board of Trustees

FROM: Rodney Banks, Manager

DATE: November 12, 2021

SUBJECT: **V.C. Manager and Trustees Reports**

The following is a reminder of upcoming meetings and events:

Board Meeting – November 17, 2021, at 5:00 p.m.
Board Meeting – December 8, 2021, at 5:00 p.m.
Public Hearing for Allotment of Water – December 8, 2021, at 6:00 p.m.
Public Hearing for 2022 Budget – December 8, 2021, at 6:00 p.m.
Public Hearing for 2021 Water Conservation Plan – December 8, 2021, at 6:00 p.m.
Christmas Party – December 9, 2021, at 6:00 p.m. at Timbermine
D&WCCC Stockholders Meeting – December 20, 2021, at 6:30 p.m.

The following are possible dates for upcoming meetings and events for the first half of 2022:

Board Meeting – January 12, 2022, at 5:00 p.m.
Board Meeting – February 9, 2022, at 5:00 p.m.
Board Meeting – March 9, 2022, at 5:00 p.m.
Utah Water Law and Workshop – March 21-23, 2022, St. George, UT
Board Meeting – April 13, 2022, at 5:00 p.m.
Board Meeting – May 11, 2022, at 5:00 p.m.
Public Hearing for Allotment of Water – May 11, 2022, at 6:00 p.m.
Board Meeting – June 8, 2022, at 5:00 p.m.
Board Meeting – July 13, 2022, at 5:00 p.m.

As of November 11th, East Canyon is 47% full, Echo Reservoir is 19% full, and the Weber River basin snow water equivalent is 105% of normal. Currently almost 100% of the state of Utah is in severe to exceptional drought condition. As of October 19, 2021, the District's boundaries are back in the extreme drought category.

INTERNAL AUDIT REPORT

NOVEMBER 16, 2021

(OCTOBER 31, 2021 STATEMENTS)

- | YES | No | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Obtain bank statements unopened. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Review checks for unusual payees. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Review signatures on checks for authenticity. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Review any cash transfers or large debit memos for property. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Question any large or unusual checks that you do not remember discussing or approving. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Summarize your questions. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 7. Distribute the report to board members, Child Richards CPAs & Advisors, Rodney Banks, and Linda Toupin. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Obtain replies to questions from Rodney Banks and distribute with the report. |

COMMENTS: OPENED BANK STATEMENTS. BALANCES & CHECKS APPEAR TO BE IN ORDER.

Bank of Utah

1. O & M Account No. [REDACTED]0122: _____
2. C.F. Account No. [REDACTED]1928: _____
3. Weber Basin Account No. [REDACTED]0846: _____

Zions Bank

4. Account No. [REDACTED]9775 (Bond): Account Closed 04-30-2021. _____

PTIF

5. O & M Account No. 1141: _____
6. C.F. Account No. 2340: _____

I have completed the above procedures for the month of November 2021 (October 31, 2021 Statements).



Mark W. Ohlin, Vice-Chair

ZION BANK CREDIT CARDS
INTERNAL AUDIT REPORT

NOVEMBER 16, 2021

(OCTOBER 31, 2021 STATEMENTS)

- | YES | NO | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Obtain credit card statements. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Review statements for unusual charges. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Review receipts for charges. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Question any large or unusual charges not previously discussed or approved during board meeting. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Summarize your questions. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 6. Distribute the report to board members, Child Richards CPAs & Advisors, Rodney Banks, and Linda Toupin. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 7. Obtain replies to questions from Rodney Banks and distribute with the report. |

COMMENTS: CREDIT CARD PURCHASES AND STATEMENTS APPEAR TO BE IN ORDER.

1. Zions Bank Control Account: _____
2. Jay Cottle Credit Card: Card turned in to office on 04-15-2021.
3. Darl Field Credit Card: X
4. Gary Newman Credit Card: X
5. Mark Ohlin Credit Card: Card turned in to office.
6. Chad Zito Credit Card: X
7. Rodney Banks Credit Card: X
8. Phil Durbano Credit Card: X
9. Kent Thurgood Credit Card: X
10. Nathan Doxey Credit Card: X
11. Justin Sandberg Credit Card: * NO CARD
12. Linda Toupin Credit Card: Card turned in to office.
13. Courtney Harris Credit Card: X

I have completed the above procedures for the month of November 2021 (October 31, 2021 Statements).

Mark W. Ohlin
Mark W. Ohlin, Vice-Chair