



**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

**PUBLIC HEARING/BOARD MEETING  
OF THE BOARD OF TRUSTEES  
MAY 10, 2023**

January 11, 2023

February 8, 2023

March 8, 2023

April 12, 2023

May 10, 2023

June 7, 2023

July 12, 2023

August 9, 2023

September 13, 2023

October 11, 2023

November 8, 2023

December 6, 2023



JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

<b>ACRONYM OR ABBREVIATION</b>	<b>DEFINITION</b>
ACH	Automated Clearing House
AF	acre-feet or acre-foot
ASR	Aquifer Storage and Recovery
AWWA	American Water Works Association
AWWAIMS	American Water Works Association Intermountain Section
BABs	Build America Bonds
BCWTP	Bingham Canyon Water Treatment Plant
CDA	Community Development Area
Cfs	cubic feet per second
CID	Copperton Improvement District
CFO	Chief Financial Officer
CRA	Community Reinvestment Area
CRWUA	Colorado River Water Users Association
CUP	Central Utah Project
CUPCA	Central Utah Project Completion Act
CUWCD	Central Utah Water Conservancy District
CWP	Central Utah Water Development Project
CWS	Community Water Systems
DBP	disinfection by-product
DDW	Utah Division of Drinking Water
DEIS	Draft Environmental Impact Statement
DEQ	Utah Department of Environmental Quality
DNR	Utah Department of Natural Resources
DOI	Department of Interior
DWQ	Utah Division of Water Quality
DWRe	Utah Division of Water Resources
DWRi	Utah Division of Water Rights
EA	Environmental Assessment
EIS	Environmental Impact Statement
EOC	Emergency Operations Center
EMOD	Experience Modification Factor
EPA	United States Environmental Protection Agency
ERP	Emergency Response Plan

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

<b>ACRONYM OR ABBREVIATION</b>	<b>DEFINITION</b>
ERU	Equivalent Residential Unit
ET	evapotranspiration
FEMA	Federal Emergency Management Agency
GHID	Granger-Hunter Improvement District
GIS	Geographic Information System
gpcd	gallons per capita per day
gpm	gallons per minute
GWR	Groundwater Rule
HET	high-efficiency toilet
HMI	Human-machine interface
HUD	U.S. Department of Housing and Urban Development
HVAC	Heating, Ventilation and air conditioning
IAP	Incident Action Plan
IC	Incident Commander
ICS	Incident Command System
IFA	Impact Fee Act
I-15	Interstate 15
JA	Jordan Aqueduct
JA-4	Jordan Aqueduct Reach 4
JBWRF	Jordan Basin Water Reclamation Facility
JRC	Jordan River Commission
JIC	Joint Information Center
JNPS	Jordan Narrows Pump Station
JTAC	Jordanelle Technical Advisory Committee
JVWCD	Jordan Valley Water Conservancy District
JVWTP	Jordan Valley Water Treatment Plant
KID	Kearns Improvement District
kW	kilowatt
KUC	Kennecott Utah Copper
KLC	Kennecott Land Company
LO	Liaison Officer
LYRB	Lewis Young Robertson & Burningham
MGD	million gallons per day
MG	million gallons

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

<b>ACRONYM OR ABBREVIATION</b>	<b>DEFINITION</b>
mg/L	milligrams per liter
MIDA	Military Installation Development Authority
M&I	Municipal and Industrial
MOU	Memorandum of Understanding
MVC	Mountain View Corridor
MWD	Magna Water District
MWDSLS	Metropolitan Water District of Salt Lake & Sandy
NEPA	National Environmental Policy Act
O&M	Operation and Maintenance
O,M&R	Operation, maintenance and repair/replacement
OSHA	Occupational Safety and Health Administration
PIO	Public Information Officer
POC	Point of Contact
POMA	Point of the Mountain Aqueduct
POMWTP	Point of the Mountain Water Treatment Plant
ppm	parts per million
PRA	Provo River Aqueduct
PRC	Provo Reservoir Canal
PRP	Provo River Project
PRWC	Provo River Watershed Council
PRWUA	Provo River Water Users Association
PRWUC	Provo Reservoir Water Users Company
PTIF	Public Treasurers Investment Fund
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
RFP	Request for Proposal
RMP	Rocky Mountain Power
RTU	Remote Telemetry Unit
SR-92	State Road 92
SCADA	Supervisory Control and Data Acquisition system
SDWA	Safe Drinking Water Act
SERWTP	Southeast Regional Water Treatment Plant
SLHBA	Salt Lake Home Builders Association
SLVHD	Salt Lake Valley Health Department

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

<b>ACRONYM OR ABBREVIATION</b>	<b>DEFINITION</b>
SO	Safety Officer
SOQ	Statement of Qualification
SVSD	South Valley Sewer District
SWA	Southwest Aqueduct
SWGWTP	Southwest Groundwater Treatment Plant
SWJVGWP	Southwest Jordan Valley Groundwater Project
TBID	Taylorsville Bennion Improvement District
TCR	Total Coliform Rule
TDS	total dissolved solids
TEC	Taxing Entity Committee
UASD	Utah Association of Special Districts
UDC	Utah Data Center
UDOT	Utah Department of Transportation
UIC	Underground injection control
ULFT	ultra low flush toilet
ULS	Utah Lake Drainage Basin Water Delivery System
ULWUA	Utah Lake Water Users Association
UPDES	Utah Pollutant Discharge Elimination System
USBR	United States Bureau of Reclamation
UTA	Utah Transit Authority
UWCF	Utah Water Conservation Forum
UWUA	Utah Water Users Association
WCWCD	Washington County Water Conservancy District
WBWCD	Weber Basin Water Conservancy District
WJWUC	Welby Jacob Water Users Company
WUCC	West Union Canal Company
WCWID	White City Water Improvement District

# **Verification of Legal Notification Requirements**

**PUBLIC HEARING PROCEDURES**

May 10, 2023

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The Board of Trustees periodically conducts hearings in which the public are allowed to participate and to make oral presentations. This public hearing shall be conducted remotely by electronic means and in person. To participate electronically:

- Members of the public who desire to comment during the hearing must participate through the Cisco WebEx Meetings software. The software can be found at <https://www.webex.com/downloads.html>.
- Those who desire to make a comment shall download the Cisco WebEx Meetings software to their computer, tablet, or phone before the hearing and ensure they have a suitable internet connection.
- Members of the public will initially join the hearing as an “Attendee,” where they can only listen to and watch the proceedings. Their microphones will be muted and their video will not be visible to the Board.
- Members of the public shall use the “chat window” to send a message to the Board and indicate the speaker’s name, address, and whom she or he represents.
- Written comments may be submitted prior to the meeting.
- The Board Chair shall determine who will speak during the hearing and admit individuals one-by-one to become a meeting “Panelist,” where they will be given unmuted microphone privileges and, if applicable, video privileges.
- Individuals who only call-in will be unable to make comments but will be able to listen to the hearing.

In order to allow the hearing to proceed orderly, to provide for the fair and efficient use of time allotted for the hearing, and to allow the public to view, to hear, and participate in the hearing, it is necessary to adopt appropriate rules for procedure and decorum. The following rules shall be observed during the hearing before the Board:

1. Speakers shall provide their name, address, and affiliation and address their comments to the Chair. They shall not debate with other meeting Attendees or make personal attacks.
2. A predetermined time limit shall be placed on speakers. A speaker cannot combine his/her time with another (e.g., Speaker “X” cannot give his/her time to Speaker “Y” so that Speaker “Y” has double the time), and redundant comments will not be recognized by the Chair.
3. The hearing is designed for civil discussion. Therefore, attendees shall not jeer, cheer, yell out comments, or clap.
4. After the close of the public comment period, discussion shall be limited to Board members and staff.



**PUBLIC HEARING PROCEDURES**

May 10, 2023

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Agenda

1. Call to order and introduction of visitors
2. Public hearing on the tentative financial plan and budget for fiscal period July 1, 2023, to June 30, 2024, and the tentative wholesale and retail water rates for fiscal period July 1, 2023, to June 30, 2024
  - a. Verification of legal notification requirements
  - b. Motion to open public hearing
  - c. Comments from the Finance Committee Chair
  - d. Staff presentation:
    - i. Review schedule of Board actions
    - ii. Overview of tentative financial plan and budget
    - iii. Tentative retail and wholesale water rates presentation
  - e. Questions from Trustees
  - f. Invitation for public comments
    - i. Acknowledgement of public comments received
    - ii. Comments from visitors
  - g. Close public comment session
  - h. Staff response and summary
  - i. Motion to close public hearing
3. Consider scheduling approval at the June 7, 2023, Board meeting, to be held at 8215 South 1300 West in West Jordan, Utah, of the following items for fiscal year July 1, 2023, to June 30, 2024: adoption of the tentative financial plan and budget; determining and fixing a proposed tax rate; and final adoption of wholesale and retail water rates
4. Approval of common consent items:
  - a. Minutes of the Executive Committee meeting held April 10, 2023; and the Board meeting held April 12, 2023
  - b. Trustees' expenses report for April 2023
5. Consider establishing a water supply availability level
6. Engineering activities
  - a. Consider approval of Master Agreement with Utah Department of Transportation for Bangerter Highway South Interchanges Project

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**PUBLIC HEARING PROCEDURES**

May 10, 2023

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7. Upcoming meetings:
  - a. Conservation Committee meeting, Monday, June 5, at 3:00 p.m.
  - b. Executive Committee meeting, Monday, June 5, at 3:30 p.m.
  - c. Regular Board meeting, Wednesday, June 7, at 3:00 p.m.
8. Adjourn

## NOTICE OF PUBLIC HEARING ON TENTATIVE BUDGET AND PROPOSED RATE INCREASE

The Board of Trustees of the Jordan Valley Water Conservancy District (the “District”) has tentatively adopted a tentative budget for the fiscal year July 1, 2023, through June 30, 2024, including schedules for revenues, operation and maintenance expenditures, bond principal and interest, capital improvements, repair and replacement projects, and all estimates and supporting data required by law or requested by the Board.

The District also intends to propose an increase in the water rates charged to its retail customers, an increase in wholesale water rates charged to certain of its member agencies (these changes are collectively referred to as the “rates”) and to increase various penalties and fees for services.

The Board of Trustees will hold a public hearing on Wednesday, May 10, 2023, at 6:00 P.M., in person at the District’s office at 8215 South 1300 West, West Jordan, Utah 84088, or by electronic means, for the Board and the public on the tentative budget, and proposed rates and fee changes. For information on how to “attend” the public hearing electronically, visit the District’s website at (<https://jvwcd.org/calendar/1548/jvwcd-board-meetingpublic-hearing>).

The tentative budget, including all supporting schedules and data, and summary of proposed rates and fee changes, are public records, and they are available for public inspection during business hours at the District’s office, telephone (801) 565-4300, or on the District’s website ([www.jvwcd.org](http://www.jvwcd.org)), for a period of at least seven (7) days prior to the adoption of a final budget. One of the purposes of the public hearing is to hear public comments regarding the proposed increase of rates and fees and to explain the reasons for the proposed increases.



CERTIFICATE OF DISTRIBUTION OF  
NOTICE OF PUBLIC HEARING

STATE OF UTAH            )  
                                  ) ss  
County of Salt Lake     )

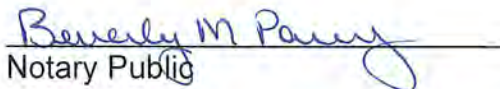
Jeanette Perry, being duly sworn, says:

1. I am the customer service supervisor for Jordan Valley Water Conservancy District (the "District");
2. I provided a Notice of Public Hearing to the District's printing vendor, The Data Center, 1827 Fremont Drive, Salt Lake City, UT 84104, on April 25, 2023, a copy of which is attached hereto as Exhibit A.
3. I received confirmation from The Data Center that it mailed the Notice of Public Hearing to the District's retail water customers by delivering it to the U.S. Postal Service, first class mail, on April 27, 2023.
4. The date the Notice of Public Hearing was mailed was at least seven (7) days before the date of the public hearing before the District's Board of Trustees.

Dated this 27 day of April, 2023.

  
JEANETTE PERRY

Subscribed and sworn to before me on this 27<sup>th</sup> day of April, 2023.

  
Notary Public

My Commission Expires: 02-20-2027



**EXHIBIT A**

Copy of Mailed Notice of Public Hearing



## PUBLIC HEARING TO ADOPT BUDGET AND INCREASE WATER RATES

MAY 10, 2023 at 6pm

Jordan Valley Water Conservancy District  
8215 South 1300 West in West Jordan

April 25, 2023

Dear Valued Water Customer,

Jordan Valley Water Conservancy District (JVWCD) will present the proposed budget and water rates for 2023/2024 at a public hearing on Wednesday, May 10, 2023 at 6pm. The purpose of the presentation is to provide a comprehensive explanation of the proposed water rates and tentative budget for the coming fiscal year, including changes to penalties and fees for services JVWCD provides. All members of the community may attend the hearing to learn, ask questions, and make comments regarding the proposed budget, rates and fees.

JVWCD conducts a water rate study each year and makes adjustments to keep up with inflation, fund conservation programs, develop water sources, and repair existing and build new infrastructure to serve the forecasted growth in our district.

The proposed water rates will result in an overall increase of 7.2% and are listed below. Proposed fee increases are shown on the reverse side of this page. **There are no proposed changes to the monthly meter charge or pricing tier thresholds.** If approved, the proposed rates and fees will take effect on July 1, 2023.

	CURRENT RATES				PROPOSED RATES for 2023/2024			
(Per 1,000 Gallons)	Tier 1	Tier 2	Tier 3	Tier 4	Tier 1	Tier 2	Tier 3	Tier 4
Standard Rate	\$1.58	\$2.38	\$3.57	\$4.39	\$1.70	\$2.56	\$3.84	\$4.71
Riverton Foothills area*	\$1.76	\$2.56	\$3.75	\$4.57	\$1.87	\$2.73	\$4.01	\$4.88
Casto/Upper Willow Creek area*	\$2.14	\$2.94	\$4.13	\$4.95	\$2.38	\$3.24	\$4.52	\$5.39

\* Rates for these areas are different from the standard rate because pumping is required to deliver their water.

Please visit our website at <https://jvwcd.org/about/financials> for more detailed information.

Jordan Valley Water Conservancy District is committed to its mission of delivering quality water and services every day, and ensuring a sustainable water supply into the future. Thank you for your help in conserving this precious resource.

Sincerely,

Jordan Valley Water Conservancy District

The latest instructions on how to participate in the public hearing can be found at: <https://jvwcd.org/calendar/1369/jvwcd-public-hearingboard-meeting>. If you want to leave a comment before the meeting rather than sharing it during the public hearing, call 801-565-4300 or email [customerservicegroup@jvwcd.org](mailto:customerservicegroup@jvwcd.org).

## SUMMARY OF FEES

Proposed fee adjustments in red

	2022/2023 FEES	PROPOSED 2023/2024 FEES						
<b>GRAMA REQUEST FEES</b>								
Paper copies (per sheet)	\$0.25	\$0.25						
Audio copies (per tape)	\$20.00	Remove						
Compact disc copies (per disc)	\$10.00	Remove						
Personnel time (charged in 15 minute increments):								
First 15 minutes	No fee	No fee						
Administrative Assistant (per hour)	\$15.00	\$40.00						
Records Manager (per hour)	\$20.00	\$40.00						
Consultant	Actual cost	Actual cost						
Conversion and mailing costs	Actual cost	Actual cost						
<b>COMMUTING VALUATION FEE</b>								
Employee commuting valuation fee (each way)	\$1.50	\$1.50						
<b>ENCROACHMENT FEES</b>								
Processing fee for easement encroachment applications	\$300.00	\$300.00						
<b>JORDAN AQUEDUCT LICENSE AGREEMENT FEES</b>								
Processing fee for Jordan Aqueduct easement encroachments:								
District fee	\$150.00	\$150.00						
U.S. Bureau of Reclamation fee	\$100.00	\$100.00						
<b>TEMPORARY CONNECTIONS</b>								
Temporary connection fee (actual charges for services rendered)	\$217.00	\$202.00						
Deposit (meter provided by customer)	\$300.00	\$300.00						
Deposit (meter provided by district)	\$1,500.00	\$1,500.00						
<b>LINE EXTENSION</b>								
Cost of extending facilities	Actual cost	Actual cost						
Deposit from applicant	2% of cost	2% of cost						
<b>RETAIL CUSTOMER ACCOUNT FEES</b>								
Past due interest fee	18%	18%						
Collection charge for past due service fee	\$20.00	\$20.00						
Service charge for dishonored checks	\$20.00	\$20.00						
Service restoration fee	\$50.00	\$75.00						
Damage to existing connection	\$50.00	\$75.00						
Unauthorized use of services charge	\$100.00	\$200.00						
Water-efficient landscaping performance bond (per sq. foot)	\$2.00	\$2.00						
<b>FIRE HYDRANTS, FIRE LINES, AND DETECTOR CHECK SYSTEMS</b>								
Installation and materials cost	Actual cost	Actual cost						
Inspecting and maintaining fire lines:								
Initial installation inspection fee	\$100.00	\$100.00						
Annual fire line charges (by meter size)								
2"	\$5.00	\$5.81						
4"	\$30.94	\$35.97						
6"	\$89.89	\$104.48						
8"	\$191.55	\$222.64						
10"	\$344.48	\$400.39						
<b>RETAIL IMPACT AND CONNECTION FEES</b>								
	FISCAL YEAR 2022/2023				FISCAL YEAR 2023/2024			
Meter Size	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee
5/8"	\$2,907	\$311	\$100	\$100	\$2,907	\$370	\$200	\$200
3/4"	\$4,153	\$311	\$100	\$100	\$4,153	\$370	\$200	\$200
1"	\$8,305	\$379	\$100	\$100	\$8,305	\$456	\$200	\$200
1-1/2"	\$16,611	\$673	\$100	\$100	\$16,611	\$781	\$200	\$200
2"	\$26,577	\$881	\$100	\$100	\$26,577	\$841	\$200	\$200
3"	\$64,782	(a)	(a)	\$100	\$64,782	(a)	(a)	\$200
4"	\$118,767	(a)	(a)	\$100	\$118,767	(a)	(a)	\$200
6"	\$237,533	(a)	(a)	\$100	\$237,533	(a)	(a)	\$200
8"	\$472,575	(a)	(a)	\$100	\$472,575	(a)	(a)	\$200

Note: An impact fee for non-standard use is calculated using the formula: Estimated Peak Usage (gpm) x \$4,153 = Impact Fee  
(a) Meters larger than 2" are purchased and installed independently by a contractor.



# **Staff Presentation**



JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

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May 10, 2023

# PUBLIC HEARING

Regarding proposed  
2023/2024 budget and  
water rates

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TENTATIVE FINANCIAL PLAN  
FOR THE 2023/2024 BUDGET



## Public Hearing May 10, 2023



# Overview of Presentation

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- Review schedule of Board actions
- Overview of tentative financial plan and budget for the 2023/2024 fiscal year
- Review of Comprehensive Water Rate Study, for period July 1, 2023 – June 30, 2024
- Questions from Trustees
- Public comments



Public Hearing  
May 10, 2023



# Budget Schedule and Board Actions

**Jan. - Feb.**

Preparation of budget by staff

**Feb. - Mar.**

Water rate analysis and calculation by consultant

**March**

Finance Committee (Board) review of budget/water rates

**April 12<sup>th</sup>**

Tentative budget and water rates approved

**May 10<sup>th</sup>**

Public hearing

**June 7<sup>th</sup>**

Adoption of budget, water rates, and property tax rate

**August 9<sup>th</sup>**

Public hearing for property tax increase (when needed)



**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# 2023/2024 BUDGET OVERVIEW

<b>SOURCES OF FUNDS</b>	2022/2023 Budget	2023/2024 Budget	\$ Change	% Change
Water Sales – Wholesale	\$ 52,554,723	<b>\$ 54,767,689</b>	\$ 2,212,966	4.2%
Water Sales – Retail	6,758,349	<b>7,212,387</b>	454,038	6.7%
Property Tax Revenue	25,650,346	<b>28,735,600</b>	3,085,254	12.0%
Investment Income	1,087,300	<b>3,943,800</b>	2,856,500	262.7%
Impact Fees	512,000	<b>435,000</b>	(77,000)	-15.0%
Other	<u>2,243,093</u>	<u><b>3,575,000</b></u>	<u>1,331,907</u>	<u>59.4%</u>
<b>Subtotal</b>	<b>\$ 88,805,811</b>	<b>\$ 98,669,476</b>	<b>\$ 9,863,665</b>	<b>11.1%</b>
Revenue Stabilization Fund	8,402,108	<b>5,659,489</b>	(2,742,619)	-32.6%
Capital Projects Fund (net)	51,445,090	<b>61,216,008</b>	9,770,918	19.0%
Capital Projects (reimb.)	2,849,431	<b>11,889,642</b>	9,040,211	317.3%
JVCGF Contributions	<u>0</u>	<u>0</u>	<u>0</u>	<u>N/A</u>
<b>Total Sources of Funds</b>	<b><u>\$151,502,440</u></b>	<b><u>\$177,434,615</u></b>	<b><u>\$25,932,175</u></b>	<b><u>17.1%</u></b>





**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# 2023/2024 BUDGET OVERVIEW

<b>USES OF FUNDS</b>	2022/2023 Budget	2023/2024 Budget	\$ Change	% Change
Operation & Maintenance	\$ 55,552,984	<b>\$ 59,725,718</b>	\$ 4,172,734	7.5%
Bond Principal and Interest	23,164,500	<b>25,405,675</b>	2,241,175	9.7%
Transfers to Reserve Funds:				
Replacement Reserve	15,880,435	<b>14,328,572</b>	(1,551,863)	-9.8%
Development Fee	512,000	<b>435,000</b>	(77,000)	-15.0%
General Equipment	900,000	<b>900,000</b>	0	0.0%
Emergency Reserve	100,000	<b>300,000</b>	200,000	200.0%
Interest Alloc. to Funds	698,000	<b>2,734,000</b>	2,036,000	291.7%
Revenue, O&M	400,000	<b>500,000</b>	100,000	50.0%
Total Transfers	<u>18,490,435</u>	<u><b>19,197,572</b></u>	<u>707,137</u>	<u>3.8%</u>
<b>Subtotal</b>	<u>97,207,919</u>	<u><b>104,328,965</b></u>	<u>7,121,046</u>	<u>7.3%</u>
Capital Projects (gross)	54,294,521	<b>73,105,650</b>	18,811,129	34.6%
JVCGF Contrib. Projects	<u>0</u>	<u>0</u>	<u>0</u>	<u>N/A</u>
<b>Total Uses of Funds</b>	<u><b>\$151,502,440</b></u>	<u><b>\$177,434,615</b></u>	<u><b>\$25,932,175</b></u>	<u><b>17.1%</b></u>





**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# 2023/2024 Operation & Maintenance Budget

<b>O&amp;M EXPENSES</b>	2022/2023 Budget	2023/2024 Budget	\$ Change	% Change
Operations Department	\$ 27,841,263	<b>\$ 29,030,525</b>	\$ 1,189,262	4.3%
Maintenance Department	1,891,562	<b>2,159,802</b>	268,240	14.2%
Communications Dept.	2,184,975	<b>3,687,936</b>	1,502,961	68.8%
Information Systems Dept.	1,119,138	<b>1,147,823</b>	28,685	2.6%
Engineering Department	316,439	<b>350,835</b>	34,396	10.9%
Administrative Services	2,667,136	<b>2,936,795</b>	269,659	10.1%
Personnel	<u>19,532,471</u>	<u><b>20,412,002</b></u>	<u>879,531</u>	<u>4.5%</u>
<b>Total O&amp;M Expenses</b>	<u><b>\$ 55,552,984</b></u>	<u><b>\$ 59,725,718</b></u>	<u><b>\$ 4,172,734</b></u>	<u><b>7.5%</b></u>

<b>Largest O&amp;M Increases</b>	<b>Explanation of Increases</b>	<b>Amount</b>
Water Purchases	Central Utah Water Conservancy District price increases for water	\$ 791,955
Chemicals	Price increases on various chemicals for water treatment	391,503
Repair & Replacement	Price increases on repair parts, increase in critical parts inventory	173,100
Conservation Programs	Salt Lake Co. Municipal Grant Program and higher Utah Water Savers part.	1,492,157
Insurance	Premium increases for property and liability insurance coverage	174,670
Personnel	Pay raises for employees, four new positions, health insurance premiums	879,531



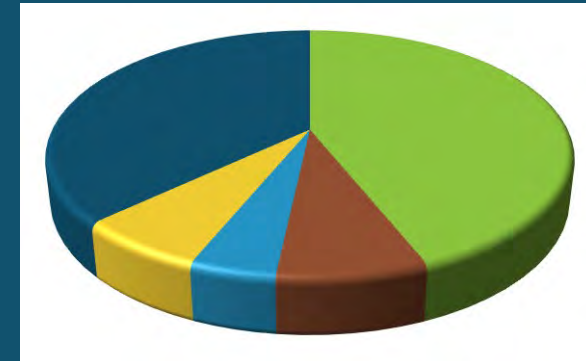


**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# 2023/2024 General Equipment Budget

<b>GENERAL EQUIPMENT</b>	2022/2023 Budget	2023/2024 Budget	\$ Change	% Change
■ Conservation Assets	\$ 50,000	\$ <b>625,000</b>	\$ 575,000	1150.0%
■ IS Equipment	111,000	<b>111,000</b>	0	0.0%
■ Telemetry Equipment	64,000	<b>64,000</b>	0	0.0%
■ General Equipment	227,800	<b>97,000</b>	(130,800)	-57.4%
■ New Vehicles	<u>450,300</u>	<u><b>526,000</b></u>	<u>75,700</u>	<u>16.8%</u>
<b>Total General Equipment</b>	<u>\$ 903,100</u>	<u><b>\$ 1,423,000</b></u>	<u>\$ 519,900</u>	<u>57.6%</u>

<b>Largest Gen. Equip. Items</b>	<b>Description</b>	<b>Amount</b>
Garden Park frontage project	Phase 1 frontage project – park strip, frontage planting, entry signs	\$ 500,000
Network & storage servers	Scheduled replacement of computer servers	111,000
Utility tractor & rotary cutter	Larger equipment needs for grounds maintenance	60,000
Light duty pickup trucks	Three replacement vehicles and one truck for new position	206,000
Utility truck and attachments	To replace ¾ ton utility truck, with utility bed and equipment	75,000
1 ton dump truck and body	To replace 1 ton dump truck	90,000
Valve turning/vactor body	Service body for vactor truck purchased prior year	155,000





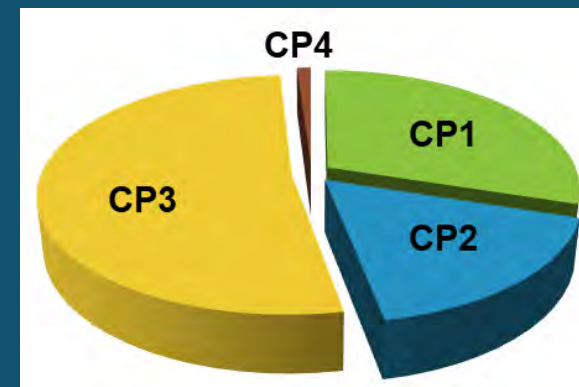


**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# 2023/2024 Capital Projects Budget

<b>CAPITAL PROJECTS</b>	2022/2023 Budget	2023/2024 Budget	\$ Change	% Change
CP1: Major rehabilitation or replacement of existing facilities	\$ 19,880,435	<b>\$ 18,328,572</b>	\$ (1,551,863)	-7.8%
CP2: New facilities needed for compliance or functional upgrades (no new capacity)	7,062,654	<b>10,445,086</b>	3,382,432	47.9%
CP3: New water supply, treatment, conveyance, or storage facilities (new capacity)	23,897,001	<b>31,792,350</b>	7,895,349	33.0%
CP4: Projects to serve lands currently outside current boundaries	<u>605,000</u>	<u>650,000</u>	<u>45,000</u>	<u>7.4%</u>
<b>Total Capital Projects</b>	<b><u>\$ 51,445,090</u></b>	<b><u>\$ 61,216,008</u></b>	<b><u>\$ 9,770,918</u></b>	<b><u>19.0%</u></b>

Capital Project Category	Major Capital Projects Included in Budget	Amount
CP1	Distribution and transmission pipeline replacements	\$ 7,750,000
CP1	Storage reservoir paint coating replacement	4,000,000
CP1	JVWTP sedimentation basins equipment replacement	2,114,285
CP2	JVWTP floc/sed basins seismic and process upgrades and capacity incr.	2,427,857
CP3	JVWTP expansion from 180MGD to 255MGD	9,000,000
CP3	5200 West 6200 South 5MG reservoir	6,700,000
CP3	U-111 12200 South 6MG reservoir and pipeline extension	4,000,000





## Public Hearing May 10, 2023



# JVWCD Tax Rate for 2023/2024

- Actual Certified Tax Rate isn't received from Salt Lake County Auditor's office until June
  - Current Tax Rate is 0.000319
  - Estimated Certified Tax Rate is 0.000345
- A tax rate increase is included in the 2023/2024 tentative budget of approximately 9%, or enough to generate \$2,313,000 of tax revenue
- A Truth-in-Taxation public hearing will be considered for August 9



JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

# PROPERTY TAX HISTORICAL SUMMARY

## Certified/Adopted Property Tax Rates



## Property Tax Revenues (Fiscal Year)





# 2023/2024 WATER RATE REVIEW

## Summary of Fees

	2022/2023 Fees	2023/2024 Fees		2022/2023 Fees	2023/2024 Fees
<b>GRAMA REQUEST FEES</b>			<b>TEMPORARY CONNECTIONS</b>		
Copies:			Temporary connection fee:		
Paper (per sheet)	\$ 0.25	\$ 0.25	Actual charges for services rendered	217.00	202.00
Audio tape (per tape)	20.00	Remove	Deposit (meter provided by customer)	300.00	300.00
Compact Disc (per disc)	10.00	Remove	Deposit (meter provided by District)	1,500.00	1,500.00
Personnel time			<b>LINE EXTENSION</b>	Applicant	<b>Applicant</b>
First 15 minutes	No fee	No fee	Cost of extending facilities	pays all exp.	pays all exp.
Administrative Assist. (per hour)	15.00	40.00	Deposit from applicant	2% of cost	2% if cost
Records Manager (per hour)	20.00	40.00	<b>FIRE HYDRANTS, FIRE LINES, AND DETECTOR</b>		
Consultant	Actual cost	Actual cost	<b>CHECK SYSTEMS</b>	Actual cost	Actual cost
Conversion and mailing costs	Actual cost	Actual cost	Installation and materials cost	paid by cust.	paid by cust.
<b>COMMUTING VALUATION FEE</b>			Initial installation inspection fee	\$ 100.00	\$ 100.00
Commuting valuation fee (each way)	1.50	1.50	<b>RETAIL CUSTOMER ACCOUNT FEES</b>		
<b>ENCROACHMENT FEES</b>			Past due interest fees	18%	18%
Processing fee for easement			Collection charge for past due service fee	20.00	20.00
encroachment applications	300.00	300.00	Service charge for dishonored checks	20.00	20.00
<b>JORDAN AQUEDUCT LICENSE AGREEMENT</b>			Service restoration fee	50.00	75.00
Processing fee for Jordan Aqueduct			Damage to existing connection	50.00	75.00
easement encroachments			Unauthorized use of services charge	100.00	200.00
District fee	150.00	150.00	Water-efficient landscaping perf. bond	2.00	2.00
U.S. Bureau of Reclamation fee	100.00	100.00		per sq. foot	per sq. foot



# 2023/2024 WATER RATE REVIEW

## Summary of Impact and Connection Fees

Meter Size	FISCAL YEAR 2022/2023				FISCAL YEAR 2023/2024			
	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee
5/8"	\$ 2,907	\$ 311	\$ 100	\$ 100	\$ 2,907	\$ 370	\$ 200	\$ 200
3/4"	4,153	311	100	100	4,153	370	200	200
1"	8,305	379	100	100	8,305	456	200	200
1-1/2"	16,611	673	100	100	16,611	781	200	200
2"	26,577	881	100	100	26,577	841	200	200
3"	64,782	(a)	(a)	100	64,782	(a)	(a)	200
4"	118,767	(a)	(a)	100	118,767	(a)	(a)	200
6"	237,533	(a)	(a)	100	237,533	(a)	(a)	200
8"	472,575	(a)	(a)	100	472,575	(a)	(a)	200

Note: An impact fee for non-standard use can be calculated by the District using the following formula:

$$\text{Estimated Peak Usage (gpm)} \times \$4,153 = \text{Impact Fee}$$

a) Meters larger than 2" are purchased independently by, and installed by, a contractor.



## Public Hearing May 10, 2023



# Retail & Wholesale Water Rates

- Water Rate Study was performed by HDR Engineering
- An overall 5.0% water rate increase is budgeted for the 2023/2024 fiscal year
  - Wholesale member agencies range from -3.7% to 6.4%
  - Retail customers receive 7.2% adjustment
- Tiered rate for retail customers / wholesale uniform rate
- Annual Member Agency Meeting was held on April 26, 2023
- Proposed water rates and public hearing information were mailed to all retail customers

**Water Rate Update Presented by:  
Shawn Koorn**

# Water Rate Study Results

May 10, 2023





## Overview of the Presentation

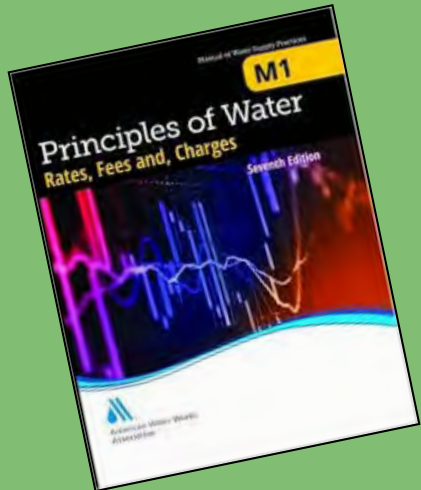
- Overview of the rate study process
- Reviewing three components of the study:
  - Revenue Requirement (overall system rate adjustment)
  - Cost of Service (Individual class adjustments)
  - Rate design (rates for each class of service)
- Review the proposed rates
- Receive Board direction

## March Board Meeting Summary

- Reviewed and discussed overall system adjustment and preliminary cost of service results
- Board provided direction
  - 5.0% overall rate adjustment
  - Developed the cost of service analysis
  - Developed proposed rates base don cost of service results

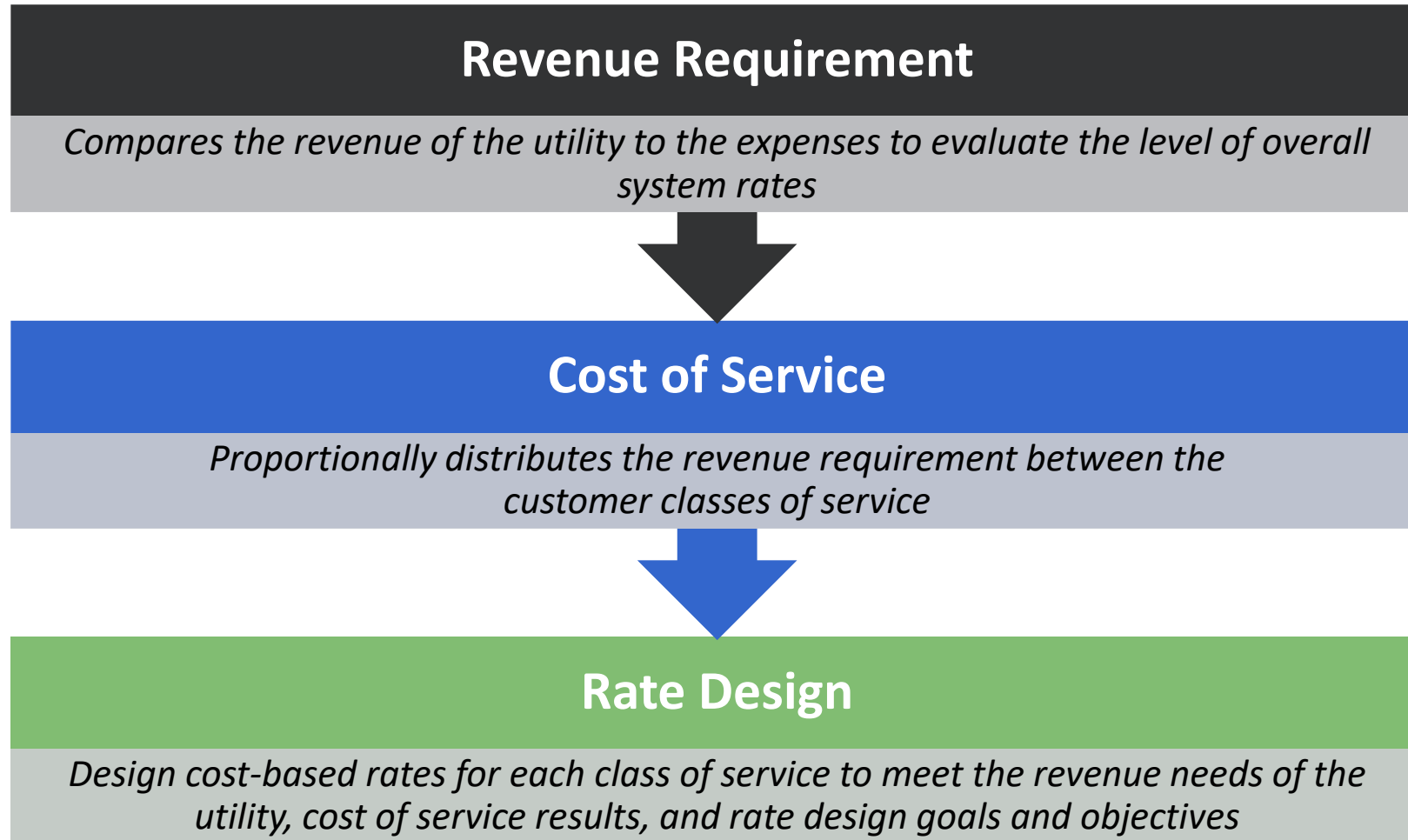
# Overview of the Rate Setting Process

## District's Past Rate Setting Practices



- Annually updated using generally accepted methodologies
- Methodology is based on the contractual agreements with the member agencies
- Contractual agreements provide guidance on cost of service methodology
- This study is a continuation of the District's prior rate setting practices

# Overview of the Rate Setting Process



# Revenue Requirement

# Revenue Requirement – Overview

Compares revenues  
to expenses

- **Determines the level of revenue adjustment necessary**
- **Revenues (rates) need to support operations and capital**

Uses prudent  
financial planning  
criteria

- **Adequate funding for renewal and replacement**
- **Maintain prudent reserve levels**
- **Meet debt service coverage ratios (legal requirement)**

Reviews a specific  
time period

- **Typically a ten-year period for the District**
- **Rate setting for a one-year period**

Utilizes the “cash  
basis” methodology

- **Generally accepted method for municipal utilities**
- **Historical District approach to establish water rates**

# Revenue Requirement Key Assumptions

- Revenues are based on the projected sales for FY 2023/24 at current rate levels
  - 102,000 acre feet (Four-year avg. customer consumption)
- Starting point for O&M is the FY 2023/24 budget
  - O&M is projected by inflationary factors
- Capital improvement plan
  - Current 10-year plan
  - Target funding renewals and replacements through annual rates
  - Remaining capital funded through periodic long-term debt
- Maintain prudent financial planning criteria
- HDR independently reviewed the need for revenue adjustments



# Revenue Requirement – 10 Year Capital Improvement Plan (\$1,000s)

Capital Project Budget	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28	FY 2028/29	FY 2029/30	FY 2030/31	FY 2031/32	FY 2032/33
Renewals and Replacements	\$18,329	\$14,276	\$16,219	\$19,389	\$16,778	\$19,122	\$13,045	\$14,749	\$14,094	\$14,881
All Other Capital	44,310	82,677	56,922	35,733	26,470	19,753	12,422	18,080	14,766	4,607
<b>Total Capital Expenses</b>	<b>\$62,639</b>	<b>\$96,953</b>	<b>\$73,141</b>	<b>\$55,122</b>	<b>\$43,248</b>	<b>\$38,875</b>	<b>\$25,467</b>	<b>\$32,829</b>	<b>\$28,860</b>	<b>\$19,488</b>
<b>Sources of Capital Funding</b>										
From Capital Fund/Bond Proceeds	\$50,615	\$81,844	\$56,485	\$37,964	\$22,946	\$18,572	\$4,431	\$10,624	\$10,179	\$608
From Revenue Stabilization Fund	0	0	0	0	0	0	0	0	0	0
From Developmental Fee Fund	0	0	0	0	0	0	0	0	0	0
From General Equipment Fund	1,423	900	900	900	900	900	900	900	900	900
From Conservation Fund	0	0	0	0	0	0	0	0	0	0
From Emergency Reserve Fund	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0
Loans	0	0	0	0	0	0	0	0	0	0
Wholesale Capital Charge (Impact Fee)	0	0	0	0	0	0	0	0	0	0
Connection Fees	512	435	435	435	435	435	435	435	435	435
Reimbursements (State/Kennecott)	0	0	0	0	0	0	0	0	0	0
New Debt Issue	0	0	0	0	0	0	(0)	(0)	(0)	(0)
<b>Rate Funded Capital</b>	<b>10,088</b>	<b>13,774</b>	<b>15,321</b>	<b>15,823</b>	<b>18,967</b>	<b>18,968</b>	<b>19,701</b>	<b>20,870</b>	<b>17,346</b>	<b>17,545</b>
<b>Total Sources of Capital Funding</b>	<b>\$62,639</b>	<b>\$96,953</b>	<b>\$73,141</b>	<b>\$55,122</b>	<b>\$43,248</b>	<b>\$38,875</b>	<b>\$25,467</b>	<b>\$32,829</b>	<b>\$28,860</b>	<b>\$19,488</b>

# Summary of the Revenue Requirement Analysis

(\$1,000s)

	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28	FY 2028/29	FY 2029/30	FY 2030/31	FY 2031/32	FY 2032/33
<b>Revenues</b>										
Total Rate Revenues (excludes Pump Zone Re	\$57,232	\$62,696	\$63,501	\$64,144	\$64,786	\$65,429	\$66,071	\$66,714	\$67,356	\$67,999
Total Miscellaneous Revenues	33,955	34,426	36,176	36,830	37,495	38,171	38,860	39,561	40,274	41,000
<b>Total Revenues</b>	<b>\$91,188</b>	<b>\$97,122</b>	<b>\$99,678</b>	<b>\$100,974</b>	<b>\$102,281</b>	<b>\$103,600</b>	<b>\$104,931</b>	<b>\$106,274</b>	<b>\$107,630</b>	<b>\$108,998</b>
<b>Expenses</b>										
O&M Expenses	\$57,839	\$60,283	\$62,589	\$64,975	\$67,442	\$70,165	\$72,662	\$78,523	\$81,189	\$83,944
Capital Outlays from Rates	10,088	13,774	15,321	15,823	18,967	18,968	19,701	20,870	17,346	17,545
Debt Service	25,406	29,074	32,123	31,227	32,167	31,968	31,475	32,389	32,854	33,866
Change in Working Capital	6,140	2,735	2,535	2,035	2,035	2,035	2,035	2,035	2,035	2,035
Revenue Stabilization Funds	(5,424)	(2,590)	(3,831)	(3,357)	(2,000)	(2,356)	(2,000)	(2,000)	(2,000)	(2,000)
<b>Total O &amp; M Expense</b>	<b>\$94,049</b>	<b>\$103,276</b>	<b>\$108,737</b>	<b>\$110,704</b>	<b>\$118,611</b>	<b>\$120,780</b>	<b>\$123,874</b>	<b>\$131,817</b>	<b>\$131,424</b>	<b>\$135,390</b>
<i>Bal. / (Def.) of Funds</i>	<i>(\$2,862)</i>	<i>(\$6,154)</i>	<i>(\$9,059)</i>	<i>(\$9,730)</i>	<i>(\$16,330)</i>	<i>(\$17,180)</i>	<i>(\$18,942)</i>	<i>(\$25,542)</i>	<i>(\$23,794)</i>	<i>(\$26,392)</i>
<b>Cumulative Balance as a % of rates</b>	<b>5.0%</b>	<b>9.8%</b>	<b>14.3%</b>	<b>15.2%</b>	<b>25.2%</b>	<b>26.3%</b>	<b>28.7%</b>	<b>38.3%</b>	<b>35.3%</b>	<b>38.8%</b>
<b>Assumed Annual Adjustments</b>	<b>5.0%</b>	<b>4.5%</b>	<b>4.5%</b>	<b>4.3%</b>	<b>2.5%</b>	<b>2.2%</b>	<b>2.0%</b>	<b>2.0%</b>	<b>2.0%</b>	<b>2.0%</b>
<b>Debt Service</b>										
<b>Coverage Ratios</b>										
Before Rate Adjustment	1.33	1.28	1.17	1.17	1.10	1.06	1.04	0.87	0.82	0.75
After Proposed Adjustment	1.45	1.49	1.46	1.57	1.55	1.58	1.62	1.50	1.49	1.47

## Revenue Requirement Summary

- Rate revenues are projected to be deficient during the ten-year review period
  - Annual revenue adjustments are necessary to fund the Districts O&M and Capital Costs
  - Use of rate stabilization revenues is a one-time reduction to rates
  - Future revenue adjustments will vary depending on future O&M and capital and availability of revenue stabilization funds
- Deficiencies are primarily the result of capital improvement needs
  - Annual debt service payments
  - Prudent funding of capital through rates
  - Maintaining adequate debt service coverage ratios
- An annual adjustment is prudent to meet operating and capital funding needs
  - Reflects the District's historical rate-setting philosophy

# Cost of Service

# Cost of Service Overview

## What is cost of service?

- Analysis to proportionally distribute the revenue requirement to the customer classes (Retail and individual Wholesale Member Agencies)

## Why cost of service?

- Generally accepted as “fair and equitable”
- Avoids subsidies
- Revenues track costs
- Provides an accurate price signal

## Objectives of cost of service

- Determine if subsidies exist
- Develop average unit costs

## Cost of Service Key Assumptions

- Maintained historical cost allocation methodology
  - Consistent with generally accepted approaches
  - Utilizes “base-extra capacity” methodology
- Allocated FY 2023/24 costs for the rate setting period
- Cost allocation process is contractually driven
  - Based on measured peak day and peak hour demands
- Specific budget line items are split between retail and member agencies and functional category (transmission, distribution, etc.)
  - Repair and replacement, personnel, public relations
- Pump charges are in addition to the non-pumped rates
- Unit costs are used to develop proposed rates

# Cost of Service Projected Consumption

	Base Consumption	
	FY 2023/24	
	2022	2023
Retail - Tier 1	2,980	3,000
Retail - Tier 2	2,302	2,317
Retail - Tier 3	1,634	1,645
Retail - Tier 4	684	688
Bluffdale	3,450	3,600
Draper City	4,350	4,400
Draper Irrigation	1,000	1,100
Granger-Hunter	18,500	18,600
Herriman	5,900	5,800
Hexcel	650	720
Kearns	7,500	7,800
Magna	800	800
Midvale	3,100	3,100
Riverton	4,600	4,500
South Jordan	18,000	17,000
South Salt Lake	1,020	1,020
State Corrections	500	500
Taylorsville-Bennion	4,700	4,700
West Jordan	20,000	20,400
Willow Creek	330	310
	-----	-----
<b>Total Consumption</b>	<b>102,000</b>	<b>102,000</b>

# Cost of Service – Peak Day Factors

						Average	
	2018	2019	2020	2021	2022	2022	2023
Retail	2.02	2.25	1.85	2.20	2.04	2.03	2.03
Bluffdale	2.17	2.59	2.02	2.02	1.92	2.07	1.98
Draper City	2.15	2.70	2.25	2.26	2.22	2.22	2.24
Draper Irrigation	5.51	4.38	5.26	3.29	3.00	4.31	3.55
Granger-Hunter	2.33	2.27	2.03	2.01	2.07	2.10	2.04
Herriman	2.62	2.64	2.19	2.23	2.48	2.35	2.30
Hexcel	1.22	1.21	1.00	1.24	1.15	1.14	1.12
Kearns	2.08	2.46	2.20	2.30	2.04	2.19	2.18
Magna	1.00	1.06	1.00	1.00	1.03	1.00	1.01
Midvale	2.96	2.14	1.78	1.91	2.11	1.94	1.94
Riverton	1.91	1.89	1.66	1.50	1.43	1.68	1.53
South Jordan	2.29	2.67	2.11	2.09	2.21	2.16	2.14
South Salt Lake	1.10	1.06	1.62	1.00	1.00	1.05	1.02
State Corrections	1.00	1.08	1.00	1.00	1.00	1.00	1.00
Taylorsville-Bennion	1.00	1.00	1.01	1.00	1.00	1.00	1.00
West Jordan	1.84	2.45	1.93	2.02	2.00	1.93	1.98
Willow Creek	3.06	3.06	2.58	3.19	2.60	2.90	2.74

*\*Four Year Average Peak Less Highest Value, Based on Peak Day/Hour Factors; Provided By District*

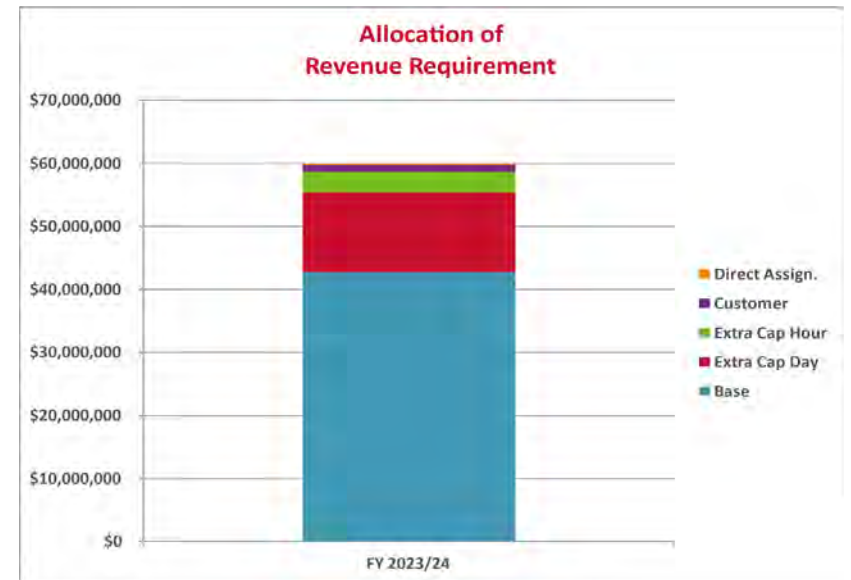
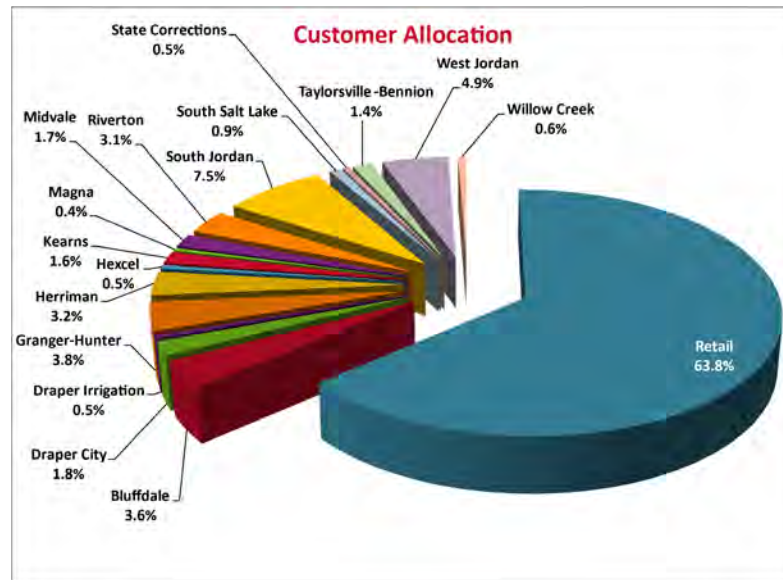
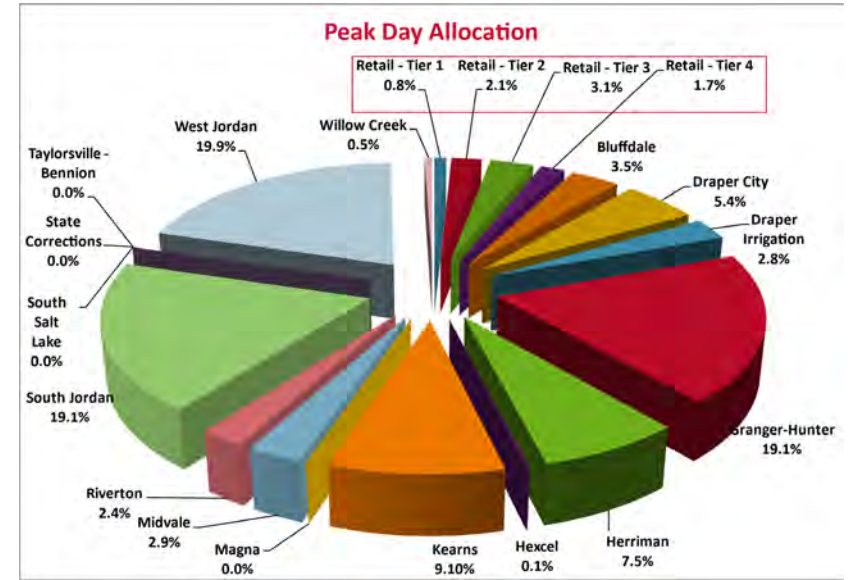
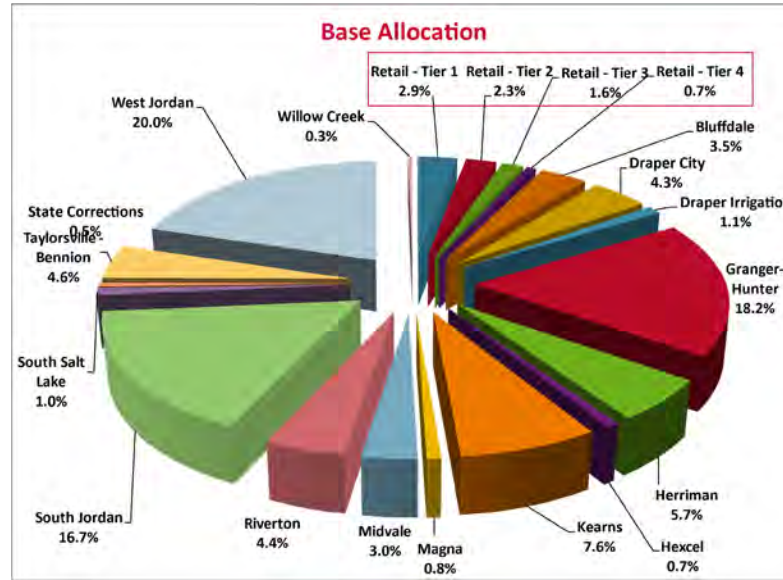


# Cost of Service – Peak Hour Factors

	2018	2019	2020	2021	2022	Average	
						2022	2023
Retail	2.23	2.41	2.03	2.32	2.04	2.19	2.13
Bluffdale	3.99	3.29	3.18	2.53	1.92	3.00	2.54
Draper City	2.15	2.70	2.25	2.26	2.22	2.22	2.24
Draper Irrigation	6.18	4.61	5.26	4.31	3.01	4.73	3.98
Granger-Hunter	3.64	3.01	2.64	2.80	2.72	2.82	2.72
Herriman	4.25	4.29	3.61	3.83	4.10	3.90	3.85
Hexcel	1.47	1.21	1.00	1.59	1.19	1.23	1.13
Kearns	3.16	3.23	2.62	2.65	2.94	2.81	2.74
Magna	1.00	1.06	1.00	1.00	1.06	1.00	1.02
Midvale	10.15	2.14	1.78	1.91	2.11	1.94	1.94
Riverton	2.56	2.15	1.77	1.76	1.53	1.89	1.68
South Jordan	2.29	2.83	2.31	2.28	2.42	2.30	2.34
South Salt Lake	1.34	1.06	1.62	1.00	1.00	1.13	1.02
State Corrections	1.00	1.08	1.00	1.00	1.00	1.00	1.00
Taylorsville-Bennion	1.30	1.00	1.02	1.00	1.00	1.01	1.00
West Jordan	2.71	2.98	2.29	2.56	2.36	2.52	2.40
Willow Creek	1.00	1.00	3.79	5.63	2.60	1.93	2.46

*\*Four Year Average Peak Less Highest Value, Based on Peak Day/Hour Factors; Provided By District*

# Cost of Service - Summary of the Allocation Factors



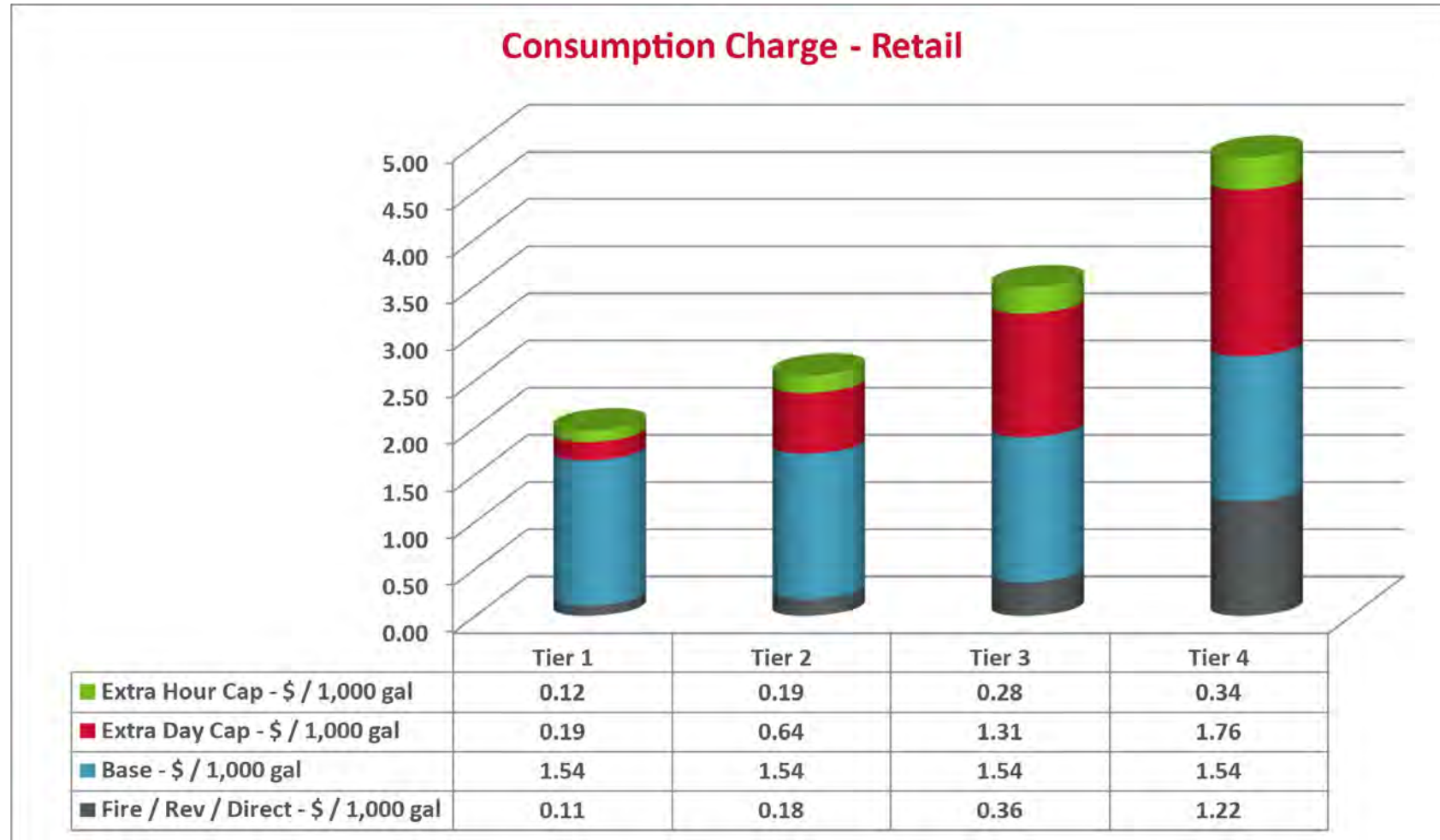
# Preliminary Cost of Service Summary (\$1,000s)

	FY 2023/24 [1]	Retail	Bluffdale	Draper City	Draper Irrigation	Granger-Hunter	Herriman	Hexcel	Kearns
Revenue at Present Rates	\$57,232	\$6,659	\$2,055	\$2,352	\$852	\$10,386	\$3,682	\$304	\$4,394
Net Allocated Revenue Requirements	\$60,094	\$7,137	\$2,066	\$2,470	\$820	\$10,833	\$3,918	\$314	\$4,606
Subtotal Balance/(Deficiency) of Funds	(\$2,862)	(\$478)	(\$10)	(\$119)	\$32	(\$446)	(\$236)	(\$10)	(\$212)
<b>% Change over Present Rates</b>	<b>5.0%</b>	<b>7.2%</b>	<b>0.5%</b>	<b>5.1%</b>	<b>-3.7%</b>	<b>4.3%</b>	<b>6.4%</b>	<b>3.2%</b>	<b>4.8%</b>

	FY 2023/24 [1]	Magna	Midvale	Riverton	South Jordan	South Salt Lake	State Corrections	Taylorsville-Bennion	West Jordan
Revenue at Present Rates	\$57,232	\$320	\$1,564	\$2,190	\$9,096	\$420	\$202	\$1,864	\$10,863
Net Allocated Revenue Requirements	\$60,094	\$337	\$1,633	\$2,208	\$9,566	\$432	\$213	\$1,952	\$11,390
Subtotal Balance/(Deficiency) of Funds	(\$2,862)	(\$17)	(\$69)	(\$18)	(\$470)	(\$12)	(\$10)	(\$88)	(\$527)
<b>% Change over Present Rates</b>	<b>5.0%</b>	<b>5.4%</b>	<b>4.4%</b>	<b>0.8%</b>	<b>5.2%</b>	<b>2.8%</b>	<b>5.1%</b>	<b>4.7%</b>	<b>4.9%</b>

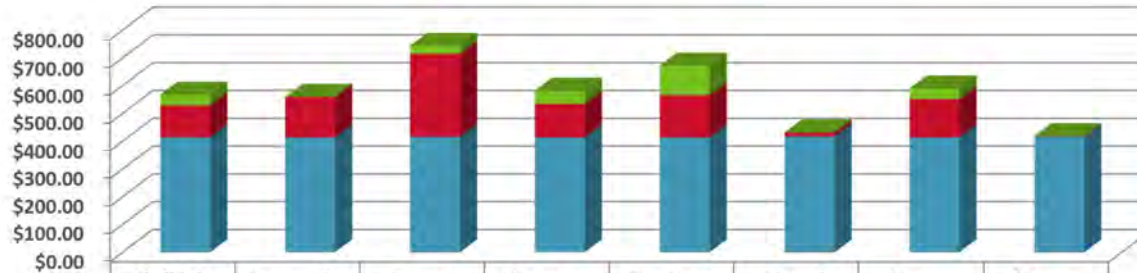
[1] - Totals include Willow Creek. Willow Creek not shown since rate set by court decree.

# Cost of Service – Retail Unit Cost by Component



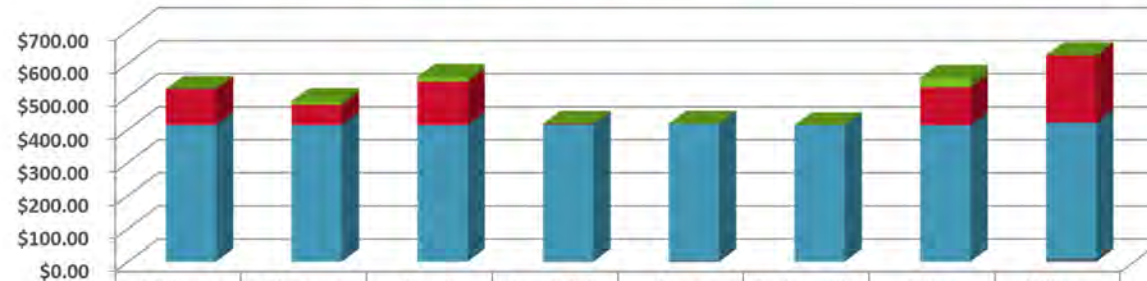
# Cost of Service – Wholesale Unit Cost by Component

Consumption Charge - Wholesale



	Bluffdale	Draper City	Draper Irrigation	Granger-Hunter	Herriman	Hexcel	Kearns	Magna
■ Extra Hour Cap - \$ / AF	\$38.39	\$0.00	\$29.20	\$47.05	\$106.52	\$0.96	\$38.34	\$0.62
■ Extra Day Cap - \$ / AF	\$114.92	\$145.22	\$298.35	\$121.08	\$151.92	\$13.88	\$137.76	\$1.15
■ Base - \$ / AF	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70
■ Fire / Rev / DA - \$ / AF	\$0.72	\$0.59	\$2.35	\$0.14	\$0.45	\$3.59	\$0.33	\$3.23

Consumption Charge - Wholesale



	Midvale	Riverton	South Jordan	South Salt Lake	State Corrections	Taylorsville -Bennion	West Jordan	Willow Creek
■ Extra Hour Cap - \$ / AF	\$0.00	\$10.65	\$14.11	\$0.00	\$0.00	\$0.00	\$28.86	\$0.00
■ Extra Day Cap - \$ / AF	\$109.32	\$61.92	\$132.64	\$2.34	\$0.00	\$0.00	\$114.96	\$203.72
■ Base - \$ / AF	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70	\$412.70
■ Fire / Rev / DA - \$ / AF	\$0.83	\$0.57	\$0.15	\$2.54	\$5.17	\$0.55	\$0.13	\$8.34

## Cost of Service – Summary and Recommendations

- Updated to reflect current customer characteristics and system operations
- Rate adjustments are within acceptable range based on an 5.0% overall Rate adjustment
  - +/- 5% of the system total (**Except Draper Irrigation**)
- Retail and Member Agency impacts reflect system use and peaking requirements

# Rate Design

Retail and Wholesale Member Agencies

## Proposed Rate Design

- Maintain current rate structure for retail and wholesale member agencies
  - Retail rate structure is a 4-tiered rate structure
    - Comply with State law
  - Wholesale rate structure is a uniform rate
    - Varies by each member agency's peaking impacts on the system
- Current fixed charge level is maintained
  - Consumption charges are increased to meet target revenue levels
- Pump charges are in addition to the calculated rates



# Retail Rate Design

- Rate Schedule – Overall Rate adjustment of 7.2%

<i>Present Retail Rates</i>				
<b>Base Charge</b>				
5/8" & 3/4"		\$3.00 /Month		
<b>Commodity Charge /1,000 gal.</b>				
Tier by Size (3/4" Meter)		Non-Pumped	Pumped Zone CS	Pumped Zone WC
Tier 1	1 - 9	\$1.58	\$1.76	\$2.14
Tier 2	10 - 23	2.38	2.56	2.94
Tier 3	24 - 53	3.57	3.75	4.13
Tier 4	54 +	4.39	4.57	4.95

<i>Proposed Retail Rates</i>				
<b>Base Charge</b>				
5/8" & 3/4"		\$3.00 /Month		
<b>Commodity Charge /1,000 gal.</b>				
Tier by Size (3/4" Meter)		Non-Pumped	Pumped Zone CS	Pumped Zone WC
Tier 1	1 - 9	\$1.70	\$1.87	\$2.38
Tier 2	10 - 23	2.56	2.73	3.24
Tier 3	24 - 53	3.84	4.01	4.52
Tier 4	54 +	4.71	4.88	5.39

# Retail Bill Comparison – Non-Pumped

## Jordan Valley Water Conservancy District Retail Bill Comparison

Monthly Use per 1,000 gal	Present Rates	Proposed Rates	Difference	
			Amount	Percent
0	\$3.00	\$3.00	\$0.00	0.0%
2	6.16	6.40	0.24	3.8%
4	9.32	9.79	0.47	5.1%
6	12.48	13.19	0.71	5.7%
8	15.64	16.58	0.94	6.0%
10	19.60	20.84	1.24	6.3%
12	24.36	25.97	1.61	6.6%
14	29.12	31.09	1.97	6.8%
16	33.88	36.21	2.33	6.9%
18	38.64	41.34	2.70	7.0%
20	43.40	46.46	3.06	7.0%
22	48.16	51.58	3.42	7.1%
24	54.11	57.98	3.87	7.2%
26	61.25	65.67	4.42	7.2%
28	68.39	73.35	4.96	7.2%
30	75.53	81.03	5.50	7.3%
32	82.67	88.71	6.04	7.3%
34	89.81	96.39	6.58	7.3%
36	96.95	104.08	7.13	7.3%
38	104.09	111.76	7.67	7.4%
40	111.23	119.44	8.21	7.4%

# Retail Rate Design

- Fireline Charges

<i>Fireline Rates</i>		
<u>Fireline Connection</u>	<u>Current</u>	<u>Proposed</u>
2"	\$5.00	\$5.81
4"	\$30.94	\$35.97
6"	\$89.89	\$104.48
8"	\$191.55	\$222.64
10"	\$344.48	\$400.39

# Wholesale Member Agency Rate Design

- The Purpose of the cost of service analysis is to prevent cross customer subsidies
  - The cost of service rates are based on:
    - Past customer usage patterns
      - Peak day and Peak hour based on three lowest of the last four years
    - Most Recent Budget
  - Each Member Agency's rates are designed to collect their distributed costs established in the cost of service
  - Rate design show the base rate and then a surcharge to be added to reflect the additional cost of pumping in that zone
  - No proposed Change in Meter Rates

<b>Meter Size</b>	<b><i>Present</i></b>	<b><i>Proposed</i></b>
5/8" & 3/4"	\$3.00	\$3.00
1"	4.00	4.00
1 1/2"	5.00	5.00
2"	8.00	8.00
3"	15.00	15.00
4"	25.00	25.00
6"	50.00	50.00
8"	78.00	78.00

# Wholesale Member Agency Rate Design

	Cost of Service	Present (FY 2022-23)	Proposed (FY 2023-24)	Difference	
				\$	%
<b>Bluffdale</b>	0.5%	\$565.38	\$568.28	\$2.90	0.5%
JVWTP Zone Surcharge		29.58	29.58	\$0.00	0.0%
<b>Draper City</b>	5.1%	\$532.54	\$559.55	\$27.01	5.1%
<b>Draper Irrigation</b>	-3.7%	\$772.01	\$743.26	(\$28.75)	-3.7%
<b>Granger-Hunter</b>	4.3%	\$557.28	\$581.29	\$24.01	4.3%
BN Zone Surcharge		22.92	22.43	(\$0.49)	-2.1%
<b>Herriman</b>	6.4%	\$630.53	\$671.14	\$40.61	6.4%
CS Zone Surcharge		57.93	56.36	(1.57)	-2.7%
<b>Hexcel</b>	3.2%	\$420.72	\$434.26	\$13.54	3.2%
BN Zone Surcharge		22.92	22.43	(0.49)	-2.1%
<b>Kearns</b>	4.8%	\$561.53	\$588.73	\$27.20	4.8%
BN Zone Surcharge		22.92	22.43	(0.49)	-2.1%
<b>Magna</b>	5.4%	\$397.14	\$418.54	\$21.40	5.4%
BN Zone Surcharge		22.92	22.43	(0.49)	-2.1%
<b>Midvale</b>	4.4%	\$501.34	\$523.68	\$22.34	4.5%

# Wholesale Member Agency Rate Design (Cont'd)

	Cost of Service	Present (FY 2022-23)	Proposed (FY 2023-24)	Difference	
				\$	%
<b>Riverton</b>	0.8%	\$483.59	\$487.60	\$4.01	0.8%
CS Zone Surcharge		57.93	56.36	(\$1.57)	-2.7%
<b>South Jordan</b>	5.2%	\$532.79	\$560.44	\$27.65	5.2%
BN Zone Surcharge		22.92	22.43	(\$0.49)	-2.1%
BS Zone Surcharge		41.60	40.36	(\$1.24)	-3.0%
CS Zone Surcharge		57.93	56.36	(\$1.57)	-2.7%
DS Zone Surcharge		99.74	91.91	(\$7.83)	-7.9%
<b>South Salt Lake</b>	2.8%	\$408.51	\$420.17	\$11.66	2.9%
<b>State Corrections</b>	5.1%	\$397.51	\$418.10	\$20.59	5.2%
<b>Taylorsville-Bennion</b>	4.7%	\$395.21	\$413.91	\$18.70	4.7%
BN Zone Surcharge		22.92	22.43	(\$0.49)	-2.1%
<b>West Jordan</b>	4.9%	\$530.43	\$556.27	\$25.84	4.9%
BN Zone Surcharge		22.92	22.43	(\$0.49)	-2.1%
BS Zone Surcharge		41.60	40.36	(\$1.24)	-3.0%
CS Zone Surcharge		57.93	56.36	(\$1.57)	-2.7%
DS Zone Surcharge		99.74	91.91	(\$7.83)	-7.9%

# Wholesale Member Agency Rate Design

- Block 2 Water Rates and Pump Zone Charges
- Zone Surcharges are added to the block 2 rate when water is delivered within that zone.

	Present (FY 2022-23)	Proposed (FY 2023-24)	Difference	
			\$	%
CUWCD Costs	\$532.00	\$556.00	\$24.00	4.5%
CUWCD Debt Expense	247.00	247.00	0.00	0.0%
System Costs	315.58	325.52	9.94	3.1%
<b>Block 2 Rate</b>	<b>\$1,094.58</b>	<b>\$1,128.52</b>	<b>\$33.94</b>	<b>3.1%</b>
BN Zone Surcharge	\$22.92	\$22.43	(\$0.49)	-2.1%
BS Zone Surcharge	41.60	40.36	(\$1.24)	-3.0%
CS Zone Surcharge	57.93	56.36	(\$1.57)	-2.7%
DS Zone Surcharge	99.74	91.91	(\$7.83)	-7.9%

## Cost of Service - Pump Charge

- Pump zone rates are in addition to the non-pumped rates
- Includes the costs to pump to the specific zone
  - Electricity costs
- Pumping costs are removed from the analysis
  - Pump charges are based on actual costs and pumped volumes from the prior year
- Pump zone charges
  - Reflects costs of water purchases for these specific customers



## Summary of the Rate Study

- Overall revenue adjustment of 5.0% in FY 2023/24
  - Continued use of revenue stabilization funds to minimize rate impacts
- Cost of service results in minor differences
  - Reflect individual peak day and peak hour requirements
- Proposed rates reflect overall revenue needs and cost of service results for retail and individual wholesale member agency
- If approved by the Board rates would be implemented in July 2023

# **Tentative Financial Plan and Budget**



**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

# TENTATIVE FINANCIAL PLAN FOR THE 2023/2024 BUDGET

July 1, 2023 through June 30, 2024



**PARAMETERS FOR 2023/2024 BUDGET PREPARATION**

Preparation of the fiscal year 2023/2024 budget will be based upon the following budget parameters, derived from the document Establishing a Level of Service for Preparation of Fiscal Year 2023/2024 Budget, and updated for the tentative budget preparation.

**WATER DELIVERIES**

Budgeted water deliveries do not include an adjustment for minimum purchase contracts either missed or carried over, as historically those adjustments have been immaterial.

<b>Budgeted Water Deliveries (acre-feet)</b>	<b>2022/2023</b>	<b>2023/2024</b>
Wholesale water deliveries	93,500	<b>93,500</b>
Retail water deliveries	8,500	<b>8,500</b>
Total budgeted water deliveries	102,000	<b>102,000</b>

**WATER RATE ADJUSTMENTS**

A water rate study update will be completed by HDR Engineering, including the calculated revenue requirement and any needed water rate adjustment. A transfer from the Revenue Stabilization Fund can be included in the budget, at the desired amount, to offset the water rate adjustment. Proposed updated water rates for wholesale member agencies and retail customers will be calculated by HDR Engineering. The Board may approve these rates on a tentative basis during the April board meeting, when approving the tentative budget.

Estimated average water rate adjustment needed (including use of funds available from the Revenue Stabilization Fund)	<b>4.0% - 6.0%</b>
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**REVENUE STABILIZATION FUND**

The Revenue Stabilization Fund is funded by year-end annual transfers of PayGo Capital from operations, which exceeded what was budgeted. The District intends to use the Revenue Stabilization Fund, when available, as a source of funds when budgeting and calculating water rates.

Revenue Stabilization Fund balance as of 1/31/2023	<b>\$8.5 million</b>
Estimated need from the Revenue Stabilization Fund	<b>\$5.0 – \$7.0 million</b>

**PROPERTY TAX RATE**

By State statute, the District may levy a maximum property tax rate of 0.0004 for operation and maintenance expenses. The District has sought to maintain its tax rate at or near the maximum, holding Truth in Taxation public hearings when needed.

The District will reserve the date of its August 2023 Board meeting for a possible hearing, pending receipt of the actual certified tax rate, and decision by the Board.

	2022 Certified Tax Rate	2022 Adopted Tax Rate	Estimated 2023 Certified Tax Rate	Estimated Property Tax Revenue for FY 2023/2024
Projected property tax rate and revenue *	0.000296	0.000319	<b>0.000345</b>	<b>\$26.1 million *</b>

\* Net of RDA outlays and including new growth (without tax rate increase)



**PARAMETERS FOR 2023/2024 BUDGET PREPARATION**

**RESERVE FUND BALANCES**

<b>Reserve fund balances to be maintained</b>	<b>Reserve as of 1/31/2023</b>
Operation & Maintenance Fund minimum balance of three-months working capital (required by bond covenants)	<b>\$7.4 million</b>
Revenue Fund minimum balance of 25% of annual debt service amount (required by bond covenants)	<b>\$5.8 million</b>
Emergency Reserve/Self-Insurance Fund to be increased to \$10 million (proposed) over the next 10 years (set by Board res.)	<b>\$5.1 million</b>

**OPERATION AND MAINTENANCE EXPENSES**

Budgeted Operation and Maintenance expenses will be based on level of service with inflationary increases and cost variations related to changing water demands.

- Preliminary personnel compensation adjustment estimate **6% - 9%**
- Four proposed new personnel positions (2 full-time, 2 part-time):
  - Maintenance Worker - Facilities & Grounds
  - Treatment Plant Operator - JWVTP
  - Water Quality Technician (part-time)
  - System Operator (part-time)

**CAPITAL PROJECT EXPENDITURES**

<b>Capital Project Categories</b>	<b>Tentative Budget Amount</b>
CP1: Major rehabilitation or replacement of existing facilities	<b>\$18.3 million</b>
CP2: New facilities needed for compliance or functional upgrades (no new capacity)	<b>\$10.4 million</b>
CP3: New water supply, treatment, conveyance, or storage facilities (new capacity)	<b>\$31.8 million</b>
CP4: Projects to serve lands currently outside current boundaries	<b>\$0.7 million</b>
<b>Total tentative net capital project expenditures budget estimate</b>	<b>\$61.2 million</b>

Major projects include: two new storage reservoirs, four new wells, JWVTP expansion, JWVCD floc/sed basins seismic upgrade and increase capacity, storage reservoir repainting, transmission facilities rehabilitation, and distribution pipeline replacements.

Note: CP1 projects are funded by the Replacement Reserve Fund through annual PayGo Capital transfers (see below). All other capital projects are funded by either new bonds issued or fund balances available in the Capital Projects Fund.

**PAYGO CAPITAL FROM OPERATIONS**

Tentative amount of generated surplus from operations of PayGo Capital to be budgeted for a year-end funding transfer. **\$19.2 million**

- Funds to receive budgeted PayGo Capital funding transfer:
- Replacement Reserve Fund
  - Development Fee Fund
  - General Equipment Fund
  - Emergency Reserve/Self-Insurance Fund
  - Operation & Maintenance and Revenue Funds minimum reserve requirements



OVERVIEW - 2023/2024 BUDGET

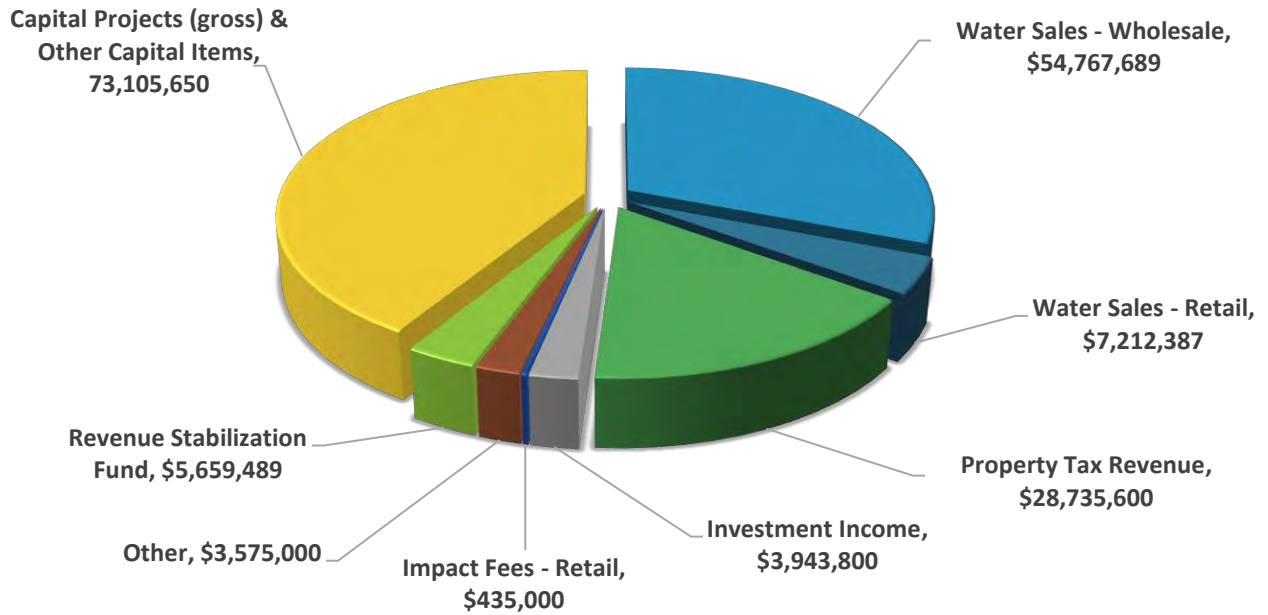
SOURCES OF FUNDS	2021/2022	2022/2023		2023/2024	Budget to Budget	
	Actual	Projected	Budget	Budget	\$ Variance	% Var.
Water Sales - Wholesale	\$ 48,200,098	\$ 52,418,862	\$ 52,554,723	\$ 54,767,689	\$ 2,212,966	4.2%
Water Sales - Retail	6,052,698	6,493,911	6,758,349	7,212,387	454,038	6.7%
Property Tax Revenue	24,204,336	26,302,824	25,650,346	28,735,600	3,085,254	12.0%
Investment Income	584,237	2,628,715	1,087,300	3,943,800	2,856,500	262.7%
Impact Fees - Retail	336,820	231,432	512,000	435,000	(77,000)	-15.0%
Other	1,587,432	2,239,982	2,243,093	3,575,000	1,331,907	59.4%
<b>Subtotal</b>	<b>80,965,621</b>	<b>90,315,726</b>	<b>88,805,811</b>	<b>98,669,476</b>	<b>9,863,665</b>	<b>11.1%</b>
Revenue Stabiliz. Fd. (rates)	5,590,263	8,402,108	8,402,108	5,659,489	(2,742,619)	-32.6%
Capital Projects Fd. (net)	13,970,831	41,445,089	51,445,090	61,216,008	9,770,918	19.0%
Capital Projects (reimb.)	971,104	2,575,428	2,849,431	11,889,642	9,040,211	317.3%
JVCGF Contributions	-	-	-	-	-	N/A
<b>Total Sources</b>	<b>\$ 101,497,819</b>	<b>\$ 142,738,351</b>	<b>\$ 151,502,440</b>	<b>\$ 177,434,615</b>	<b>\$ 25,932,175</b>	<b>17.1%</b>
<b>USES OF FUNDS</b>						
Operation and Maintenance	\$ 47,998,982	\$ 53,225,066	\$ 55,552,984	\$ 59,725,718	\$ 4,172,734	7.5%
Bond Principal and Interest	21,891,591	23,265,239	23,164,500	25,405,675	2,241,175	9.7%
Transfers to Reserve Funds:						
Replacement Reserve Fd.	10,898,744	15,880,435	15,880,435	14,328,572	(1,551,863)	-9.8%
Capital Projects Fund	-	-	-	-	-	N/A
Development Fee Fund	336,820	231,432	512,000	435,000	(77,000)	-15.0%
General Equipment Fund	700,000	900,000	900,000	900,000	-	0.0%
Emergency Reserve Fund	200,000	100,000	100,000	300,000	200,000	200.0%
Interest Allocated to Funds	387,169	1,800,000	698,000	2,734,000	2,036,000	291.7%
Short-Term Operating Res.	-	2,227,179	-	-	-	N/A
Revenue Stabilization Fd.	3,648,578	688,483	-	-	-	N/A
Revenue Fund	300,000	200,000	200,000	200,000	-	0.0%
Operation & Maint. Fund	200,000	200,000	200,000	300,000	100,000	50.0%
Total Transfers	16,671,311	22,227,529	18,490,435	19,197,572	707,137	3.8%
<b>Subtotal</b>	<b>86,561,884</b>	<b>98,717,834</b>	<b>97,207,919</b>	<b>104,328,965</b>	<b>7,121,046</b>	<b>7.3%</b>
Capital Projects (gross)	14,941,935	44,020,517	54,294,521	73,105,650	18,811,129	34.6%
JVCGF Contrib. Projects	-	-	-	-	-	N/A
<b>Total Uses</b>	<b>\$ 101,503,819</b>	<b>\$ 142,738,351</b>	<b>\$ 151,502,440</b>	<b>\$ 177,434,615</b>	<b>\$ 25,932,175</b>	<b>17.1%</b>
<b>Non-Operating and Non-Cash Expenses and Accruals*</b>						
Depreciation & Amortiz.	\$ 8,632,413	\$ 9,000,000	\$ 9,000,000	\$ 9,200,000	\$ 200,000	2.2%
Net Pension Expense	(2,661,432)	(327,000)	(327,000)	(960,000)	(633,000)	193.6%
OPEB Expense	419,205	420,000	420,000	430,000	10,000	2.4%
Self Insurance Claims	122,513	75,000	100,000	100,000	-	0.0%
Bond Issuance Costs	-	-	250,000	700,000	450,000	180.0%
	<b>\$ 6,512,699</b>	<b>\$ 9,168,000</b>	<b>\$ 9,443,000</b>	<b>\$ 9,470,000</b>	<b>\$ 27,000</b>	<b>0.3%</b>

\* These are non-operating and non-cash expenses and accruals, not included in the operating budget, but disclosed here for reference. The operating budget is prepared on a modified accrual basis.

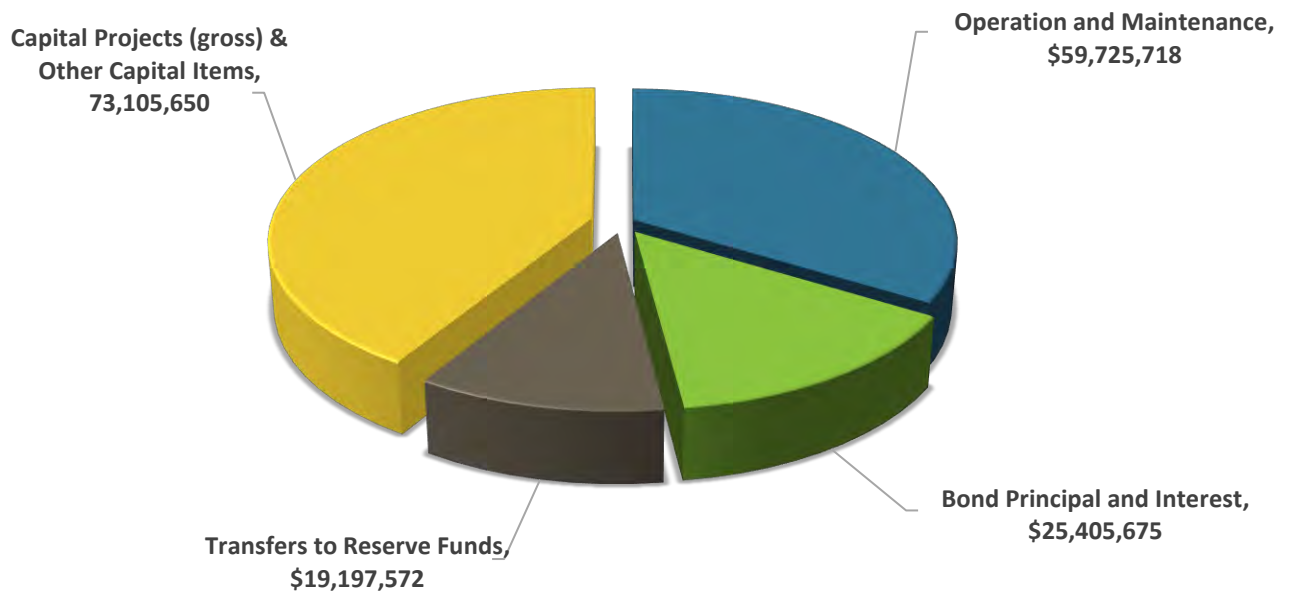


OVERVIEW - 2023/2024 BUDGET (SOURCES & USES)

### SOURCES



### USES





**REVENUE DETAIL - 2023/2024 BUDGET**

	<u>Deliveries AF</u>	<u>Rate per AF</u>	<u>Budgeted Revenues</u>	<u>Total</u>
<b>WATER SALES - WHOLESALE</b>				
Wholesale Deliveries	94,350	\$578.36	\$ 54,568,266	
Meter Base Charges			199,423	<b>\$ 54,767,689</b>
<b>WATER SALES - RETAIL</b>				
Retail Deliveries	7,650	883.50	6,758,775	
Meter Base Charges			386,000	
Other Fees			24,820	
Fire Line Charges			42,792	<b>7,212,387</b>
<b>PROPERTY TAX REVENUE (S.L. &amp; Utah Co.)</b>	<u>Prop. Valuation</u>			
2022 Certified Tax Rate Value	\$77,075,437,321			
x Collection Rate (97.67%)	75,279,579,631			
x 2022 Adopted Tax Rate (0.000319)			\$24,014,200	
New Growth x Collection Rate (4-year avg.)	1,821,394,585			
New Growth x 2023 Estimated Certified Tax Rate (0.000345)			\$628,400	
<b><u>Truth In Taxation (CTR of 0.000345 to 0.000375)</u></b>				
Estimated Tax Increase on 2023 Taxable Value			\$2,313,000	
+ Vehicles Flat Tax (2022=\$1,381,035)			1,390,000	
+ Redemptions (2022=\$359,112)			370,000	
+ Interest (2022=\$15,863)			20,000	<b>28,735,600</b>
<b>INVESTMENT INCOME</b>	<u>Average Bal.</u>			
Revenue Fund	\$14,170,000	3.60%	\$509,600	
Operation & Maintenance Fund	15,500,000	3.73%	578,800	
General Equipment Fund	600,000	3.75%	22,500	
Emg. Reserve/Self Insurance Fund	5,100,000	3.75%	191,300	
Other Maintenance Reserve Funds	402,000	3.75%	15,100	
Revenue Stabilization Fund	5,500,000	3.75%	206,300	
Capital Projects and R&R Funds	21,300,000	3.75%	798,800	
Bond Projects Fund	40,000,000	3.75%	1,500,000	
Bond Debt Service Reserve Funds	4,855,000	2.50%	121,400	<b>3,943,800</b>
<b>RETAIL IMPACT FEES</b>				
Retail Impact Fees (3/4" to 8" size) - Restricted to Development Fee Fund				
5-Year Average Impact Fee Revenue				<b>435,000</b>
<b>OTHER</b>				
Grant Revenue			\$2,240,000	
Operation & Maintenance Cost Sharing			700,000	
Site Leases (Cell Towers)			250,000	
Land Leases/Home Rentals/Conserv. Bldg Rental/Easements			200,000	
Miscellaneous Water Sales			50,000	
Sale of Assets/Scrap/Surplus			50,000	
Board Service/Other			50,000	
Lab Services			35,000	<b>3,575,000</b>
<b>TOTAL REVENUES</b>				<b>\$ 98,669,476</b>





**REVENUE DETAIL**

REVENUE SOURCE	2021/2022	2022/2023		2023/2024	Budget to Budget	
	Actual	Projected	Budget	Budget	\$ Variance	% Var.
<b>Water Sales</b>						
Wholesale Deliveries	\$ 48,000,902	\$ 52,224,101	\$ 52,359,904	<b>\$ 54,568,266</b>	<b>\$ 2,208,362</b>	<b>4.2%</b>
Wholesale Meter Charges	199,196	194,761	194,819	<b>199,423</b>	<b>4,604</b>	<b>2.4%</b>
Retail Deliveries	5,610,046	6,047,193	6,314,156	<b>6,758,775</b>	<b>444,619</b>	<b>7.0%</b>
Retail Meter Charges	384,864	385,591	386,000	<b>386,000</b>	-	<b>0.0%</b>
Other Fees	21,024	24,541	23,997	<b>24,820</b>	<b>823</b>	<b>3.4%</b>
Fire Line Charges	36,764	36,586	34,196	<b>42,792</b>	<b>8,596</b>	<b>25.1%</b>
	<u>54,252,796</u>	<u>58,912,773</u>	<u>59,313,072</u>	<b>61,980,076</b>	<b>2,667,004</b>	<b>4.5%</b>
Property Tax Revenue	24,204,336	26,302,824	25,650,346	<b>28,735,600</b>	<b>3,085,254</b>	<b>12.0%</b>
Interest Income	584,237	2,628,715	1,087,300	<b>3,943,800</b>	<b>2,856,500</b>	<b>262.7%</b>
Impact Fees - Retail	336,820	231,432	512,000	<b>435,000</b>	<b>(77,000)</b>	<b>-15.0%</b>
<b>Miscellaneous Revenue</b>						
O&M Cost Sharing	576,343	805,030	810,000	<b>700,000</b>	<b>(110,000)</b>	<b>-13.6%</b>
Grant Revenue	234,671	708,093	713,093	<b>2,240,000</b>	<b>1,526,907</b>	<b>214.1%</b>
Other Revenues	776,418	726,859	720,000	<b>635,000</b>	<b>(85,000)</b>	<b>-11.8%</b>
	<u>1,587,432</u>	<u>2,239,982</u>	<u>2,243,093</u>	<b>3,575,000</b>	<b>1,331,907</b>	<b>59.4%</b>
<b>Total Revenues</b>	<b>\$ 80,965,621</b>	<b>\$ 90,315,726</b>	<b>\$ 88,805,811</b>	<b>\$ 98,669,476</b>	<b>\$ 9,863,665</b>	<b>11.1%</b>



**OPERATION AND MAINTENANCE DETAIL**

Obj No.	Description	2021/2022 Actual	2022/2023 Projected	2022/2023 Budget	2023/2024 Budget	Budget to Budget \$ Variance	% Var.
5110	Emp. Wages & Benefits	\$ 17,393,807	\$ 19,013,737	\$ 19,587,691	<b>\$ 20,467,172</b>	<b>\$ 879,481</b>	<b>4.5%</b>
5170	Gen. Admin. & Uniforms	198,917	213,126	211,950	<b>236,910</b>	<b>24,960</b>	<b>11.8%</b>
5180	Tuition Assistance	25,475	31,800	45,000	<b>45,000</b>	-	<b>0.0%</b>
5210	Insurance	964,879	1,114,143	1,031,351	<b>1,206,021</b>	<b>174,670</b>	<b>16.9%</b>
5220	Office Supplies	38,863	42,291	47,811	<b>53,171</b>	<b>5,360</b>	<b>11.2%</b>
5230	Computer Equipment	767,481	802,671	822,775	<b>844,080</b>	<b>21,305</b>	<b>2.6%</b>
5250	Mailing	97,531	93,612	107,950	<b>100,300</b>	<b>(7,650)</b>	<b>-7.1%</b>
5260	Safety	82,075	91,654	97,449	<b>104,379</b>	<b>6,930</b>	<b>7.1%</b>
5270	Public Relations	158,808	143,016	192,925	<b>202,964</b>	<b>10,039</b>	<b>5.2%</b>
5280	Prof Consulting	274,763	291,910	316,350	<b>429,371</b>	<b>113,021</b>	<b>35.7%</b>
5282	Prof Consulting - Audit	29,600	30,908	38,900	<b>38,900</b>	-	<b>0.0%</b>
5284	Prof Consulting - Legal	395,744	401,398	442,750	<b>452,750</b>	<b>10,000</b>	<b>2.3%</b>
5286	Bond and Bank Fees	380,207	418,979	424,000	<b>396,400</b>	<b>(27,600)</b>	<b>-6.5%</b>
5290	Training & Education	195,445	209,435	356,609	<b>357,597</b>	<b>988</b>	<b>0.3%</b>
5310	Tools & Equipment	253,265	294,210	338,911	<b>338,269</b>	<b>(642)</b>	<b>-0.2%</b>
5320	Lubricants	6,717	6,186	8,940	<b>9,540</b>	<b>600</b>	<b>6.7%</b>
5330	Parts - General Equip.	84,518	88,975	107,050	<b>112,450</b>	<b>5,400</b>	<b>5.0%</b>
5340	Fuel	182,896	220,465	180,060	<b>200,660</b>	<b>20,600</b>	<b>11.4%</b>
5350	Bldg. & Grounds Maint.	314,241	373,392	389,512	<b>409,420</b>	<b>19,908</b>	<b>5.1%</b>
5360	Scheduled Maint.	408,397	436,797	552,539	<b>667,427</b>	<b>114,888</b>	<b>20.8%</b>
5380	Repair & Replacement	907,548	1,106,681	1,230,499	<b>1,427,198</b>	<b>196,699</b>	<b>16.0%</b>
5390	Utility Location	26,627	33,867	28,050	<b>37,050</b>	<b>9,000</b>	<b>32.1%</b>
5400	General Property	42,227	85,696	164,906	<b>164,270</b>	<b>(636)</b>	<b>-0.4%</b>
5410	Electrical Power	3,943,125	4,340,039	4,930,697	<b>4,725,415</b>	<b>(205,282)</b>	<b>-4.2%</b>
5420	Heat	185,336	175,269	169,611	<b>178,823</b>	<b>9,212</b>	<b>5.4%</b>
5430	Sewer	30,555	34,641	35,951	<b>35,467</b>	<b>(484)</b>	<b>-1.3%</b>
5440	Water	35,916	46,492	51,198	<b>51,678</b>	<b>480</b>	<b>0.9%</b>
5450	Phone & Telemetry	26,600	23,691	24,648	<b>25,080</b>	<b>432</b>	<b>1.8%</b>
5530	Lease	49,933	44,060	45,576	<b>40,326</b>	<b>(5,250)</b>	<b>-11.5%</b>
5670	Conservation Programs	1,104,592	1,552,803	1,567,873	<b>3,060,030</b>	<b>1,492,157</b>	<b>95.2%</b>
5710	Chemicals	1,452,843	2,273,183	2,780,169	<b>3,171,672</b>	<b>391,503</b>	<b>14.1%</b>
5720	Lab	133,956	141,622	174,961	<b>190,180</b>	<b>15,219</b>	<b>8.7%</b>
5750	Water Qual. - Field	1,892	3,074	15,670	<b>15,120</b>	<b>(550)</b>	<b>-3.5%</b>
5770	Water Qual. - Analysis	232,240	437,495	416,868	<b>480,741</b>	<b>63,873</b>	<b>15.3%</b>
5810	Water Purchases	16,390,693	17,396,814	17,402,067	<b>18,194,022</b>	<b>791,955</b>	<b>4.6%</b>
5820	Water stock assess.	1,181,270	1,210,934	1,213,717	<b>1,255,865</b>	<b>42,148</b>	<b>3.5%</b>
<b>Total Expenses</b>		<b>\$ 47,998,982</b>	<b>\$ 53,225,066</b>	<b>\$ 55,552,984</b>	<b>\$ 59,725,718</b>	<b>\$ 4,172,734</b>	<b>7.5%</b>



**OPERATING FUNDS - CASH FLOW PROJECTIONS**

	<b>Revenue Fund</b>	<b>Operation &amp; Maintenance Fund</b>	<b>General Equipment Fund</b>
<b>Beginning Balance July 1, 2023</b>	<b>\$13,000,000</b>	<b>\$13,500,000</b>	<b>\$350,000</b>
<b>SOURCES OF FUNDS:</b>			
Water Sales	61,980,076		
Property Tax Receipts		28,735,600	
Transfer from Revenue Stabilization Fd	5,659,489		200,000
Transfer from DSRF's (Interest Income)	121,400		
Transfer from Revenue Fund		28,200,000	
PayGo Capital Transfer from 2022/2023			900,000
Conservation Garden Park Fundraising			0
Connection Fees / Miscellaneous	4,010,000		
Interest Income	509,600	578,800	22,500
<b>Total Sources</b>	<b>72,280,565</b>	<b>57,514,400</b>	<b>1,122,500</b>
<b>USES OF FUNDS:</b>			
Debt Service Payments	(25,405,675)		
Operation and Maintenance Expenses		(59,725,718)	
General Equipment Fund Purchases			(1,423,000)
Transfer to O&M Fund	(28,000,000)		
Transfer to O&M Reserve	(200,000)		
Transfer to Replacement Reserve Fund	(15,880,435)		
Transfer to Development Fee Fund	(512,000)		
Transfer to General Equipment Fund	(900,000)		
Transfer to Self Ins./ Emer. Reserve Fd	(100,000)		
Transfer to Revenue Stabilization Fund	(3,000,000)		
<b>Total Uses</b>	<b>(73,998,110)</b>	<b>(59,725,718)</b>	<b>(1,423,000)</b>
<b>Ending Balance June 30, 2024</b>	<b>\$11,282,455</b>	<b>\$11,288,682</b>	<b>\$49,500</b>



**CAPITAL FUNDS - CASH FLOW PROJECTIONS**

	<b>Capital Projects Fund</b>	<b>Replacement Reserve Fund</b>	<b>Development Fee Fund</b>
<b>Beginning Balance July 1, 2023</b>	<b>\$11,000,000</b>	<b>\$10,600,000</b>	<b>\$200,000</b>
<b>SOURCES OF FUNDS:</b>			
PayGo Capital Transfer from 2022/2023		15,880,435	512,000
Transfer from Bond Project Fund	51,472,500		
Transfer from Capital Projects Fund			
Transfer from Bond DSR Funds	0		
Reimbursement - from other agencies	892,004	1,957,427	
Interest Income	407,388	375,436	15,976
<b>Total Sources</b>	<b>52,771,892</b>	<b>18,213,298</b>	<b>527,976</b>
<b>USES OF FUNDS:</b>			
Transfer to Replacement Reserve Fund			
CP1 Capital Projects (gross)		(19,600,000)	
CP2 Capital Projects (gross)	(19,663,300)		
CP3 Capital Projects (gross)	(32,464,374)		
CP4 Capital Projects (gross)	(650,000)		
Development Fee Fund expenditures			(727,976)
<b>Total Uses</b>	<b>(52,777,674)</b>	<b>(19,600,000)</b>	<b>(727,976)</b>
<b>Ending Balance June 30, 2024</b>	<b>\$10,994,218</b>	<b>\$9,213,298</b>	<b>\$0</b>



**RESERVE FUNDS - CASH FLOW PROJECTIONS**

	<b>Emg. Reserve/ Self Insurance Fund</b>	<b>Maintenance Reserve Funds</b>	<b>Revenue Stabilization Fund</b>
<b>Beginning Balance July 1, 2023</b>	<b>\$5,150,000</b>	<b>\$392,000</b>	<b>\$8,676,083</b>
<b>SOURCES OF FUNDS:</b>			
PayGo Capital Transfer from 2022/2023	100,000		3,000,000
Interest Income	191,300	15,100	206,300
<b>Total Sources</b>	<b>291,300</b>	<b>15,100</b>	<b>3,206,300</b>
<b>USES OF FUNDS:</b>			
Self Insurance claims	(100,000)		
Transfer to Revenue Fund			(5,659,489)
Transfer to Capital Projects Fund			
Transfer to General Equipment Fund			(200,000)
Other expenditures			
<b>Total Uses</b>	<b>(100,000)</b>	<b>0</b>	<b>(5,859,489)</b>
<b>Ending Balance June 30, 2024</b>	<b>\$5,341,300</b>	<b>\$407,100</b>	<b>\$6,022,894</b>

**REVENUE STABILIZATION FUND TRANSFER FOR JULY 1, 2023**

Transfer to Revenue Fund - Prior Year Unspent O&M Funds <sup>1</sup>	\$2,982,386
Transfer to Revenue Fund - Additional Transfer for CP1 Projects <sup>1</sup>	2,677,103
Transfer to Capital Projects Fund <sup>2</sup>	0
Transfer to General Equipment Fund <sup>3</sup>	200,000
	<b>\$5,859,489</b>

<sup>1</sup>Transfer amount determined by the Board to be used as an operating source to reduce the water rate adjustment

<sup>2</sup>Transfer amount determined by the Board to be used as an additional source to fund the Capital Projects Fund or Replacement Reserve Fund

<sup>3</sup>Transfer any additional amount needed to fund general equipment items, and deduct from amount available from prior year unspent O&M funds



**RESTRICTED FUNDS - CASH FLOW PROJECTIONS**

	<b>2008 B-1 DSR Fund</b>	<b>2009C DSR Fund</b>	<b>2021A Bond Project Fund</b>	<b>2024A Bond Project Fund</b>
<b>Beginning Balance July 1, 2023</b>	<b>\$4,700,000</b>	<b>\$155,000</b>	<b>\$7,435,000</b>	<b>\$0</b>
<b>SOURCES OF FUNDS:</b>				
New Money Bond Issue				100,700,000
Transfer from Other Fund				
Interest Income	117,500	3,900	37,500	1,462,500
<b>Total Sources</b>	<b>117,500</b>	<b>3,900</b>	<b>37,500</b>	<b>102,162,500</b>
<b>USES OF FUNDS:</b>				
Bond Issuance Costs				(700,000)
Transfer to Capital Projects Fund			(7,472,500)	(44,000,000)
Transfer Interest to Revenue Fund	(117,500)	(3,900)		
Transfer to Bond Fund				
<b>Total Uses</b>	<b>(117,500)</b>	<b>(3,900)</b>	<b>(7,472,500)</b>	<b>(44,700,000)</b>
<b>Ending Balance June 30, 2024</b>	<b>\$4,700,000</b>	<b>\$155,000</b>	<b>\$0</b>	<b>\$57,462,500</b>



**SUMMARY OF FUND PURPOSES**

**OPERATING FUNDS**

**REVENUE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by bond covenants in 1982. All cash receipts, except property tax receipts and O&M reimbursements, are deposited into this fund. Money is transferred from this fund to the Principal and Interest Funds to make debt service payments and to the O&M Fund to pay operating expenses. At year-end, PayGo Capital from operations may be transferred to the Capital Projects Fund and other reserve funds, or used for other purposes as authorized by the Board.	Bond covenants require that a minimum balance of 25% of total annual debt service (currently defined in the 2023/2024 budget as \$5,968,919) be maintained in the fund at all times. (Master Resolution 6.12(ii))

**OPERATION & MAINTENANCE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by bond covenants in 1982. All operation and maintenance expenses are paid from this fund. Property tax receipts, O&M reimbursements, and transfers from the Revenue Fund are the sources of funding.	Bond covenants require that a minimum balance of three months working capital (currently defined as \$7,400,000) be maintained in the fund at all times. (Master Resolution 5.05e)
In accordance with Utah law, including but not limited to Utah Code Ann. (1953) § 17B-1-642, and with the internal policies and practices of the District, all expenditures exceeding \$50,000 shall be brought to the Board for approval, with the exception of routine and budgeted expenditures exceeding that dollar amount that involve payroll, payroll-related expenses, insurance premiums, utilities, debt service and related bond expenses, supplies, materials, chemicals, water purchases, and software maintenance.	

**GENERAL EQUIPMENT FUND**

<i>Purpose</i>	<i>Balance</i>
Established by the Board in 1993, this fund facilitates the budgeting and funding of vehicles and other depreciable assets over \$10,000. Items under \$10,000 are budgeted and expensed from the O&M Fund. Expenditures from the fund are approved according to the procurement policy.	The maximum balance will be determined by the cost of designated general equipment purchases approved by the Board in the 2023/2024 budget.

**CAPITAL FUNDS**

**CAPITAL PROJECTS FUND**

<i>Purpose</i>	<i>Balance</i>
Established in 1989 in conjunction with the 1990 budget. Capital projects authorized by the Board are paid from this fund. Bond proceeds and capital reimbursements are transferred into the fund as projects are completed. At year-end, PayGo Capital from operations may be transferred from the Revenue Fund, when approved by the Board.	The maximum balance will be determined by the cost of designated projects approved by the Board. This fund has a target balance of approximately one to two years future project costs. Interest earnings accrue in the fund.

**REPLACEMENT RESERVE FUND**

<i>Purpose</i>	<i>Balance</i>
Established in 2016 to ensure a sustainable ongoing source of funding to rehabilitate and replace capital assets, as required by a new Utah Legislature enacted policy. The goal is to fund all replacements of qualified capital assets.	Upon Board approval, PayGo Capital from operations may be transferred from the Revenue Fund or Revenue Stabilization Fund at the end of each fiscal year.

**DEVELOPMENT FEE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by the Board in 1992 to receive retail impact fees that will be used to fund expansion or improvements of the retail system. For example, the 5600 West Pipeline Project loan from the Board of Water Resources was repaid from this fund, also well development and other new water sources.	The balance in this fund is determined by impact and development fees collected. Fees collected in the 2023/2024 budget period will be transferred to this fund from the Revenue Fund, upon Board approval.



SUMMARY OF FUND PURPOSES

RESERVE FUNDS

**EMERGENCY RESERVE / SELF-INSURANCE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by the Board in 1987. All self-insured claims and deductibles are paid from this fund. In addition, this fund will be used to begin repairs in the case of catastrophic events.	Interest will be allowed to accumulate, when possible, to a maximum balance of \$5,000,000.

**BOND RENEWAL AND REPLACEMENT FUND**

<i>Purpose</i>	<i>Balance</i>
Established by bond covenants in 1982. Separate funds are maintained for bond issues and the Jordan Aqueduct Repayment Contract. This fund is used in the case of extraordinary O&M expenses or major repairs not covered by insurance.	Bond covenants require a balance of \$100,000, subject to the periodic revision by a qualified engineer. Interest earnings have continued to accrue in the fund.

**JORDAN AQUEDUCT MAINTENANCE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by contract with the U.S. Bureau of Reclamation in 1986. Separate funds are maintained for bond issues and the Jordan Aqueduct Repayment Contract. This fund is used in the case of extraordinary O&M expenses or major repairs not covered by insurance.	The current balance for the Jordan Aqueduct Repayment contract portion is approximately \$123,000. Interest earnings continue to accrue in the fund.

**JVWTP MAINTENANCE FUND**

<i>Purpose</i>	<i>Balance</i>
Established by the Operation and Maintenance Agreement for the JVWTP and Terminal Reservoir in 1993, through a contract between JVWCD, MWDSL&S, and CUWCD. This fund is used to cover unforeseen extraordinary O&M expenses and repair & maintenance costs at the treatment plant.	The District added \$10,000 annually to its portion of the fund until the fund reached a balance of \$50,000. Interest earnings have continued to accrue in the fund.

**REVENUE STABILIZATION FUND**

<i>Purpose</i>	<i>Balance</i>
Established by the Board in 2019. Used to fund the Replacement Reserve Fund and Capital Projects Fund, General Equipment Fund, to reduce water rate adjustments, pay off debt, or other purpose approved by the Board.	Upon Board approval, PayGo Capital from operations (in excess of budgeted) may be transferred from the Revenue Fund at the end of the fiscal year.

**PRINCIPAL AND INTEREST FUNDS**

<i>Purpose</i>	<i>Balance</i>
Established by bond covenant in 1982. Semiannual debt service payments are paid from these funds after money is transferred from the Revenue Fund.	The balance is generally \$0. Funds are deposited and dispersed on April 1st and October 1st.

**DEBT SERVICE RESERVE FUNDS**

<i>Purpose</i>	<i>Balance</i>
Established by bond covenants for each applicable bond issue. Maintained as a reserve, in case revenues are not sufficient to meet debt service payments.	The balance must equal the average aggregate debt service payment.

**BOND PROJECT CONSTRUCTION FUNDS**

<i>Purpose</i>	<i>Balance</i>
Established through the issuance of bonds. The fund holds the bond proceeds until they are transferred to the Capital Projects Fund for payment of project costs.	The balance in the fund is the remaining amount of bond proceeds from the bond issue.

RESTRICTED FUNDS



**SUMMARY OF FEES**

Approved fees charged by the District are included and described in the District's Administrative Policy and Procedures Manual, Rules and Regulations for Wholesale Water Service, and Rules and Regulations for Retail Water Service documents. The following is a summary of those fees.

	2022/2023 Fees	2023/2024 Fees
<b>GRAMA REQUEST FEES</b>		
Copies:		
Paper (per sheet)	\$ 0.25	<b>\$ 0.25</b>
Audio tape (per tape)	20.00	<b>Remove</b>
Compact Disc (per disc)	10.00	<b>Remove</b>
Personnel time (charged in 15 minute increments):		
First 15 minutes	No fee	<b>No fee</b>
Administrative Assistant (per hour)	15.00	<b>40.00</b>
Records Manager (per hour)	20.00	<b>40.00</b>
Consultant	Actual cost	<b>Actual cost</b>
Conversion and mailing costs	Actual cost	<b>Actual cost</b>
<b>COMMUTING VALUATION FEE</b>		
Employees assigned District vehicles to commute to and from work have a "Commuting Valuation" fee added to their semi-monthly paycheck (set by I.R.S.)		
Commuting valuation fee (each one-way)	1.50	<b>1.50</b>
<b>ENCROACHMENT FEES</b>		
Processing fee for the following easement encroachment applications:	300.00	<b>300.00</b>
Southwest Aqueduct Reaches 1 & 2		
150th South Pipeline		
134th South Pipeline		
5600 West Pipeline		
Central Pipeline		
Wasatch Front Regional Pipeline right-of-way		
<b>JORDAN AQUEDUCT LICENSE AGREEMENT FEES</b>		
Processing fee for all Jordan Aqueduct easement encroachments:		
District fee	150.00	<b>150.00</b>
U.S. Bureau of Reclamation fee	100.00	<b>100.00</b>

**SUMMARY OF FEES (CONTINUED)**

**WHOLESALE AND RETAIL WATER RATES AND FIRE LINES**

**WHOLESALE AND RETAIL WATER RATES**

Wholesale and retail water rates are reviewed and updated annually by a water rate consultant performing a comprehensive water rate study. The updated wholesale and retail water rates for the budgeted fiscal year proposed in this financial plan are included in a separate accompanying

**METER BASE CHARGE/FLAT FEES**

Meter base charges/flat fees are based on meter capacity and charged monthly to wholesale member agencies and retail customers for each active meter, regardless of the actual volume of water taken through the meter. Meter base charges/flat fees for the budgeted fiscal year proposed in this financial plan are included in a separate accompanying document.

**FEE IN LIEU OF TAX**

A fee approximating property tax is charged to customers outside the District's boundaries.

**FIRE HYDRANTS, FIRE LINES, AND DETECTOR CHECK SYSTEMS**

	Meter Size	2022/2023 Fees	2023/2024 Fees
Installation and materials cost		Actual cost paid by cust.	Actual cost paid by cust.
Inspecting and maintaining fire lines:			
Initial installation inspection fee		\$ 100.00	\$ 200.00
Annual fire line charges	2"	5.00	Annual fire line charges will be updated by water rate consultant as part of the water rate update.
	4"	30.94	
	6"	89.89	
	8"	191.55	
	10"	344.48	

**RETAIL IMPACT AND CONNECTION FEES**

Meter Size	FISCAL YEAR 2022/2023				FISCAL YEAR 2023/2024			
	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee
5/8"	\$ 2,907	\$ 311	\$ 100	\$ 100	\$ 2,907	\$ 370	\$ 200	\$ 200
3/4"	4,153	311	100	100	4,153	370	200	200
1"	8,305	379	100	100	8,305	456	200	200
1-1/2"	16,611	673	100	100	16,611	781	200	200
2"	26,577	881	100	100	26,577	841	200	200
3"	64,782	(a)	(a)	100	64,782	(a)	(a)	200
4"	118,767	(a)	(a)	100	118,767	(a)	(a)	200
6"	237,533	(a)	(a)	100	237,533	(a)	(a)	200
8"	472,575	(a)	(a)	100	472,575	(a)	(a)	200

Note: An impact fee for non-standard use can be calculated by the District using the following formula:  
Estimated Peak Usage (gpm) x \$4,153 = Impact Fee

a) Meters larger than 2" are purchased independently by, and installed by, a contractor.

**SUMMARY OF FEES (CONTINUED)**

**OTHER RETAIL CUSTOMER FEES**

	2022/2023 Fees	2023/2024 Fees
<b>TEMPORARY CONNECTIONS</b>		
Temporary connection fee:		
Actual charges for services rendered, cost of District's labor and materials, plus ten percent	\$ 217.00	\$ 202.00
Deposit (if meter provided by customer)	300.00	300.00
Deposit (if meter provided by District)	1,500.00	1,500.00
<b>LINE EXTENSION</b>		
Cost of extending facilities	Applicant pays all exp.	Applicant pays all exp.
Deposit from applicant	2% of cost	2% of cost
<b>UPGRADING CONNECTION SIZE</b>		
(Refer to Connection Fees listing for amounts)		
New connection fee	Based on meter size	Based on meter size
Existing meter credit	Impact fee based on meter size	Impact fee based on meter size
<b>PAST DUE INTEREST FEES</b>		
Interest charged on past due balance	18%	18%
<b>COLLECTION CHARGE FOR PAST DUE SERVICE FEES</b>		
	20.00	20.00
<b>SERVICE CHARGE FOR DISHONORED CHECKS</b>		
	20.00	20.00
<b>SERVICE RESTORATION FEE</b>		
	50.00	75.00
<b>DAMAGE TO EXISTING CONNECTION</b>		
Fee plus cost of labor and materials to replace	50.00	75.00
<b>UNAUTHORIZED USE OF SERVICES CHARGE</b>		
Fee plus water usage	100.00	200.00
<b>WATER-EFFICIENT LANDSCAPING PERFORMANCE BOND</b>		
For new water service connections after 7/1/2021		
Charge per square foot of the total landscaped area, reimbursed if landscaping meets requirements	2.00	2.00



**GENERAL EQUIPMENT FUND OVERVIEW**

**Beginning Balance July 1, 2023** **\$ 350,000**

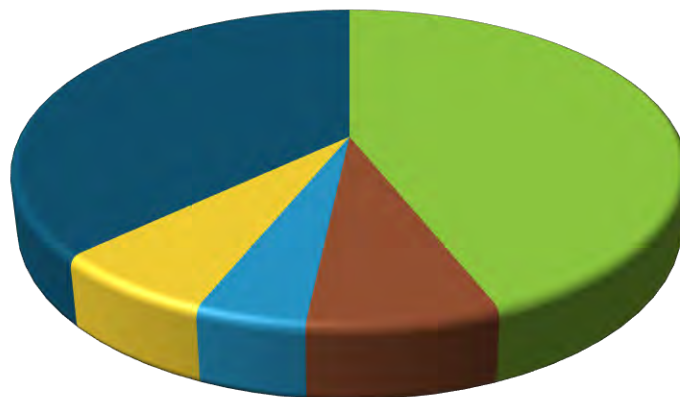
**SOURCES OF FUNDS:**

Transfer from Revenue Stabilization Fund	200,000
Budgeted PayGo Capital Transfer from 2022/2023	900,000
Conservation Garden Park fundraising	0
Interest Income	22,500
<b>Total Sources</b>	<b>\$ 1,122,500</b>

**USES OF FUNDS:**

Account	Description	Budgeted 2022/2023	Budgeted 2023/2024	Budget to Budget	
				\$ Variance	% Var.
140 6010	Conservation Assets	\$ 50,000	\$ 625,000	\$ 575,000	1150.0%
190 6010	IS Equipment	111,000	111,000	0	0.0%
192 6010	Office Equipment	0	0	0	N/A
194 6010	Telemetry Equipment	64,000	64,000	0	0.0%
196 6010	General Equipment	227,800	97,000	(130,800)	-57.4%
198 6010	New Vehicles	450,300	526,000	75,700	16.8%
<b>Total Uses</b>		<b>\$ 903,100</b>	<b>\$ 1,423,000</b>	<b>\$ 519,900</b>	<b>57.6%</b>

**Ending Balance June 30, 2024** **\$ 49,500**





**GENERAL EQUIPMENT FUND DETAIL**

<u>Account</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Amount</u>
<b><u>140 6010</u></b>	<b><u>Conservation Assets</u></b>				
	Garden Park schematic design - phases 2, 3	1	LS	\$ 75,000	\$ 75,000
	Garden Park frontage project - phase 1	1	LS	\$ 500,000	500,000
	Garden Park interpretive master plan	1	LS	\$ 50,000	50,000
					<b><u>\$ 625,000</u></b> *
<b><u>190 6010</u></b>	<b><u>IS Equipment</u></b>				
	Network servers	2	EA	\$ 31,000	\$ 62,000
	Storage server	1	LS	49,000	49,000
					<b><u>\$ 111,000</u></b>
<b><u>192 6010</u></b>	<b><u>Office Equipment</u></b>				
					\$ -
					<b><u>\$ -</u></b>
<b><u>194 6010</u></b>	<b><u>Telemetry Equipment</u></b>				
	Circuit board replacement on drive for P2 and P3	2	EA	17,000	34,000
	SWGWTP variable frequency drive upgrade for P2	1	LS	30,000	30,000
					<b><u>\$ 64,000</u></b>
<b><u>196 6010</u></b>	<b><u>General Equipment</u></b>				
	Trimble R12i GPS unit (FLEET & EQUIP)	1	EA	\$ 37,000	\$ 37,000
	Utility tractor and rotary cutter (FLEET & EQUIP)	1	EA	60,000	60,000
					<b><u>\$ 97,000</u></b>
<b><u>198 6010</u></b>	<b><u>New Vehicles</u></b>				
	Light duty pickup truck (FLEET & EQUIP)	4	EA	\$ 51,500	\$ 206,000
	Utility truck and attachments (FLEET & EQUIP)	1	EA	75,000	75,000
	One ton dump body (FLEET & EQUIP)	1	EA	90,000	90,000
	Valve turning/vactor service body (FLEET & EQUIP)	1	EA	155,000	155,000
					<b><u>\$ 526,000</u></b>
<b>Total General Equipment Fund Purchases</b>					<b><u>\$ 1,423,000</u></b>

\* Fundraising donations will be applied to garden exhibits.



**DEBT SERVICE SCHEDULE & LONG-TERM DEBT SUMMARY**

<b>Debt Service Payment Due:</b>				<b>October 1, 2023</b>		<b>April 1, 2024</b>		<b>Total</b>
	<u>Orig. Issue Amount</u>	<u>Maturity Date</u>	<u>Outstanding Bal. 7/1/2023</u>	<u>Principal</u>	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>	
2008 B1 Ref. Bonds*	\$64,665,000	10/1/37	\$52,465,000	\$ 3,600,000	\$ 850,000	\$ -	\$ 850,000	\$ 5,300,000
2009C Bonds (Utah Brd of Wtr Res)	3,600,000	10/1/34	1,871,000	157,000	-	-	-	157,000
2014A Bonds	37,750,000	10/1/44	24,745,000	-	580,400	-	580,400	1,160,800
2016A&B Bonds & Refunding Bonds	63,920,000	10/1/46	33,630,000	645,000	840,750	-	824,625	2,310,375
2017A Ref. Bonds	9,880,000	10/1/28	5,930,000	880,000	135,050	-	126,250	1,141,300
2017B Ref. Bonds	77,140,000	10/1/41	71,290,000	3,865,000	1,527,525	-	1,430,900	6,823,425
2019A Bonds	29,030,000	10/1/49	27,650,000	505,000	685,700	-	673,075	1,863,775
2021A Bonds & Refunding Bonds	61,855,000	10/1/51	57,850,000	2,660,000	1,262,750	-	1,196,250	5,119,000
2024A Bonds (new bond issue)	85,000,000	10/1/54	-	-	-	-	1,530,000	1,530,000
								-
<b>TOTAL</b>			\$275,431,000	<b>\$ 12,312,000</b>	<b>\$ 5,882,175</b>	<b>\$ -</b>	<b>\$ 7,211,500</b>	<b>\$ 25,405,675</b>
				<b>\$18,194,175</b>		<b>\$7,211,500</b>		

\* Variable rate debt, interest paid monthly

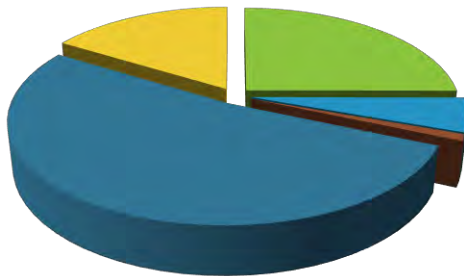
Note: The 2014A bonds are being monitored for possible refunding combined with the new bond issue.



**SUMMARY OF CAPITAL PROJECT EXPENDITURES BUDGET**

<p><b>CP1 Category: Major rehabilitation or replacement of existing facilities.</b></p> <p>Example Projects: Distribution pipeline replacement, transmission vault restoration, storage reservoir rehabilitation, JWWT sedimentation basins equip. replacement, flocculator equip. replacement, and normal extraordinary replacement activities.</p>	<p><b>\$ 19,600,000</b></p> <p><b>(1,271,428) *</b></p> <hr/> <p><b>\$ 18,328,572</b></p>
<p><b>CP2 Category: New facilities needed for compliance or functional upgrades, but provide no new system capacity.</b></p> <p>Example Projects: JWWT floc/sed basins seismic upgrade and increase capacity and upgrades, vehicle/water trailer storage buildings, Willowcreek retail storage/booster/transmission upgrades, and site modifications.</p>	<p><b>19,663,300</b></p> <p><b>(9,218,214) *</b></p> <hr/> <p><b>10,445,086</b></p>
<p><b>CP3 Category: New water supply, treatment, conveyance, or storage facilities which provide new system capacity.</b></p> <p>Example Projects: 10200 S. 3600 W. new booster pump station, 5200 W. 6200 S. and U-111 12200 S. new storage reservoirs, JWWT expansion from 180MGD to 255MGD, new wells and groundwater development.</p>	<p><b>33,192,350</b></p> <p><b>(1,400,000) *</b></p> <hr/> <p><b>31,792,350</b></p>
<p><b>CP4 Category: Projects to serve lands currently outside current District boundaries.</b></p> <p>Example Projects: WFRP right-of-way acquisition</p>	<p><b>650,000</b></p> <p><b>- *</b></p> <hr/> <p><b>650,000</b></p>
<p><b>TOTAL OF ALL CATEGORIES (GROSS)</b></p>	<p><b>\$ 73,105,650</b></p>
<p><i>*amounts shown in red are reimbursements (MWDSLs, grants, etc.)</i></p>	<p><b>\$(11,889,642)</b></p>
<p><b>TOTAL OF ALL CATEGORIES (NET)</b></p>	<p><b>\$ 61,216,008</b></p>

**PROJECTED CAPITAL PROJECTS FUNDING**



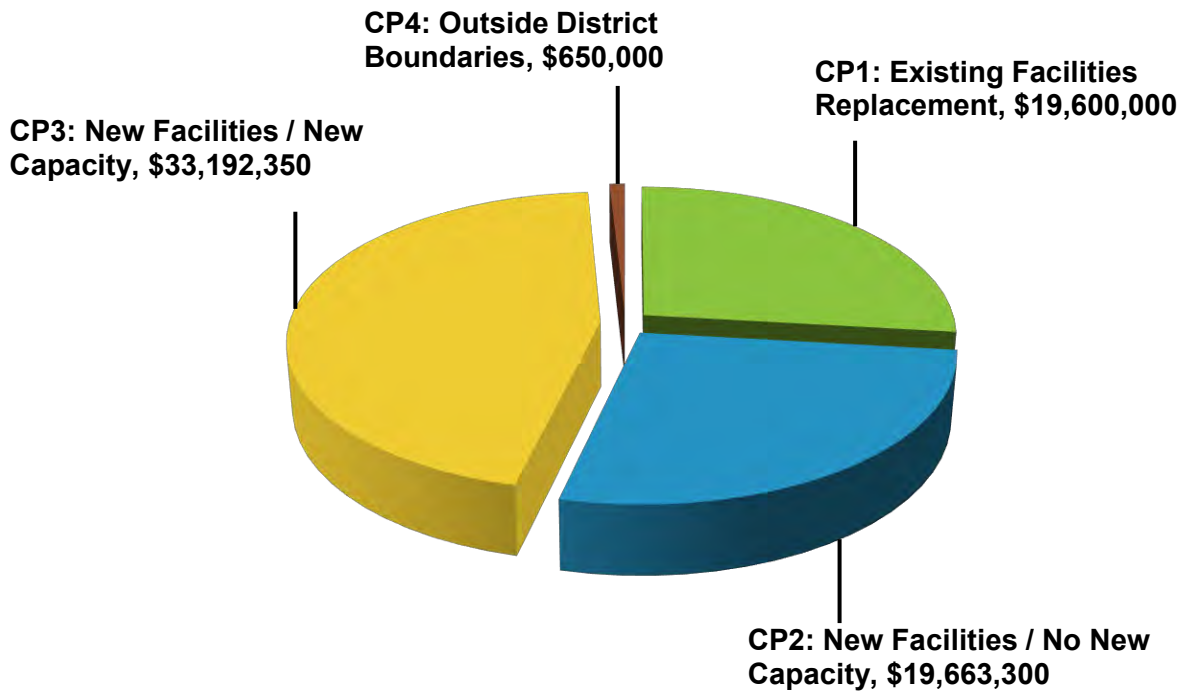
Replacement Reserve Fund	\$ 18,328,572	25.1%
Capital Projects Fund	3,954,650	5.4%
Impact Fees	\$727,976	1.0%
Bond Proceeds	38,204,810	52.3%
Project Reimbursements	11,889,642	16.3%
	<b>\$ 73,105,650</b>	<b>100.0%</b>



SUMMARY OF CAPITAL PROJECT EXPENDITURES BUDGET

# CAPITAL PROJECT EXPENDITURES

**Gross Total \$73,105,650**





# **Tentative Retail and Wholesale Water Rates**



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## 2023/2024 **TENTATIVE** Water Rates Summary

JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

### WHOLESALE WATER RATES (NON-PUMPED)

MEMBER AGENCY (Rate per Acre Foot)	PUMP ZONES	2022/2023 RATES	2023/2024 RATES	\$ CHANGE	% CHANGE
Bluffdale City Water	JVWTP	\$565.38	<b>\$568.28</b>	\$2.90	0.5%
Draper City		532.54	<b>559.55</b>	27.01	5.1%
Draper Irrigation (Water Pro)		772.01	<b>743.26</b>	(28.75)	-3.7%
Granger-Hunter Impr. District	B North	557.28	<b>581.29</b>	24.01	4.3%
Herriman City	C South D South	630.53	<b>671.14</b>	40.61	6.4%
Hexcel Corporation	B North	420.72	<b>434.26</b>	13.54	3.2%
Kearns Improvement District	B North	561.53	<b>588.73</b>	27.20	4.8%
Magna Water District	B North	397.14	<b>418.54</b>	21.40	5.4%
Midvale City Water		501.34	<b>523.68</b>	22.34	4.5%
Riverton City	C South	483.59	<b>487.60</b>	4.01	0.8%
City of South Jordan	B North/South, C South, D South	532.79	<b>560.44</b>	27.65	5.2%
City of South Salt Lake		408.51	<b>420.17</b>	11.66	2.9%
Taylorville-Bennion Impr. Dist.	B North	395.21	<b>413.91</b>	18.70	4.7%
Utah Div. of Fac. Const. Mgmt.		397.51	<b>418.10</b>	20.59	5.2%
City of West Jordan	B North/South, C South, D South	530.43	<b>556.27</b>	25.84	4.9%

<b>BLOCK 2 RATE</b>	Plus Pumping	1,094.58	<b>1,128.52</b>	33.94	3.1%
<b>BCWTP RATE</b>		527.65	<b>517.93</b>	(9.72)	-1.8%

ZONE	PUMP ZONE SURCHARGE			
B North	\$22.92	<b>\$22.43</b>	(\$0.49)	-2.1%
B South	41.60	<b>40.36</b>	(1.24)	-3.0%
C South	57.93	<b>56.36</b>	(1.57)	-2.7%
D South	99.74	<b>91.91</b>	(7.83)	-7.9%
JVWTP	29.58	<b>29.58</b>	0.00	0.0%

METER SIZE	METER BASE CHARGE (MONTHLY)			
4"	\$25.00	<b>\$25.00</b>	\$0.00	0.0%
6"	50.00	<b>50.00</b>	0.00	0.0%
8"	78.00	<b>78.00</b>	0.00	0.0%
10"	114.00	<b>114.00</b>	0.00	0.0%
12"	168.00	<b>168.00</b>	0.00	0.0%
14"	228.00	<b>228.00</b>	0.00	0.0%
16"	300.00	<b>300.00</b>	0.00	0.0%
18"	378.00	<b>378.00</b>	0.00	0.0%
20"	462.00	<b>462.00</b>	0.00	0.0%
24"	672.00	<b>672.00</b>	0.00	0.0%
30"	1,050.00	<b>1,050.00</b>	0.00	0.0%



## JORDAN VALLEY WATER CONSERVANCY DISTRICT

### 2023/2024 **TENTATIVE** Water Rates Summary

JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

#### RETAIL WATER RATES (Overall Average **7.2%** Rate Increase)

RETAIL SYSTEM (Rate per 1,000 Gal.)	TIER	2022/2023 RATES	2023/2024 RATES	\$ CHANGE	% CHANGE
Non-Pumped	Tier 1	\$1.58	<b>\$1.70</b>	\$0.12	7.6%
	Tier 2	2.38	<b>2.56</b>	0.18	7.6%
	Tier 3	3.57	<b>3.84</b>	0.27	7.6%
	Tier 4	4.39	<b>4.71</b>	0.32	7.3%
Zone C South *	Tier 1	1.76	<b>1.87</b>	0.11	6.2%
	Tier 2	2.56	<b>2.73</b>	0.17	6.6%
	Tier 3	3.75	<b>4.01</b>	0.26	6.9%
	Tier 4	4.57	<b>4.88</b>	0.31	6.8%
Casto/Upper Willow Crk ‡	Tier 1	2.14	<b>2.38</b>	0.24	11.2%
	Tier 2	2.94	<b>3.24</b>	0.30	10.2%
	Tier 3	4.13	<b>4.52</b>	0.39	9.4%
	Tier 4	4.95	<b>5.39</b>	0.44	8.9%
Fireline Charges (Annual)	2"	\$5.00	<b>\$5.81</b>	\$0.81	16.2%
	4"	30.94	<b>35.97</b>	5.03	16.3%
	6"	89.89	<b>104.48</b>	14.59	16.2%
	8"	191.55	<b>222.64</b>	31.09	16.2%
	10"	344.48	<b>400.39</b>	55.91	16.2%

\* Zone C South includes retail customers in the Riverton Foothills area, which rate includes a pump surcharge of \$0.17 per thousand gallons.

‡ Customers in the Casto/Upper Willow Creek areas have a pump surcharge of \$0.68 per thousand gallons included in their rate.

Meter Size	TIER THRESHOLDS				METER BASE CHARGE (MONTHLY)			
	Tier 1	Tier 2	Tier 3	Tier 4	2022/2023 RATES	2023/2024 RATES	\$ Change	% Change
5/8"	1-6	7-16	17-37	38+	\$3.00	<b>\$3.00</b>	\$0.00	0.0%
3/4"	1-9	10-23	24-53	54+	3.00	<b>3.00</b>	0.00	0.0%
1"	1-18	19-46	47-106	107+	4.00	<b>4.00</b>	0.00	0.0%
1-1/2"	1-36	37-92	93-212	213+	5.00	<b>5.00</b>	0.00	0.0%
2"	1-58	59-147	148-339	340+	8.00	<b>8.00</b>	0.00	0.0%
3"	1-140	141-359	360-827	828+	15.00	<b>15.00</b>	0.00	0.0%
4"	1-257	258-658	659-1516	1517+	25.00	<b>25.00</b>	0.00	0.0%
6"	1-515	516-1316	1317-3032	3033+	50.00	<b>50.00</b>	0.00	0.0%
8"	1-1024	1025-2617	2618-6031	6032+	78.00	<b>78.00</b>	0.00	0.0%

## **COMMON CONSENT ITEMS**

**MINUTES OF THE EXECUTIVE COMMITTEE MEETING OF THE  
BOARD OF TRUSTEES OF JORDAN VALLEY WATER CONSERVANCY DISTRICT**

(Unapproved and subject to change)

Held April 10, 2023

The Executive Committee meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held in person and electronically on Monday, April 10, 2023, at 3:54 p.m. at JVVCD's office located at 8215 South 1300 West, West Jordan, Utah.

This meeting was conducted electronically in accordance with the Utah Open and Public Meetings Act (Utah Code Ann. (1953) §§ 52-4-1 et seq.) and Chapter 7.12 of the Administrative Policy and Procedures Manual ("Electronic Meetings").

Trustees Present:

A. Reed Gibby  
Karen D. Lang  
Sherrie L. Ohrn  
Mick M. Sudbury  
John H. Taylor (electronic)  
Barbara L. Townsend

Trustees Not Present:

Corey L. Rushton, Chair  
Zach Jacob  
Dawn R. Ramsey

Staff Present:

Alan Packard, General Manager  
Jacob Young, Deputy General Manager  
Matt Olsen, Assistant General Manager  
Shazelle Terry, Assistant General Manager  
Jason Brown, Information Systems Department Manager  
Brian Callister, Maintenance Department Manager  
Gordon Batt, Operations Department Manager  
Shane Swensen, Engineering Department Manager (electronic)  
David Martin, CFO/Treasurer  
Brian McLeary, Controller  
Mark Stratford, General Counsel  
Kurt Ashworth, Human Resources Manager  
Beverly Parry, Executive Assistant  
Martin Feil, Database Administrator (electronic)  
Mindy Keeling, Administrative Assistant (electronic)  
Alicia Sekiller, Administrative Assistant  
Kelly Good, Communications Division Manager  
Cynthia Bee, Public Information Officer  
Margaret Dea, Senior Accountant (electronic)  
Dave Mclean, Senior Engineer

Also Present:

Greg Christensen, Trustee, Kearns Improvement District  
Jason Helm, General Manager, Granger-Hunter Improvement District (electronic)  
Matt Berry, Policy Specialist, Utah Rivers Council

**Welcome**

Ms. Karen Lang, Vice Chair, called the meeting to order at 3:54 p.m.

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**Review agenda  
for April 12,  
2023, Board  
meeting**

Ms. Lang asked Mr. Alan Packard, General Manager, to proceed with the review of the proposed agenda. Mr. Packard reviewed the proposed agenda for the April 12, 2023, annual Board of Trustees meeting. Some of the topics for discussion and consideration included: consider approval of minutes of the Executive Committee meeting held March 6, 2023, minutes of the Finance Committee meeting held March 6, 2023, minutes of the annual Board meeting held March 8, 2023, minutes of the Finance Committee meeting held March 29, 2023, and the Trustees expenses report for March 2023; consider adoption of Resolution No. 23-10, "Tentatively Adopting Jordan Valley Water Conservancy District's Tentative Budget, Financial Plan, and Water Rates for Fiscal Year 2023-2024"; consider setting public hearing date on May 10, 2023, at 6:00 p.m. for proposed fiscal year 2023-2024 budget and water rates; consider authorization to award a construction contract for 2023 Vault Improvement Project; consider authorization to award a construction contract for 4670 South 1590 East Well Rehabilitation; consider authorization to award construction contracts for 3300 South Pipeline Replacement – Phase 2; verification of compliance with selected legal requirements and internal District practices; core mission reports; standing committee reports; and various routine reporting items. A closed session was proposed to discuss pending litigation.

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**Review  
tentative water  
rates**

Mr. David Martin, Chief Financial Officer, said Mr. Shawn Koorn, HDR Engineering, presented the proposed fiscal year 2023/2024 water rate update and cost of service analysis at the March 29, 2023, Finance Committee meeting. It was decided at that meeting to include a proposed 5% water rate adjustment. Mr. Martin reported that the proposed water rates for each of JVVCD's Member Agencies have been calculated, and he shared these with the Board. He also shared the proposed 2023/2024 retail water rates which includes an overall average 7.2% increase, updated fireline charges, and no change to the meter base charges and pricing tier thresholds.

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**Report on  
personnel leave  
benefit change**

Mr. Kurt Ashworth, Human Resources Manager, said a committee of JVVCD staff was formed to provide input on proposed sick leave changes. He said the committee produced a preferred method for establishing a maximum sick leave accrual and conversion. He presented proposed changes to the Sick Leave Policy which include an 800-hour maximum number of accrued hours, an annual conversion option for sick leave accrued during the year of 25% for any number of hours, 50% for 480 hours and above, and 100% for over 800 hours. He said the cash out amount at retirement would remain the same at 25% of the total sick leave balance. He also proposed to grandfather in 32 employees that have more than 800 hours, at their individual current balance. The estimated annual liability at the November 30, 2023, cash out would be \$381,000, and would reduce to \$219,000 once the grandfathered employees retire. He said draft policy changes will be proposed and action to be taken at a future Board meeting.

Ms. Townsend asked about an increase in costs to JWCD with little apparent benefit to the proposed changes. Mr. Ashworth said if employees choose to cash out their sick leave over time, the cost will occur at that time, rather than a large cost at retirement.

Ms. Townsend also asked about whether the proposed benefit would outweigh the risk of employees feeling dissatisfied about an existing benefit being taken away. Mr. Ashworth said the committee members surveyed their employees and the majority were in favor of the changes.

**Adjourn**

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Ms. Lang called for a motion to adjourn. Mr. Mick Sudbury moved to adjourn. The meeting adjourned at 4:23 p.m.

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Corey L. Rushton, Chair of the Board of Trustees

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Alan E. Packard, District Clerk

**MINUTES OF THE REGULAR BOARD MEETING OF THE  
BOARD OF TRUSTEES OF JORDAN VALLEY WATER CONSERVANCY DISTRICT**

(Unapproved and subject to change)

April 12, 2023

The Annual Board meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held both in person and electronically on Wednesday, April 12, 2023, at 3:00 p.m. at JVVCD's administration building located at 8215 South 1300 West, West Jordan, Utah.

This meeting was conducted electronically in accordance with the Utah Open and Public Meetings Act (Utah Code Ann. (1953) §§ 52-4-1 et seq.) and Chapter 7.12 of the Administrative Policy and Procedures Manual ("Electronic Meetings").

Trustees Present:

A. Reed Gibby  
Zach Jacob  
Karen D. Lang  
Sherrie L. Ohrn  
Dawn R. Ramsey (electronic)  
Mick M. Sudbury  
John H. Taylor  
Barbara L. Townsend

Trustees Not Present:

Corey L. Rushton, Chair

Staff Present:

Alan Packard, General Manager  
Jacob Young, Deputy General Manager  
Matt Olsen, Assistant General Manager  
Shazelle Terry, Assistant General Manager  
Gordon Batt, Operations Department Manager  
Jason Brown, Information Systems Department Manager  
Brian Callister, Maintenance Department Manager  
Shane Swensen, Engineering Department Manager  
Mark Stratford, General Counsel  
David Martin, Chief Financial Officer/Treasurer  
Kurt Ashworth, Human Resources Manager  
Beverly Parry, Executive Assistant  
Mindy Keeling, Administrative Assistant  
Alicia Sekiller, Administrative Assistant  
Martin Feil, Database Administrator (electronic)  
Kelly Good, Communications Division Manager  
Cynthia Bee, Public Information Officer  
Margaret Dea, Senior Accountant (electronic)  
Kevin Rubow, Staff Engineer  
Conor Tyson, Staff Engineer  
Travis Christensen, Senior Engineer

Also Present:

Matt Berry, Jordan River Commission  
Tish Buroker, Riverton City Council Member



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Greg Christensen, Kearns Improvement District Trustee  
Greg Davenport, Utility Manager, City of West Jordan  
Clint Dilley, General Manager, Magna Water District (electronic)  
Jason Helm, General Manager, Granger-Hunter Improvement District (electronic)  
Alpha Lambert, Naturalist, Utah State University(electronic)  
Jason Luettinger, Principal, Bowen Collins & Associates  
Brien Maxfield, Senior Engineer, Draper City  
Chris Merket, Engineer, City of South Salt Lake (electronic)  
Annalee Munsey, Assistant General Manager, Metropolitan Water District of Salt Lake & Sandy (electronic)  
Stacie Olson, Water Director, Riverton City  
Ana Paz, Associate Engineer, South Jordan City (electronic)  
Jason Rasmussen, Public Works Director, South Jordan City  
Shawn Robinson, Director of Operations and Maintenance, Taylorsville-Bennion Improvement District (electronic)  
Troy Stout, COO, Granger-Hunter Improvement District (electronic)  
Dan Tracer, Assistant City Engineer, Bluffdale City (electronic)

**Call to order and introduction of visitors**

Ms. Karen Lang, Vice Chair, convened the Board meeting of the Jordan Valley Water Conservancy District Board of Trustees at 3:00 p.m. on Wednesday, April 12, 2023. Ms. Lang introduced the members of the Board and the public who joined the meeting both in person and electronically. Mr. Corey Rushton was excused from the meeting.

**Approval of common consent items**

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Ms. Lang presented the minutes of the Executive Committee meeting held March 6, 2023; the Finance Committee meeting held March 6, 2023; the Annual Board meeting held March 8, 2023; and the Finance Committee meeting held March 29, 2023. She also presented the March 2023 Trustees' Expenses Report. Ms. Lang called for a motion. Ms. Barbara Townsend moved to approve the minutes of the March 6, March 8, and March 29 meetings and the March 2023 Trustees' Expenses Report. Following a second by Mr. Mick Sudbury, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – not present
Ms. Townsend - aye	

**Public comments**

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There were no public comments.

**Core Mission Reports**

**Water supply update**

Mr. Packard reviewed the Municipal and Industrial (M&I) Water Deliveries report through March 2023, the Wholesale Contract Progress report for each Member Agency, the Provo River Reservoirs Update, and the Wholesale and Retail Actual and Projected Deliveries report. He reported that the Drought Monitoring Committee met on March 15, 2023, and reviewed water supply conditions and voted on a water supply availability level. Eight members voted for Level 0 and seven members voted for Level 1. Mr. Packard reviewed the proposed water supply availability messaging for Level 0 and Level 1. He reported that since the Drought Monitoring

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Committee vote on March 15<sup>th</sup>, water supply conditions have improved to the point it leans more heavily towards a Level 0. He said the JWCD Board will vote on establishing a water supply availability level at the May Board meeting. Discussion took place regarding the water supply availability levels JWCD might establish at the May meeting.

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**Water quality update**

Ms. Shazelle Terry, Assistant General Manager, said the purpose of Aquifer Storage and Recovery (ASR) is to stabilize declining groundwater levels, use off-peak aqueduct import capacity, capture and store snowmelt runoff during April through June, and extract stored water to meet July through September peak demands. She reviewed the method of operating injection wells; the history of JWCD's Artificial Groundwater Recharge Demonstration Project; the Groundwater Recharge and Recovery Act (1991), Utah Code 73-3B; and the permitting, reporting, and monitoring required for ASR.

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**Standing Committee Reports**

**Finance update**

Mr. Dave Martin, Chief Financial Officer, reviewed the Financial Report for February 2023. He said that the Year-to-Date Expenses are on track with what was projected for the 2022/2023 budget. He also reviewed the Income Statement and said a CUP payment was made during February which is included in Water Purchases, and there was a gain on Sale of Assets of \$1.5 million which was from the sale of a reservoir site to GHID. Mr. Martin provided a comparison of monthly payment transactions between February 2018 and February 2023 and noted the shift from checks and credit cards being used for payments to EFT/ACH and P-cards. He also described the potential need for bonding for major projects.

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**Conservation update**

Mr. Matt Olsen, Assistant General Manager, reported on the adoption of Water Efficiency Standards (WES) for new construction in the JWCD's service area. He noted that the 2019 Conservation Plan Update identified widescale adoption of WES as a priority. Mr. Olsen also highlighted DWRe's ongoing efforts to promote WES adoption by offering additional turf rebate funds to cities that have implemented the standards. Consequently, many cities have taken the necessary steps to adopt these standards. Prior to 2023, Herriman City, South Jordan City, West Jordan City, JWCD's retail system, Bluffdale City, and Kearns Metro Township had adopted WES through ordinances or policies. In 2022, West Valley City and Riverton City began the process, which has now been completed. West Valley City updated its ordinances on January 10, 2023, while Riverton City did so on February 21, 2023. Mr. Olsen acknowledged the considerable effort involved in adopting ordinances and amending codes. He expressed his gratitude to all Member Agencies, cities, and townships that have adopted WES, emphasizing the benefits of water conservation for current and future generations.

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**Financial matters**

**Consider adoption of Resolution No. 23-10, "Tentatively Adopting JWCD's tentative Budget, Financial Plan, and Water Rates for Fiscal Year 2023-2024"**

Mr. John Taylor arrived at 3:41 p.m.

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Mr. Martin presented the tentative budget, financial plan, and water rates for fiscal year 2023-2024. He said that prior to this meeting, two Finance Committee meetings were held where staff and the Board reviewed and discussed the tentative budget and water rates in detail.

The fiscal year 2023-2024 budget is based on 102,000 acre-feet of water deliveries, a 5.0% average water rate adjustment, and a property tax increase of approximately nine percent. The proposed operation and maintenance budget has a 7.5% increase over last year's budget. A merit pay increase of 6.5% or step increase for employees below midpoint is proposed, with four new personnel positions included in the budget. He said \$5.7 million of the Revenue Stabilization Fund is budgeted to be used. The Conservation Programs budget increased by \$1.5 million which will be offset by funding grants. The proposed General Equipment budget is \$1,4 million, and the Net Capital Projects budget is \$61.2 million. Mr. Martin said the outcome of the proposed budget is a balanced approach using water rate increases, a property tax increase, and use of reserve funds. He said the current high inflation has influenced the budget for fiscal year 2023-2024. Mr. Martin reviewed the various departments' proposed operating and maintenance budgets.

Mr. Martin presented property tax historical data and said this year's certified tax rate is estimated to be 0.000345. He reviewed the tentative wholesale and retail water rates for fiscal year 2023-2024 and gave an overview of the rate study process. The base-extra capacity method is the cost-of-service method used to allocate costs and is designed to have a base component of all the costs that it takes to meet the average day demand. The extra day and extra hour costs are allocated to customers based on how the extra capacity portion of the JVVCD's system is being used. Mr. Martin said peaking factors for each Member Agency and for the retail system are measured each year at JVVCD's peak three-day period, which is different from year to year. As a Member Agency or the retail system changes its peaking factors, it also changes the allocation of those costs for all customers.

The proposed overall average water rate increase is 5.0%; however, a Member Agency or the retail system rate adjustment could be more or less, based on the extra capacity allocations. Some Member Agencies have a "pump zone" surcharge, which have been updated. The surcharge is due to the additional electrical power costs to pump water to a higher elevation zone. He shared the Block 2 and BCWTP water rates. He stated there is no change proposed to the meter base charge, the retail pricing tier thresholds, or the drought surcharges. Mr. Martin reviewed fees that have been updated.

Mr. Martin recommended adoption of Resolution No. 23-10, "Tentatively Adopting Jordan Valley Water Conservancy District's Tentative Budget, Financial Plan, and Water Rates for Fiscal Year 2023-2024."

Ms. Lang called for a motion on the recommendation. Ms. Sherrie Ohrn moved to adoption of Resolution No. 23-10, "Tentatively Adopting Jordan Valley Water Conservancy District's Tentative Budget, Financial Plan, and Water Rates for Fiscal Year 2023-2024." Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

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Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

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**Consider setting public hearing date on May 10, 2023, at 6:00 p.m. for proposed fiscal year 2023-2024 budget and water rates**

Mr. Martin recommended setting a public hearing date on May 10, 2023, at 6:00 p.m. for proposed fiscal year 2023-2024 budget and water rates.

Ms. Lang called for a motion on the recommendation. Ms. Barbara Townsend moved to set a public hearing date on May 10, 2023, at 6:00 p.m. for proposed fiscal year 2023-2024 budget and water rates. Following a second by Mr. John Taylor, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

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**Engineering Activities**

**Consider authorization to award a construction contract for 2023 Vault Improvement Project**

Mr. Jacob Young, Deputy General Manager, said this project is part of an ongoing effort to perform vault repair and replacement work on transmission system vaults in which equipment has reached the end of its serviceable life. Staff has identified several vaults that are suffering from age related advanced corrosion which requires replacement of the vault piping and valves. This project makes improvements to two existing vaults, abandons four vaults, and replaces one vault in the transmission system. Mr. Young recommended authorization to award a construction contract for the 2023 Vault Improvement Project to VanCon, Inc. in the amount of \$893,500.

Ms. Lang called for a motion on the recommendation. Mr. Mick Sudbury moved to authorize the award of a construction contract to VanCon, Inc. in the amount of \$893,500 for the 2023 Vault Improvement Project. Following a second by Mr. Reed Gibby, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

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**Consider authorization to award a construction contract for 4670 South 1590 East Well Rehabilitation**

Mr. Young said the work for this project is on a well that is currently out of service for motor repairs. While it is out of service, this project will remove and inspect the pump and chemically and mechanically redevelop the well to improve well productivity. Mr. Young recommended authorization to award a construction contract for 4670 South 1590 East Well Rehabilitation to Widdison Well Services, LLC in the amount of \$289,700.

Ms. Lang called for a motion on the recommendation. Mr. John Taylor moved to authorize the award of a construction contract to Widdison Well Services, LLC in the amount of \$289,700 for 4670 South 1590 East Well

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Rehabilitation. Following a second by Mr. Mick Sudbury, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

**Consider  
authorization to  
award construction  
contracts for 3300  
South Pipeline  
Replacement – Phase  
2**

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Mr. Young said Phase 1 of this project was awarded in August 2022 which included additional inspection of segments of pipe so staff could refine the design of Phase 2. This is a seventy year old pipeline that has been experiencing frequent breaks and requires replacement. Phase 2 consists of the installation of a 12-inch pipeline along 3300 South from 500 West to State Street in a heavy traffic area. This project was put out to bid in February 2023, but no bids were received. It was decided to put the project out to bid with three schedules which broadened the pool of contractors that could bid on the project.

Mr. Young recommended authorization to award construction contracts for 3300 South Pipeline Replacement – Phase 2 Schedule A to VanCon, Inc. in the amount of \$1,765,300 and Schedules B and C to Beck Construction in the amount of \$6,914,355.

Ms. Lang called for a motion on the recommendation. Mr. Reed Gibby moved to authorize award of construction contracts for 3300 South Pipeline Replacement – Phase 2 Schedule A to VanCon, Inc. in the amount of \$1,765,300 and Schedules B and C to Beck construction in the amount of \$6,914,355. Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

**Reporting Items**

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Mr. Mark Stratford, General Counsel, reported that JVVCD is in compliance with all legal requirements and internal District practices. Mr. Packard reviewed the routine reporting items which included: facilities rental agreements signed by the General Manager, easement encroachment agreements signed by the General Manager, lease agreements signed by the General Manager, performance indicators for February 2023, and media coverage. Mr. Shane Swensen, Engineering Department Manager, gave final project completion reports on the 2022 Vault Improvement Projects and the Point of the Mountain Actuator Replacements Project.

**Upcoming meetings**

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Ms. Lang reviewed the upcoming meetings including the Conservation Committee meeting, Monday, May 8 at 3:00 p.m.; Executive Committee Tour, Monday, May 8 at 3:00 p.m.; and Public Hearing, Wednesday, May 10 at 6:00 p.m. Ms. Lang recommended cancelling the Conservation Committee meeting scheduled for May 8, 2023. Mr. Mick Sudbury moved to cancel the May Conservation Committee meeting. Following a second by

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Ms. Sherrie Ohrn, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

**Closed meeting**

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Ms. Lang proposed to convene a closed meeting at 4:21 p.m. to discuss pending litigation. Ms. Sherrie Ohrn moved to go into closed session for the discussion. Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye	Mr. Jacob – aye
Ms. Lang – aye	Ms. Ohrn – aye
Ms. Ramsey – aye	Mr. Rushton – not present
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend - aye	

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The closed meeting convened at 4:28 p.m. with the following Trustees present: Mr. Reed Gibby, Mr. Zach Jacob, Ms. Karen Lang, Ms. Sherrie Ohrn, Mr. Mick Sudbury, Mr. John Taylor, and Ms. Barbara Townsend. Also present were: Alan Packard, General Manager; Jacob Young, Deputy General Manager; Mark Stratford, General Counsel; Matt Olsen, Assistant General Manager; Shazelle Terry, Assistant General Manager; Dave Martin, Chief Financial Officer; Beverly Parry, Executive Assistant; Shane Swensen, Chief Engineer and Engineering Department Manager; and Travis Christensen, Senior Engineer-Property.

No votes or actions were taken during the closed meeting.

**Open meeting**

**Adjourn**

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The open meeting was reconvened at 5:01 p.m. Ms. Lang called for a motion to adjourn. Mr. Zach Jacob moved to adjourn. Following a second by Mr. Mick Sudbury, the meeting adjourned at 5:02 p.m.

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Corey L. Rushton, Chair of the Board of Trustees

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Alan E. Packard, District Clerk

**JORDAN VALLEY WATER CONSERVANCY DISTRICT  
TRUSTEES EXPENSES REPORT  
APRIL 2023**

Meeting		Executive Committee Meeting April 10, 2023	Board Meeting April 12, 2023	Per Diem To Date for 2023 (Maximum 12)	Total Miles	Mileage \$.62 per mile	Total Per Diem	Total Amount
<b>Trustee</b>								
Gibby, Reed		X	X	8	60.00	37.2	\$ 60.00	\$97.20
Jacob, Zach			X	0	14.00	8.7	\$ -	\$8.68
Lang, Karen		X	X	2	42.00	26.0	\$ -	\$26.04
Ohrn, Sherrie		X	X	3	54.00	33.5	\$ 60.00	\$93.48
Ramsey, Dawn			X	1		0.0	\$ -	\$0.00
Rushton, Corey				0		0.0	\$ -	\$0.00
Sudbury, Mick		X	X	0	58.00	36.0	\$ -	\$35.96
Taylor, John		X	X	0	8.60	5.3	\$ -	\$5.33
Townsend, Barbara		X	X	0	40.00	24.8	\$ -	\$24.80
							<b>Total</b>	<b>\$ 291.49</b>






JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER ESTABLISHING A WATER SUPPLY AVAILABILITY LEVEL**

MAY 10, 2023

**SUMMARY:** The JWCD Drought Contingency Plan (DCP) identifies mitigation measures to become more resilient against future droughts and provides a framework for the implementation of response actions corresponding to various water supply availability levels. The DCP identified the criteria to be considered when establishing a water supply availability level, and the target demand reduction for each level.

Following the procedures defined in the DCP, JWCD convened a drought monitoring committee to evaluate the current water supply conditions. The committee is comprised of one voting member from each of the 17 wholesale member agencies and one voting member from JWCD staff. The committee met on March 15<sup>th</sup> and voted to recommend that the JWCD Board establish Water Supply Availability Level 0 (see results of the committee vote shown in the table below).

Water Supply Availability Level	Water Availability Description	Water Demand Reduction Target	Triggering Criteria Applied to Water Supply Availability Levels			Vote of Committee Members
			CUWCD Supply Availability (Jordanelle storage of CUP)	PRWUA Supply Allocation (in the Provo River Project)	Salt Lake Valley Groundwater Conditions	
 Level 0	Normal	None	at least 95% supply availability	At least an 80% supply allocation	3 year average diversions less than safe yield	8
 Level 1	Moderate	5 – 10%	At least a 95% supply availability	75-80% supply allocation	JV gw diversions to compensate for shortage exceeds 12,000 AF, or 3 year average exceeds safe yield	7
 Level 2	Severe	10 – 20%	At least 90-95% supply availability	75-80% supply allocation	JV gw diversions to compensate for shortage exceeds 16,000 AF, or 3 year average exceeds safe yield	—
 Level 3	Extreme	20 – 30%	At least 90-95% supply availability	<75% supply allocation	JV gw diversions to compensate for shortage exceeds 20,000 AF, or 3 year average exceeds safe yield	—
 Level 4	Critical/Exceptional	30 – 50%	Less than 90% supply availability	Less than 45% supply allocation	JV gw diversions to compensate for shortage exceeds 20,000 AF, or 3 year average exceeds safe yield	—

Since the Drought Monitoring Committee meeting on March 15<sup>th</sup>, the snowpack has increased significantly which further supports establishing Level 0 Water Supply Availability. Staff has prepared messaging acknowledging the public's excellent response in reducing water use during the last two years of severe



drought, emphasizing the importance of continued careful use of water this year, and encouraging landscape changes that will result in long-term durable conservation.

Water Supply Availability Messaging

<p>Level 0</p>	<ul style="list-style-type: none"> <li>• The public response to the drought during the last two years has been incredible. Collectively, these significant water use reductions have been instrumental in avoiding more extreme economic and environmental consequences.</li> <li>• Abundant snowpack from this winter has been beyond even our most optimistic projections. When this snow melts, it will provide much needed relief by filling critical reservoirs and recharging aquifers. Nature is filling the reservoirs, let's do our part to keep them full.</li> <li>• Despite one winter of great snow, multiple years of drought are still impacting our water supply. Any water we save this year will put us in a stronger position next year and increase the opportunity to get more water to Great Salt Lake.</li> <li>• Over the last two years, we discovered that it takes much less water than previously thought to adequately meet our water needs. We still need to use only what is necessary.</li> <li>• Make changes to your landscape to make it more sustainable for Utah's climate - take advantage of higher incentives offered through Utah Water Savers.</li> </ul>
<p>Level 1</p>	<ul style="list-style-type: none"> <li>• All messaging from Level 0</li> <li>• As we face the unpredictability of future drought conditions, it is crucial to acknowledge that a single strong winter will not negate the effects of multiple years of drought. To ensure the resilience of our water supply, we ask that the public maintain last year's water reduction efforts by decreasing overall water usage by 10% from typical levels.</li> </ul>

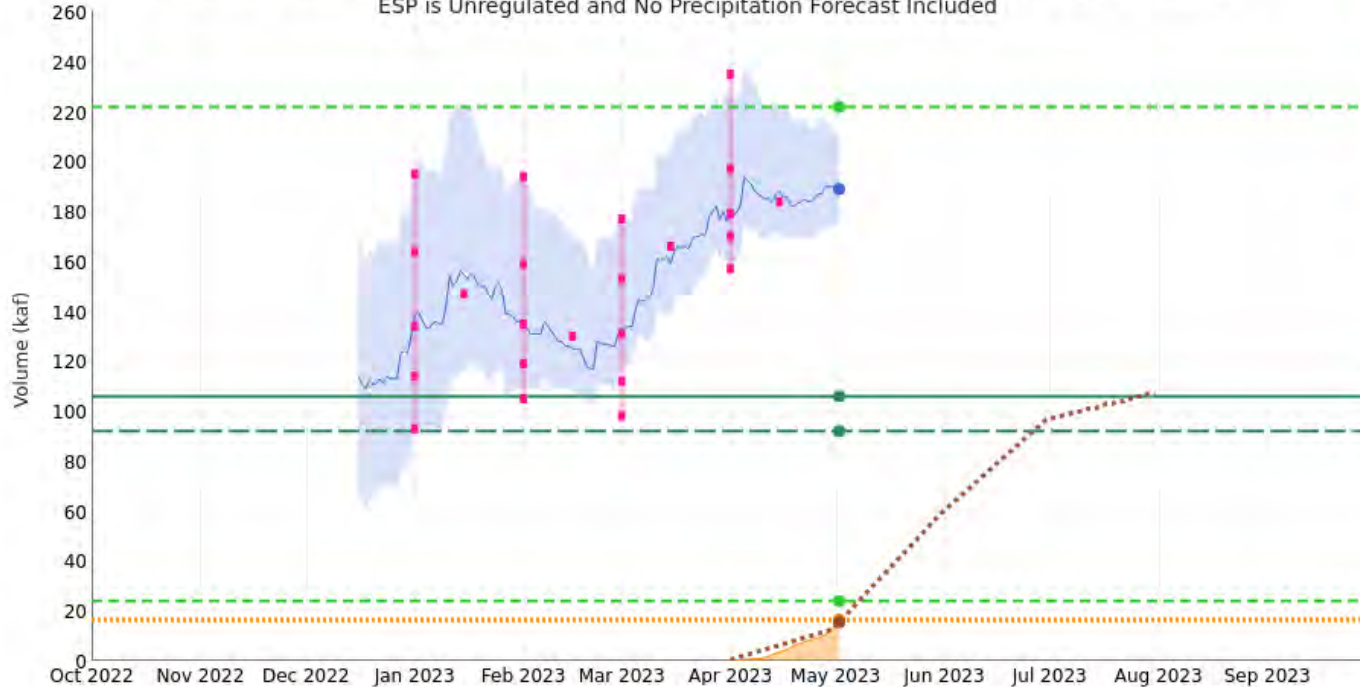
**Recommendation: Establish Water Supply Availability Level 0.**

# Colorado Basin Water Supply Forecast

Provo - Hailstone, Nr (PVHU1)

Period: Apr-Jul, Official 50% Forecast (2023-04-15): 184 kaf (174% Average, 200% Median)

ESP is Unregulated and No Precipitation Forecast Included



2023/05/02:

Max 2011: 221.93

Min 1977: 23.99

Average: 106

Median: 92

Observed Accumulation: 16.3

Observed Total: 16.3

Normal Accumulation: 15.5

ESP: 189

Water Supply	2021 Water Supply		2022 Water Supply		2023 Water Supply		2024 Water Supply	
	Planned Utilization (AF)	Actual Utilization (AF)	Planned Utilization (AF)	Actual Utilization (AF)	Planned Utilization (AF)	Updated Planned Utilization (AF) <sup>(a)</sup>	Planned Utilization (AF) <sup>(b)</sup>	Planned Utilization (AF) <sup>(c)</sup>
Central Utah Project (Jordanelle Storage)	47,400	42,625	46,700	38,475	44,700	40,000	47,000	40,000
PRWUA (Deer Creek Storage) + PRWUC & other un-stored rights + local streams	29,000	27,953	28,100	35,918	34,000	45,000	32,000	32,000
Salt Lake County high quality groundwater	12,000	16,748	15,000	15,908	11,500	5,000	15,000	15,000
CWP, SWJVGW	19,000	19,287	18,680	17,661	18,600	18,600	18,000	18,000
<b>Total</b>	<b>107,700</b>	<b>106,613</b>	<b>108,480</b>	<b>107,962</b>	<b>108,800</b>	<b>108,600</b>	<b>112,000</b>	<b>105,000</b>

a) Update after March 15th 2023 Drought Monitoring Committee Meeting

b) Plan assuming 95% exceedance probability snowpack and Level 0 Availability

c) Plan assuming 95% exceedance probability snowpack and Level 1 Availability

# **ENGINEERING ACTIVITIES**

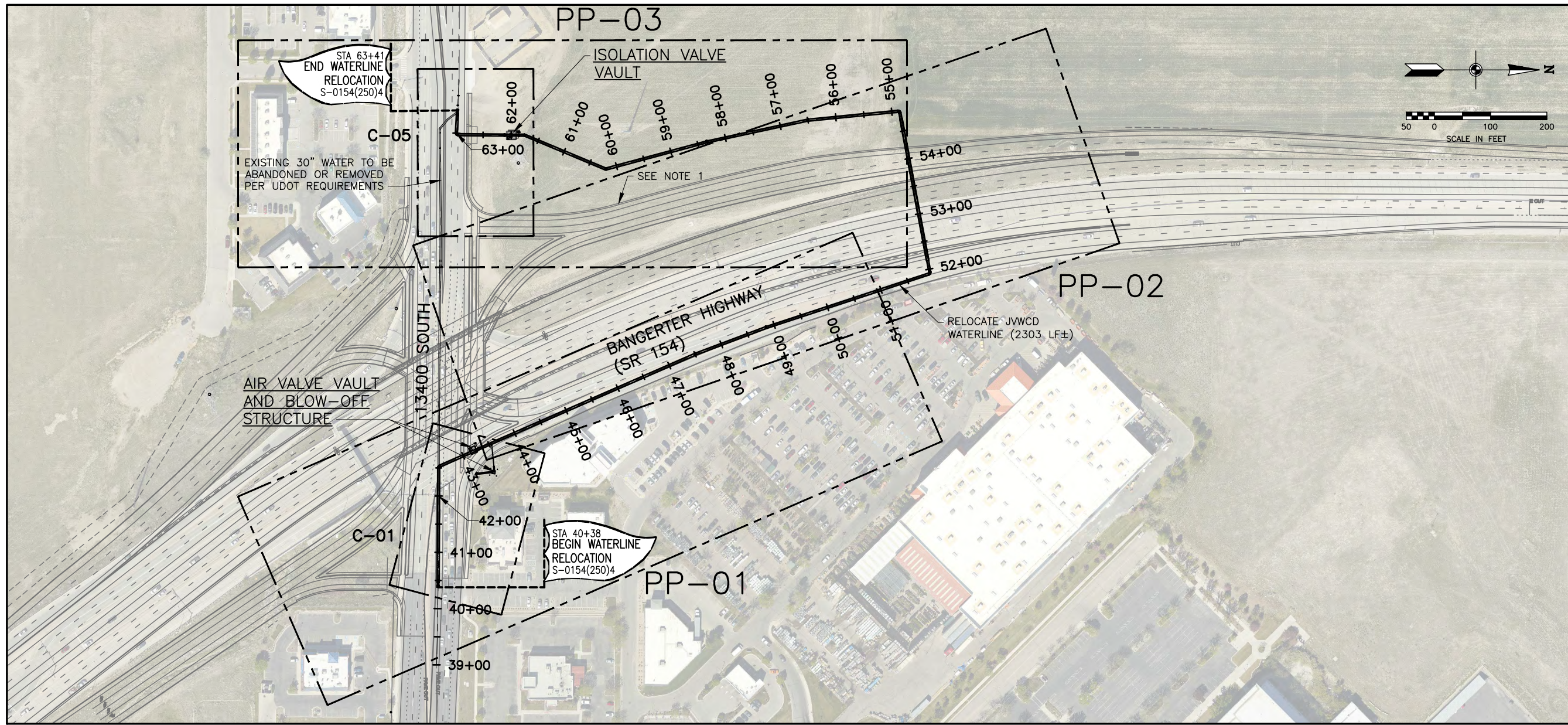
JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF MASTER AGREEMENT WITH  
UTAH DEPARTMENT OF TRANSPORTATION FOR  
BANGERTER HIGHWAY SOUTH INTERCHANGES PROJECT**

May 10, 2023

**Summary:** The Utah Department of Transportation (UDOT) is preparing to construct a grade-separated interchange along Bangerter Highway at 13400 South in Riverton as part of the Bangerter Highway South Interchanges Project. JVVCD owns and operates a 30-inch ductile iron pipeline which conflicts with the new interchange and will require relocation prior to roadwork beginning. The Master Agreement sets forth terms and conditions regarding the relocation. UDOT will bear all costs associated with relocation of the existing pipeline. JVVCD's pipeline will be upsized to 42-inch welded steel pipe to negate the headloss associated with looping the pipeline around the interchange.

**Recommendation:** **Approve the Master Agreement with UDOT and authorize the General Manager, General Counsel, and Deputy General Manager to make necessary revisions and execute the agreement.**



**NOTES:**

1. THE APPROXIMATE FUTURE ROADWAY IMPROVEMENTS ARE SHOWN FOR INFORMATIONAL AND PLANNING PURPOSES ONLY.
2. JWCD WATERLINE AND BANGERTER HIGHWAY HAVE DIFFERENT STATIONING.

P:\Horodak\241322-01 Bangerter Interchanges at 3900 S and 4700 S\Program Management\Phase2\0 Drawings\13400 South\13400 South.dwg, Plot Date: 3/16/2023, By: Seth Riggs

REVISIONS

<b>60% REVIEW</b>	
NO.	DATE
APPROVED BY	
REMARKS	

**NOT FOR CONSTRUCTION**

**UTAH DEPARTMENT OF TRANSPORTATION**  
BOWEN COLLINS & ASSOCIATES

APPROVED	DRAWN BY SR
PROFESSIONAL ENGINEER	QC CHECKED BY CN
MARCH 2023	DATE

PROJECT	BANGERTER SOUTH INTERCHANGES	
PROJECT NUMBER	JWCD 13400 SO. WATERLINE RELOCATION	
	S-0154(250)4	PIN   20415
OVERALL DRAWING INDEX MAP		

SHEET NO. **G-03**



## JORDAN VALLEY WATER CONSERVANCY DISTRICT MASTER AGREEMENT UT-08

**THIS MASTER AGREEMENT**, is made by and between the **Utah Department of Transportation**, (“UDOT”), and **Jordan Valley Water Conservancy District**, a Utah local district, (“District”). Each as party, (“Party”) and together as parties, (“Parties”).

### RECITALS

**WHEREAS**, UDOT is preparing to request proposals for and award a design-build contract for the highway project identified as Project Number S-0154(250)4, Bangerter Highway South Interchanges in Salt Lake County, Utah, (“Project”); and

**WHEREAS**, the design-build contractor will complete the design and administer construction of the Project (“Design-Builder”); and

**WHEREAS**, UDOT has identified District facilities (“Facility or Facilities”) within the limits of the Project which may necessitate the relocation, protection, or adjustment of the Facilities, (“Third-Party Work”); and

**WHEREAS**, the District desires for UDOT to design and perform the Third-Party Work on the District’s facilities necessitated by the Project; and

**WHEREAS**, the District will perform the necessary design review and inspection to accommodate the Project; and

**WHEREAS**, for the purpose of expediting any required Third-Party Work and reimbursement, the Parties are entering into this Master Agreement with the understanding that future Supplemental Agreements to this Agreement will be entered into covering the specific Third-Party Work to be accomplished by UDOT for each specific impact location.

**THIS AGREEMENT** is made to set out the terms and conditions for the Third-Party Work that shall be performed.



## AGREEMENT

**NOW THEREFORE**, the Parties agree as follows:

### 1. PROJECT RESPONSIBLE FOR COST

UDOT is responsible for 100% of the cost of the Third-Party Work of District's Facilities for those costs that comply with Utah Administrative Code R930-8 and are not located within the interstate system. Utah Code § 72-6-116(3)(a)(ii).

### 2. CONTACT INFORMATION

UDOT's Project Representative is John Bangle, Utility and Railroad Leader, telephone number (801) 867-6764, and e-mail [jbangle@utah.gov](mailto:jbangle@utah.gov).

UDOT's Resident Engineer is Devin Weder, telephone number (385) 228-9377, and e-mail [dweder@utah.gov](mailto:dweder@utah.gov), or their designated representative, as assigned.

UDOT's Field Representative contact person will be identified in subsequent Supplemental Agreements.

District's contact person is Ben Perdue telephone number (801) 565-4331, and e-mail [benp@jvwcd.org](mailto:benp@jvwcd.org).

After awarding the Project, UDOT will provide the District with the Design-Builder contact information, ("Design-Builder Project Representative").

### 3. AUTHORIZATION FOR DESIGN WORK

In order to facilitate coordination and obtain technical information about the District's Facilities and requirements for inclusion in this Agreement and the Request for Proposals, UDOT gave the District authorization for preliminary design engineering on July 25, 2022.

### 4. SUBSURFACE UTILITY ENGINEERING

UDOT has performed Subsurface Utility Engineering (SUE) within the limits of the Project. Additional SUE work to determine the precise location of underground facilities at specific, critical locations on the Project will be reviewed with the District.



**5. PROJECT COORDINATION**

The District requested that UDOT include items of Third-Party Work for relocating and adjusting District Facilities in the Project.

During the development of the Project design, the District and UDOT, along with its Design-Builder, shall consult as necessary in an effort to determine if conflicts with the District's Facilities can be avoided. If Third-Party Work for the District's Facilities is required by the Project, UDOT will be responsible to identify the conflicts and to design and construct the Third-Party Work of the District's Facilities. The District will perform the necessary design reviews prior to the start of Third-Party Work. UDOT's Project Representative will be responsible for coordinating with other Third-Parties as it relates to District's Facilities.

**6. DISTRICT REQUIREMENTS**

UDOT will comply with the following District requirements:

- a. To the extent the District's consent is required to take out-of-service temporarily any of the Facilities for purposes of the Project, the District hereby gives its consent to UDOT, subject to the terms of subparagraph 6(b). The District has no authority to act or give consent for other owners or stakeholders in any of these Facilities.
- b. The District relies upon the operation of these Facilities to provide water service to its customers. Uncoordinated or prolonged disruption to the operation of any Facility may cause the District to incur additional expense, including but not limited to the purchase of replacement water, the loss of revenues from water sales, purchase payments made by the District on take-or-pay water contracts although the District cannot take or use the contract water, additional pumping costs, additional conveyance costs, additional treatment costs, the operation of wells which otherwise would not have been operated, and damages paid by the District for breach of contract with customers for failure to provide them water. Therefore, District Facilities may be taken out of service by UDOT on one occasion and only pursuant to the following schedule, notwithstanding any other provision of this Agreement to the contrary:



Reference No.	Description	Shutdown Duration	Shutdown Schedule Window	Anticipated Shutdown Year	Notes
7a	13400 South connection to existing	2 Weeks - Fall	Oct 16, 2023 - Nov 11, 2023	2023/24	Contractor can choose one shutdown window in which the work will occur. The shutdown duration will be determined by the start date of the shutdown.
7b	13400 South connection to existing	4 Weeks - Winter	Nov 12, 2023 - March 3, 2024	2023/24	
7c	13400 South connection to existing	2 Weeks - Spring	March 3, 2024 - April 14, 2024	2023/24	
7d	13400 South connection to existing	2 Weeks - Fall	Oct 14, 2024 - Nov 17, 2024	2024/25	
7e	13400 South connection to existing	4 Weeks - Winter	Nov 18, 2024 - March 2, 2025	2024/25	
7f	13400 South connection to existing	2 Weeks - Spring	March 3, 2025 - April 13, 2025	2024/25	

- c. The District will review and provide comments on design plans within 2 weeks from the time UDOT delivers the design plans to the District.
- d. UDOT will supply as-constructed plans upon completion of any required Third-Party Work in a .pdf and .dwg format, or as otherwise specified by the District.
- e. UDOT shall reimburse the District for actual damages sustained by the District for UDOT's breach of paragraph 6.

**7. UDOT TO DESIGN AND CONSTRUCT DISTRICT'S THIRD-PARTY WORK**

UDOT will schedule and meet with the District to review the design and scheduling of the Third-Party Work for the District's Facilities at specific locations on the Project to ensure maximum lead time for advance order of materials and workforce scheduling.

- a. UDOT will secure permits required for Third-Party Work on District's Facilities.
- b. UDOT will notify the District at least **2 business days** in advance of beginning any Third-Party Work covered by any Supplemental Agreements hereto, to allow the District time to schedule an inspector to be present during the Third-Party Work. Subsequent notification of when and where Third-Party Work will be performed will be given on a day-to-day basis.

**8. RIGHT-OF-WAY**



The District shall cooperate with UDOT to identify conflicts between UDOT's proposed highway work and the District's operation of its Facilities. The District shall submit to UDOT all conveyances, vesting documents, or other evidence of title to real property related to the potential relocation of utility facilities as early as possible.

Any easements or replacement right-of-way required in conjunction with the Third-Party Work of District's Facilities will be acquired by UDOT at its sole cost in accordance with the requirements of Utah Administrative Code R930-8.

9. **BETTERMENT WORK**

UDOT may agree to include betterment work in the Project, providing the difference in costs between the required Third-Party Work and the desired betterment work shall be at the sole cost of the District and the betterment work can be accommodated without delaying UDOT's Project. The betterment work will be addressed by a separate local government betterment agreement between UDOT and the District.

Any betterment work, not previously requested, will be negotiated directly with the Design-Builder. However, UDOT has the sole discretion to determine whether the betterment work will be included in the Project.

10. **SUPPLEMENTAL AGREEMENTS**

UDOT and the District shall enter into Supplemental Agreements to cover Third-Party Work at specific Project locations. UDOT will provide design plans and Third-Party Work schedules for review and approval by the District prior to start of the Third-Party Work. A copy of the format of the proposed Supplemental Agreement is marked Exhibit "A" that is incorporated by reference.

The District will review and approve any final Supplemental Agreement submitted to the District by UDOT **within 2 weeks**.

In the event there are changes in the scope of the Third-Party Work, extra Third-Party Work, or changes in the planned Third-Party Work covered by a Supplemental Agreement, a modification to the Supplemental Agreement approved in writing by the Parties is required prior to the start of Third-Party Work on the changes or additions.

11. **DISTRICT TO NOTIFY UDOT**

District's personnel shall notify UDOT's Field Representative upon arriving and leaving the Project site for verification of inspecting Third-Party Work. District's personnel will comply with all applicable OSHA and Project safety requirements while within the Project limits.

## 12. INSPECTION

The District shall provide on-call engineering support by the District engineer or appropriate representative for design review, schedule coordination, or to correct or clarify issues during Third-Party Work, and to perform the necessary inspection on the District's Facilities installed by UDOT.

- a. The District engineer and/or inspector shall work with and through UDOT's Field Representative and shall give no orders directly to UDOT's Design-Builder unless authorized in writing by UDOT to do so. UDOT will accomplish the Third-Party Work covered herein on District's Facilities in accordance with the plans and specifications provided and/or approved by the District, including changes or additions to the plans and specifications, which are approved by the Parties hereto.
- b. The District shall immediately notify UDOT's Field Representative of any deficiencies in the Third-Party Work on the District's Facilities. The District shall follow up with written detail to UDOT's Project Representative of its findings within 24-hours of making its initial notification.
- c. UDOT will respond to District's concerns within 24-hours of written notification.
- d. The District, through its inspection of the Third-Party Work, will provide UDOT's Field Representative with information covering any problems or concerns the District may have with acceptance of the facilities upon completion of the Third-Party Work.
- e. Any periodic plan and specification review or construction inspection performed by UDOT arising out of the performance of the Third-Party Work does not relieve the District of its duty in the performance of the Third-Party Work or to ensure compliance with acceptable standards.

## 13. DAILY RECORDKEEPING

UDOT and the District will each keep daily records of onsite activities. The District's daily records will be completed on a form that has been preapproved by UDOT's Contracts, Compliance and Certification Manager. The daily records shall be signed by UDOT's Field Representative or their authorized representatives and by the District or its authorized representatives. Copies of the daily records shall be retained by the Parties to this Agreement.

## 14. REIMBURSEMENT

UDOT will not reimburse the District for costs incurred by District personnel for design review, observation, inspection, and operation of valves performed as part of their regularly assigned duties. Should it become necessary for the District to procure outside professional services to perform design review, observation, or inspection to accommodate the Third-Party Work and Project schedule, the District shall notify UDOT. Upon concurrence by UDOT, a Supplemental Agreement for the cost of the



services will be executed at which time the District may procure outside services through appropriate procurement. The District shall determine any need for outside professional services prior to providing estimates and include these costs in the estimates. UDOT will not reimburse for any testing, as UDOT will perform the required testing.

**15. SUBMITTAL OF ITEMIZED BILLS**

The District shall submit itemized bills covering the actual costs incurred for outside services to perform design review, oversight, and inspection work covered by Supplemental Agreements to:

UDOT Contracts and Compliance Specialist  
[constructionpayments@utah.gov](mailto:constructionpayments@utah.gov)  
or hardcopy mailed to  
4501 South 2700 West  
Construction Office, Box 148220  
Salt Lake City, Utah 84114-8220

Itemized bills shall bear the Project and Supplemental Agreement numbers, supporting sheets, and a complete billing statement of all actual costs incurred, following the order of the items in the detailed estimates contained in the Supplemental Agreement and be submitted to UDOT within **60 days** following completion of outside services by the District on the Project. Otherwise, previous payments to the District may be considered final, except as agreed to between the Parties in advance.

UDOT will reimburse the District within **60 days** after receipt of the billings, but only for items complying fully with the provisions of Utah Administrative Code R930-8. Failure on the part of the District to submit final billings within **6 months** of the completion of outside services will result in UDOT's disallowance of that portion of outside services performed by the District.

**16. SALVAGED MATERIALS**

All materials from District's existing Facilities which are recovered by UDOT while performing the Third-Party Work and not reused on this Project shall become the property of the Design-Builder unless otherwise agreed to in advance by the Parties hereto.

**17. RIGHT TO AUDIT**

UDOT and the Federal Highway Administration shall have the right to audit all cost records and accounts of the District pertaining to this Project in accordance with the auditing procedure of the Federal Highway Administration and 23 C.F.R. § 645, subpart A. Should this audit disclose that the District has been underpaid, the District will be

reimbursed by UDOT within **60 days** upon submission of additional billing to cover the underpayment. Should this audit disclose that the District has been overpaid, the District will reimburse UDOT within **60 days** of notification of audit findings in the amount of the overpayment. For purpose of audit the District is required to keep and maintain its records of outsidess services covered herein for a minimum of 3 years after final payment is received by the District from UDOT.

18. **ACCEPTANCE AND MAINTENANCE**

UDOT will provide notification to the District for acceptance of the Third-Party Work upon completion of UDOTs final inspection. District will have **60 days** to respond in writing to UDOT with any additional comments in regard to the Third-Party Work. After 60 days the District accepts the Third-Party Work. Upon completion of the Third-Party Work of District Facilities by UDOT and District's acceptance of the work, the District will own, and maintain the Facilities. The District shall be the sole owner of the Facilities upon completion of the Project unless otherwise agreed to by the Parties. To the extent it may lawfully do so, District further agrees to relieve UDOT from any responsibility or liability that may result from its new Facilities or the operation thereof.

19. **WARRANTY OF THIRD-PARTY WORK**

UDOT through its Design-Builder will provide a 1-year warranty covering the Third-Party Work completed on the District's Facilities, as stated in UDOT's Design-Build contract.

20. **ACCESS**

Access for maintenance and servicing of District's Facilities located on the right-of-way of the Project will be allowed only by permit issued by UDOT to the District, and that the District will obtain the permit and abide by conditions thereof for policing and other controls in conformance with Utah Administrative Code R930-7. If Access during the Project is needed, the District shall coordinate access with UDOT.

21. **INDEMNIFICATION**

UDOT and the District are both governmental entities subject to the Governmental Immunity Act. Each Party agrees to indemnify, defend, and save harmless the other from and against all claims, suits and costs, including attorneys' fees for injury or damage of any kind, arising out of its negligent acts, errors or omissions of its officers, agents, contractors or employees in the performance of this Agreement, and from and against all claims, suits, and costs, including attorneys' fees for injury or damage of any kind. Nothing in this paragraph is intended to create additional rights to third parties or to waive any of the provisions of the Governmental Immunity Act of Utah. The obligation to indemnify is limited to the dollar amounts set forth in the Governmental Immunity Act of Utah, provided the Act applies to the action or omission giving rise to the protections



in this paragraph. The indemnification in this paragraph shall survive the expiration or termination of this Agreement.

**22. MISCELLANEOUS**

- a. Each Party agrees to undertake and perform all further acts that are reasonably necessary to carry out the intent and purpose of this Agreement at the request of the other Party.
- b. This Agreement in no way creates any type of agency relationship, joint venture, or partnership between UDOT and District.
- c. The failure of either Party to insist upon strict compliance of any of the terms and conditions, or failure or delay by either Party to exercise any rights or remedies provided in this Agreement, or by law, will not release either Party from any obligations arising under this Agreement.
- d. This Agreement shall be deemed to be made under and shall be governed by the laws of the State of Utah in all respects. Each person signing this Agreement warrants that the person has full legal capacity, power and authority to execute this Agreement for and on behalf of the respective Party and to bind such Party.
- e. If any provision or part of a provision of this agreement is held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision. Each provision shall be deemed to be enforceable to the fullest extent under applicable law.
- f. This Agreement may be executed in one or more counterparts, each of which shall be an original, with the same effect as if the signatures were made upon the same instrument. This Agreement may be delivered by facsimile or electronic mail.
- g. This Agreement shall constitute the entire agreement and understanding of the Parties with respect to the subject matter hereof, and shall supersede all offers, negotiations and other agreements with respect thereto. Any amendment to this Agreement must be in writing and executed by authorized representatives of each Party.
- h. The date of this agreement is the date this agreement is signed by the last Party.

\*\*\*\*\*



Project No. S-0154(250)4, Salt Lake County  
Bangerter Highway South Interchanges  
Jordan Valley Water Conservancy District  
Charge ID No. 74311 PIN 20415

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed by their duly authorized officers.

Jordan Valley Water Conservancy District

ATTEST:

\_\_\_\_\_

\_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

(IMPRESS SEAL)

.....

Recommended For Approval:

Utah Department of Transportation

\_\_\_\_\_ Title: Utility and Railroad Leader

\_\_\_\_\_ Title: Project Director

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Approved as to Form

Comptroller Office

\_\_\_\_\_ Title: Assistant Attorney General

\_\_\_\_\_ Title: Contract Administrator

Date: \_\_\_\_\_

Date: \_\_\_\_\_





**EXHIBIT A**  
**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**SUPPLEMENTAL AGREEMENT NO. \_\_\_\_**

**Supplement to UDOT Finance No. \_\_\_\_\_**

**THIS SUPPLEMENTAL AGREEMENT** is made by and between the **Utah Department of Transportation**, (“UDOT”), and **Jordan Valley Water Conservancy District**, a political subdivision of the State of Utah, (“District”). Each as party, (“Party”) and together as parties, (“Parties”).

The Parties hereto entered into a Master Agreement (MA) dated \_\_\_\_\_, UDOT Finance No. \_\_\_\_\_. All the terms of the MA remain in full force and effect unless otherwise specified herein.

The Parties agree as follows:

1. UDOT will perform the following described Third-Party Work in accordance with the terms and conditions of the MA:
  - a. Plan sheets depicting the Third-Party Work are shown in Exhibit “A” that is incorporated by reference and are described as:
  - b. The District special provisions described in Paragraph 6 of the MA – District Requirements, are modified as follows:
  - c. Third-Party Work will be completed between **x** and **x**. A schedule for the Third-Party Work is shown in Exhibit “B” that is incorporated by reference.
  - d. As-built survey responsibility: The Design-Builder is responsible to collect the District As-built on behalf of the District.
  - e. Total estimated cost of District Work is shown in Exhibit “C” that is incorporated by reference.

TOTAL ESTIMATED COST OF DISTRICT BETTERMENT WORK	<b>\$0.00</b>
TOTAL ESTIMATED COST OF UDOT-PERFORMED THIRD-PARTY WORK	<b>\$0.00</b>
<b>COMBINED TOTAL ESTIMATED COST OF THIRD-PARTY WORK</b>	<b>\$0.00</b>

2. UDOT will notify the District’s contact person, Ben Perdue, telephone number (801) 565-4331, and e-mail [benp@jvwcd.org](mailto:benp@jvwcd.org) at least **2 business days** in advance of beginning and completing its portion of the Third-Party Work covered herein.
3. District will notify UDOT’s Resident Engineer, Devin Weder, telephone number (385) 228-9377, and e-mail [dweder@utah.gov](mailto:dweder@utah.gov), or their designated representative, as assigned at least **2 business days** in advance of beginning and completing its portion of the Third-Party Work covered herein.
4. The date of this Agreement is the date this Agreement is signed by the last Party.



**IN WITNESS WHEREOF**, the Parties hereto have caused these presents to be executed by their duly authorized officers.

Jordan Valley Water Conservancy District

\_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

.....

**Recommended For Approval:**

**Utah Department of Transportation**

\_\_\_\_\_  
**Title:** Utility and Railroad Leader

\_\_\_\_\_  
**Title:** Project Director

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Comptroller's Office**

\_\_\_\_\_  
**Title:** Contract Administrator

**Date:** \_\_\_\_\_