



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

**PUBLIC HEARING
OF THE BOARD OF TRUSTEES
MAY 8, 2024**

January 10, 2024

February 14, 2024

March 13, 2024

April 10, 2024

May 8, 2024

June 5, 2024

July 10, 2024

August 14, 2024

September 11, 2024

October 9, 2024

November 13, 2024

December 11, 2024

NOTICE OF PUBLIC HEARING OF THE BOARD OF TRUSTEES
OF JORDAN VALLEY WATER CONSERVANCY DISTRICT

PUBLIC NOTICE is hereby given that the Board of Trustees of the Jordan Valley Water Conservancy District will hold a Public Hearing/Board meeting at 6:00 p.m. on Wednesday, May 8, 2024, at the District Administration Building located at 8215 South 1300 West, West Jordan, Utah. Members of the public may attend this meeting in person or electronically. For information on how to join the meeting electronically, visit Jordan Valley Water Conservancy District's website at (<https://jvwcd.org/calendar/1659/jvwcd-board-meetingpublic-hearing>).

Agenda

1. Call to order and introduction of visitors
2. Public hearing on the tentative financial plan and budget for fiscal period July 1, 2024, to June 30, 2025, and the tentative wholesale and retail water rates for fiscal period July 1, 2024, to June 30, 2025
 - 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
 - iv. In lieu of fee
 - 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 5, 2024, Board meeting, to be held at 8215 South 1300 West in West Jordan, Utah, of the following items for fiscal year July 1, 2024, to June 30, 2025: 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. Upcoming meetings:
 - a. Conservation Committee meeting, Monday, June 3, at 3:00 p.m.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

NOTICE OF A PUBLIC HEARING
OF THE BOARD OF TRUSTEES
May 2024
PAGE 2

- b. Executive Committee meeting, Monday, June 3, at 3:30 p.m.
 - c. Regular Board meeting, Wednesday, June 5, at 3:00 p.m.
5. Adjourn

Date: May 7, 2024

By: _____
Alan E. Packard, District Clerk

If you would like to participate in an electronic meeting where public comment is allowed, you must use a computer, tablet or phone that is capable of connecting with the WebEx meeting software, app, or web browser. A person who desires to speak must submit a message in the chat box at the beginning of the meeting indicating the person's name, address and whom the person represents. Once recognized by the chair, the person should turn on their video and unmute their microphone to speak.

Participants who dial in to the meeting by phone will be able to listen to the meeting but will not be able to speak.

Reasonable accommodation will be made for disabled persons needing assistance to attend or participate in this meeting. Please contact Mindy Keeling at 801-565-4300.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

ACRONYM OR ABBREVIATION	DEFINITION
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
BRIC	Building Resilient Infrastructure and Communities
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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

ACRONYM OR ABBREVIATION	DEFINITION
ERP	Emergency Response Plan
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
LRB	LRB Public Financial Advisors
MGD	million gallons per day

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

ACRONYM OR ABBREVIATION	DEFINITION
MG	million gallons
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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

ACRONYM OR ABBREVIATION	DEFINITION
SLVHD	Salt Lake Valley Health Department
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	Taylorville 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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PUBLIC HEARING PROCEDURES

May 8, 2024

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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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May 8, 2024

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 - b. Executive Committee meeting, Monday, June 3, at 3:30 p.m.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PUBLIC HEARING PROCEDURES

May 8, 2024

- c. Regular Board meeting, Wednesday, June 5, at 3:00 p.m.
5. Adjourn

CERTIFICATE OF POSTING OF
NOTICE OF PUBLIC HEARING

Mindy Keeling hereby certifies that:

1. I am the Executive Assistant to the Jordan Valley Water Conservancy District (the "District") General Manager.
2. I provided notice of a public hearing to be held by the District's Board of Trustees on May 8, 2024, to receive input from the public with respect to the District's proposal to adopt a new per acre-foot fee for payment in lieu of conveying water rights or other water interests to the District when water from the District in excess of the available water budget is projected to be used in conjunction with significant new development (the "In Lieu of Fee").
3. On April 5, 2024, the In Lieu of Fee Notice was physically posted at the District's Administration Building, located at 8215 South 1300 West, West Jordan, Utah, and at the Conservation Garden Park Education Building, located at 8275 South 1300 West, West Jordan, Utah.
4. The In Lieu of Fee Notice was also published on the Utah public notice website on April 5, 2024, and on the District's official website on April 5, 2024.
5. The In Lieu of Fee Notice has not been removed and has periodically been verified as remaining in place.
6. The date the In Lieu of Fee Notice was published and posted was at least thirty (30) days before the date of the public hearing before the District's Board of Trustees.

Dated this 1st day of May, 2024.

Mindy Keeling
Mindy Keeling

EXHIBIT A

Copy of In Lieu of Fee Notice

NOTICE OF PUBLIC HEARING ON PROPOSED IN-LIEU FEE ADOPTION

The Board of Trustees of the Jordan Valley Water Conservancy District (the "District") intends to adopt a per acre-foot fee for payment in lieu of conveying water rights or other water interests to the District when water from the District in excess of the available water budget is projected to be used in conjunction with significant new development.

The District will hold a public hearing on Wednesday, May 8, 2024, 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. For information on how to "attend" the public hearing electronically, visit the District's website at (<https://jvwcd.org/calendar/1659/jvwcd-public-hearingboard-meeting>). The purposes of the public hearing are to hear public comments regarding the proposed fee and to explain the reasons for the fee.

The proposed per acre-foot fee will be discussed at the meeting and is anticipated to be between \$ 5,000.00 and \$ 6,000.00 per acre-foot. All interested persons in attendance at the public hearing may speak for or against the fee. Prior to the public hearing, written comments may be submitted to the District, to the attention of the Chief Financial Officer, at 8215 South 1300 West, West Jordan, Utah 84088.

The District will make reasonable accommodations for disabled persons needing assistance to attend or to participate in the public hearing. Requests for assistance can be made by contacting Mindy Keeling in the District's office at (801) 565-4300.

Dated: April 5, 2024



Alan E. Packard, Clerk
Jordan Valley Water Conservancy District

CERTIFICATE OF DISTRIBUTION OF
NOTICE OF PUBLIC HEARING

STATE OF UTAH)
) ss
County of Salt Lake)

Kelly Good, being duly sworn, says:

1. I am the Community Engagement Department Manager for Jordan Valley Water Conservancy District (the "District").
2. The District's Customer Service Supervisor 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 23, 2024, a copy of which is attached hereto as Exhibit A.
3. The District 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 24, 2024.
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 1 day of May, 2024.

Kelly Good
Kelly Good

Subscribed and sworn to before me on this 1st day of May, 2024.

Mindy Keeling
Notary Public

My Commission Expires:



EXHIBIT A

Copy of Mailed Notice of Public Hearing



PUBLIC HEARING TO ADOPT BUDGET AND INCREASE WATER RATES

MAY 8, 2024 at 6pm

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

April 22, 2024

Dear Valued Water Customer,

Jordan Valley Water Conservancy District (JVWCD) will present the proposed budget and water rates for its 2024/2025 fiscal year at a public hearing on Wednesday, May 8, 2024 at 6pm. The purpose of the meeting is to provide a comprehensive explanation of the proposed water rates and tentative budget for the coming fiscal year, including changes to 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 service area.

The proposed water rates will result in an overall average increase of 4.6% and are listed below. Current and 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, 2024.

	CURRENT RATES				PROPOSED RATES for 2024/2025			
(Per 1,000 Gallons)	Tier 1	Tier 2	Tier 3	Tier 4	Tier 1	Tier 2	Tier 3	Tier 4
Standard Rate	\$1.70	\$2.56	\$3.84	\$4.71	\$1.70	\$2.58	\$4.20	\$5.19
Riverton Foothills area	\$1.87	\$2.73	\$4.01	\$4.88	\$1.70	\$2.58	\$4.20	\$5.19
Pump Zone Surcharge*	-	-	-	-	\$0.17	\$0.17	\$0.17	\$0.17
Casto/Upper Willow Creek area	\$2.38	\$3.24	\$4.52	\$5.39	\$1.70	\$2.58	\$4.20	\$5.19
Pump Zone Surcharge*	-	-	-	-	\$0.75	\$0.75	\$0.75	\$0.75

* Pump zone surcharges are being unbundled from the rates beginning in the 2024/2025 fiscal year.

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 providing clean and reliable water to our community through responsible stewardship and quality service. 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.

SUMMARY OF FEES

Proposed fee adjustments in red

	2023/2024 FEES	PROPOSED 2024/2025 FEES						
GRAMA REQUEST FEES								
Paper copies (per sheet)	\$0.25	\$0.25						
Personnel time (charged in 15 minute increments):								
First 15 minutes	No fee	No fee						
Administrative Assistant (per hour)	\$40.00	\$40.00						
Records Manager (per hour)	\$40.00	\$40.00						
Consultant	Actual cost	Actual cost						
Conversion and mailing costs	Actual cost	Actual cost						
COMMUTING VALUATION FEE								
Employee commuting valuation fee (each way)	\$1.50	\$1.50						
ENCROACHMENT FEES								
Processing fee for easement encroachment applications	\$300.00	\$300.00						
JORDAN AQUEDUCT LICENSE AGREEMENT FEES								
Processing fee for Jordan Aqueduct easement encroachments:								
District fee	\$150.00	\$150.00						
U.S. Bureau of Reclamation fee	\$100.00	\$100.00						
TEMPORARY CONNECTIONS								
Temporary connection fee (actual charges for services rendered)	\$202.00	\$202.00						
Deposit (meter provided by customer)	\$300.00	\$300.00						
Deposit (meter provided by district)	\$1,500.00	\$1,500.00						
LINE EXTENSION								
Cost of extending facilities	Actual cost	Actual cost						
Deposit from applicant	2% of cost	2% of cost						
RETAIL CUSTOMER ACCOUNT FEES								
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	\$75.00	\$75.00						
Damage to existing connection	\$75.00	\$75.00						
Unauthorized use of services charge	\$200.00	\$200.00						
Water-efficient landscaping performance bond (per sq. foot)	\$2.00	\$2.00						
FIRE HYDRANTS, FIRE LINES, AND DETECTOR CHECK SYSTEMS								
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"	\$5.81	\$5.96						
4"	\$35.97	\$36.90						
6"	\$104.48	\$107.20						
8"	\$222.64	\$228.44						
10"	\$400.39	\$410.82						
RETAIL IMPACT AND CONNECTION FEES								
	FISCAL YEAR 2023/2024				FISCAL YEAR 2024/2025 (no change)			
Meter Size	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee
5/8"	\$2,907	\$370	\$200	\$200	\$2,907	\$370	\$200	\$200
3/4"	\$4,153	\$370	\$200	\$200	\$4,153	\$370	\$200	\$200
1"	\$8,305	\$456	\$200	\$200	\$8,305	\$456	\$200	\$200
1-1/2"	\$16,611	\$781	\$200	\$200	\$16,611	\$781	\$200	\$200
2"	\$26,577	\$841	\$200	\$200	\$26,577	\$841	\$200	\$200
3"	\$64,782	(a)	(a)	\$200	\$64,782	(a)	(a)	\$200
4"	\$118,767	(a)	(a)	\$200	\$118,767	(a)	(a)	\$200
6"	\$237,533	(a)	(a)	\$200	\$237,533	(a)	(a)	\$200
8"	\$472,575	(a)	(a)	\$200	\$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

OVERVIEW OF TENTATIVE FINANCIAL PLAN AND BUDGET



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

May 8, 2024

PUBLIC HEARING

Regarding proposed 2024/2025
budget and water rates

TENTATIVE FINANCIAL PLAN FOR THE
2024/2025 BUDGET



Public Hearing May 8, 2024



Overview of Presentation

- Review schedule of Board actions
- Overview of tentative financial plan and budget for the 2024/2025 fiscal year
- Review of Comprehensive Water Rate Study, for period July 1, 2024 – June 30, 2025
- Review in lieu of fee
- Questions from Trustees
- Public comments



Public Hearing
May 8, 2024



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 10th

Tentative budget and water rates approved

May 8th

Public hearing

June 5th

Adoption of budget, water rates, and property tax rate

August 14th

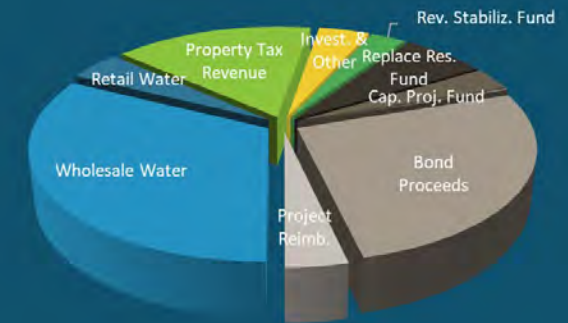
Public hearing for property tax increase (when needed)



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

2024/2025 BUDGET OVERVIEW

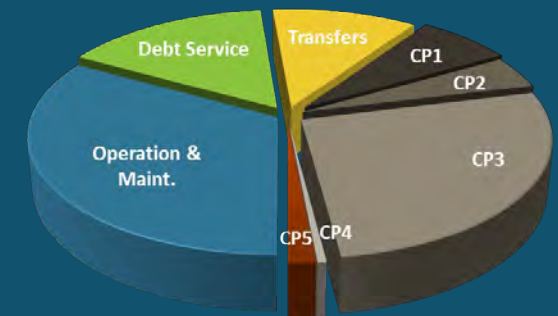
SOURCES OF FUNDS	2023/2024 Budget	2024/2025 Budget	\$ Change	% Change
Water Sales – Wholesale	\$ 54,767,689	\$ 58,959,984	\$ 4,192,295	7.7%
Water Sales – Retail	7,212,387	7,743,193	530,806	7.4%
Property Tax Revenue	28,731,637	29,461,200	729,563	2.5%
Investment Income	3,943,800	5,575,700	1,631,900	41.4%
Impact Fees	435,000	416,000	(19,000)	-4.4%
Other	<u>3,575,000</u>	<u>1,530,000</u>	<u>(2,045,000)</u>	<u>-57.2%</u>
Subtotal	\$ 98,665,513	\$103,686,077	\$ 5,020,564	5.1%
Short-Term Operating Res.	-	3,386,936	3,386,936	N/A
Revenue Stabilization Fund	5,663,452	1,800,748	(3,862,704)	-68.2%
Capital Projects Fund (net)	61,216,008	67,237,699	6,021,691	9.8%
Capital Projects (reimb.)	<u>11,889,642</u>	<u>6,547,432</u>	<u>(5,342,210)</u>	<u>-44.9%</u>
Total Sources of Funds	<u>\$177,434,615</u>	<u>\$182,658,892</u>	<u>\$ 5,224,277</u>	<u>2.9%</u>





JORDAN VALLEY WATER
CONSERVANCY DISTRICT

2024/2025 BUDGET OVERVIEW



USES OF FUNDS	2023/2024 Budget	2024/2025 Budget	\$ Change	% Change
Operation & Maintenance	\$ 59,725,718	\$ 60,388,138	\$ 662,420	1.1%
Bond Principal and Interest	25,405,675	28,494,500	3,088,825	12.2%
Transfers to Reserve Funds:				
Replacement Reserve	14,328,572	13,703,323	(625,249)	-4.4%
Development Fee	435,000	416,000	(19,000)	-4.4%
General Equipment	900,000	700,000	(200,000)	-22.2%
Emergency Reserve	300,000	200,000	(100,000)	-33.3%
Interest Alloc. to Funds	2,734,000	3,971,800	1,237,800	45.3%
Revenue, O&M	<u>500,000</u>	<u>1,000,000</u>	<u>500,000</u>	<u>100.0%</u>
Total Transfers	<u>19,197,572</u>	<u>19,991,123</u>	<u>793,551</u>	<u>4.1%</u>
Subtotal	<u>104,328,965</u>	<u>108,873,761</u>	<u>4,544,796</u>	<u>4.4%</u>
Capital Projects (gross)	<u>73,105,650</u>	<u>73,785,131</u>	<u>679,481</u>	<u>0.9%</u>
Total Uses of Funds	<u>\$177,434,615</u>	<u>\$182,658,892</u>	<u>\$ 5,224,277</u>	<u>2.9%</u>

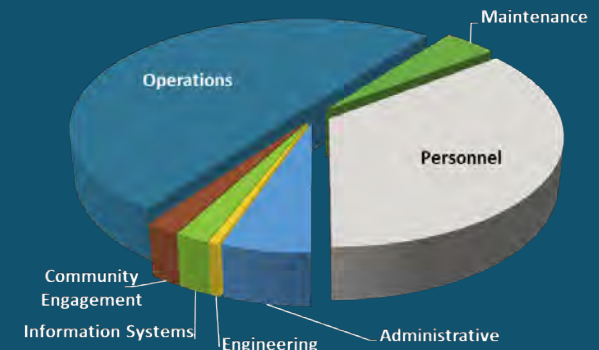


JORDAN VALLEY WATER
CONSERVANCY DISTRICT

2024/2025 Operation & Maintenance Budget

O&M EXPENSES	2023/2024 Budget	2024/2025 Budget	\$ Change	% Change
Administrative Services	\$ 2,936,795	\$ 3,223,265	\$ 286,470	9.8%
Engineering Department	350,835	363,595	12,760	3.6%
Information Systems Dept.	1,147,823	1,226,882	79,059	6.9%
Community Engage. Dept.	3,687,936	1,180,115	(2,507,821)	-68.0%
Operations Department	29,030,525	30,457,071	1,426,546	4.9%
Maintenance Department	2,159,802	2,549,789	389,987	18.1%
Personnel	<u>20,412,002</u>	<u>21,387,421</u>	<u>975,419</u>	<u>4.8%</u>
Total O&M Expenses	<u>\$ 59,725,718</u>	<u>\$ 60,388,138</u>	<u>\$ 662,420</u>	<u>1.1%</u>

Largest O&M Increases	Explanation of Increases	Amount
Misc Admin & Uniform	State Water Development Council (new legislation 2024)	\$ 174,095
Insurance	Premium increases for property and liability insurance coverage	168,357
Repair & Replacement	Increase in critical parts inventory, shift replacements from capital projects	410,472
Chemicals	Price increases on various chemicals for water treatment	439,429
Water Purchases	Central Utah Water Conservancy District price increases for water	888,068
Personnel	Pay raises for employees, three new positions, health insurance premiums	975,419





JORDAN VALLEY WATER
CONSERVANCY DISTRICT

2024/2025 General Equipment Budget

GENERAL EQUIPMENT	2023/2024 Budget	2024/2025 Budget	\$ Change	% Change
■ Conservation Assets	\$ 625,000	\$ -	\$ (625,000)	-100.0%
■ IS Equipment	111,000	162,000	51,000	45.9%
■ Telemetry Equipment	64,000	68,000	4,000	6.3%
■ General Equipment	97,000	242,000	145,000	149.5%
■ New Vehicles	<u>526,000</u>	<u>509,000</u>	<u>(17,000)</u>	<u>-3.2%</u>
Total General Equipment	<u>\$ 1,423,000</u>	<u>\$ 981,000</u>	<u>\$ (442,000)</u>	<u>-31.1%</u>

Largest Gen. Equip. Items	Description	Amount
Network & storage servers, UPS	Scheduled replacement of computer servers and UPS unit	\$ 162,000
Telemetry equipment	Replacement of circuit board and three power monitors	68,000
Tractor for grounds	Replace 27-year-old grounds tractor	98,000
Flatbed trailer for excavation eq.	Replace 25-year-old flatbed trailer for excavation equipment	40,000
Sport utility vehicles	Two new fleet vehicles for added positions	70,000
Light duty pickup trucks	Two replacement vehicles and two new fleet vehicles	212,000
Dump truck	One replacement of 20-year-old dump truck	215,000



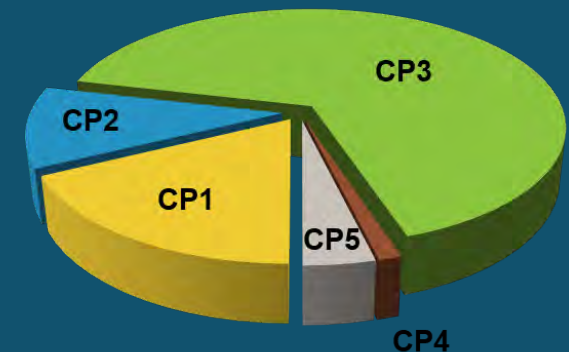


JORDAN VALLEY WATER
CONSERVANCY DISTRICT

2024/2025 Capital Projects Budget

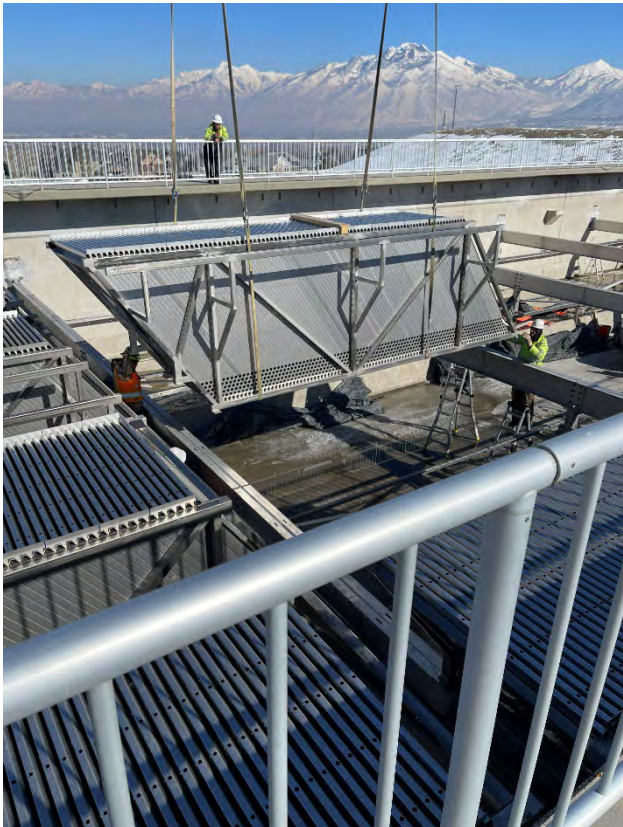
CAPITAL PROJECTS	2023/2024 Budget	2024/2025 Budget	\$ Change	% Change
CP1: Major rehabilitation or replacement of existing facilities	\$ 18,328,572	\$ 11,883,725	\$ (6,444,847)	-35.2%
CP2: New facilities needed for compliance or functional upgrades (no new capacity)	10,445,086	6,270,576	(4,174,510)	-40.0%
CP3: New water supply, treatment, conveyance, or storage facilities (new capacity)	31,792,350	47,623,898	15,831,548	49.8%
CP4: Projects to serve lands currently outside current boundaries	650,000	902,000	252,000	38.8%
CP5: Landscape conversion projects	<u>0</u>	<u>557,500</u>	<u>557,500</u>	<u>N/A</u>
Total Capital Projects	<u>\$ 61,216,008</u>	<u>\$ 67,237,699</u>	<u>\$ 6,021,691</u>	<u>9.8%</u>

Capital Project Category	Major Capital Projects Included in Budget	Amount
CP1	Distribution and transmission pipeline replacements	\$ 2,600,000
CP1	Rehabilitation of transmission system	3,700,000
CP2	JVWTP floc/sed basins seismic and process upgrades, and filter upgrades	1,600,000
CP3	JVWTP expansion from 180MGD to 255MGD	4,900,000
CP3	New storage reservoirs - 5200 W 6200 S 5MG & 118,000 S 7000 W 10MG	21,700,000
CP3	Southwest Aqueduct extension – 13400 S to 118000 S	8,800,000





Public Hearing May 8, 2024



JVWCD Tax Rate for 2024/2025

- Actual Certified Tax Rate isn't received from Salt Lake County Auditor's office until June
 - Current Tax Rate is 0.000341
 - Estimated Certified Tax Rate is 0.000334
- There is no tax rate increase included in the 2024/2025 tentative budget
- No Truth-in-Taxation public hearing is needed



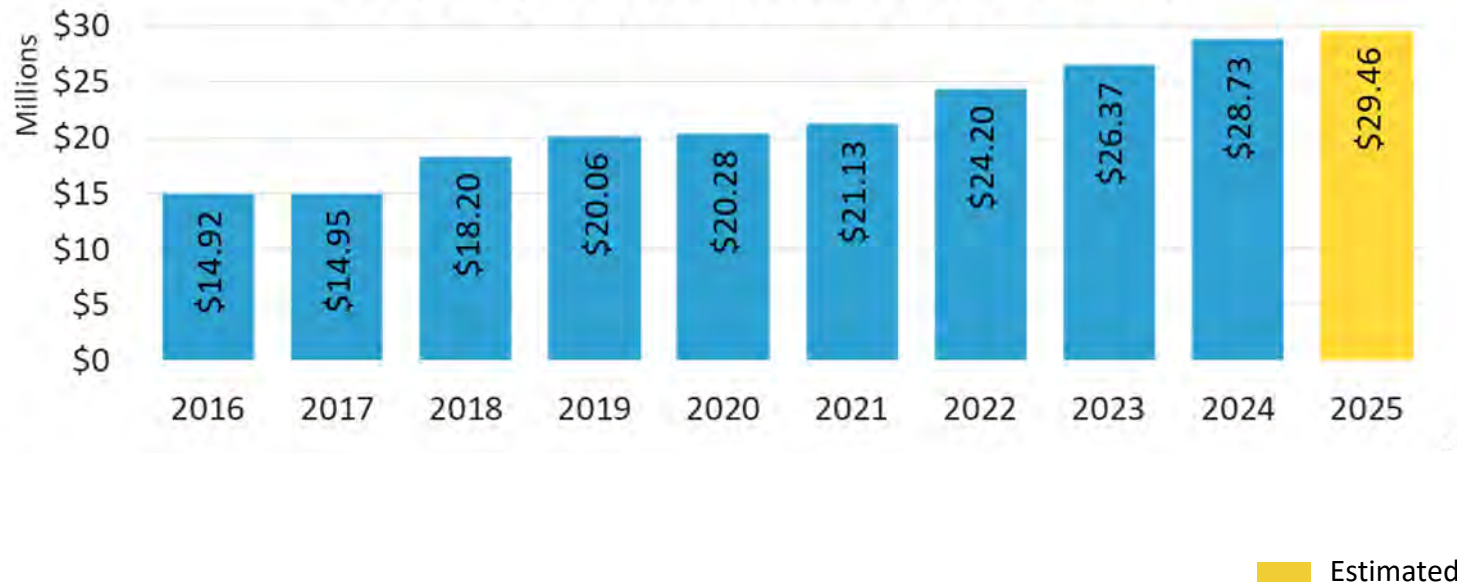
JORDAN VALLEY WATER
CONSERVANCY DISTRICT

PROPERTY TAX HISTORICAL SUMMARY

Certified/Adopted Property Tax Rates



Property Tax Revenues (Fiscal Year)

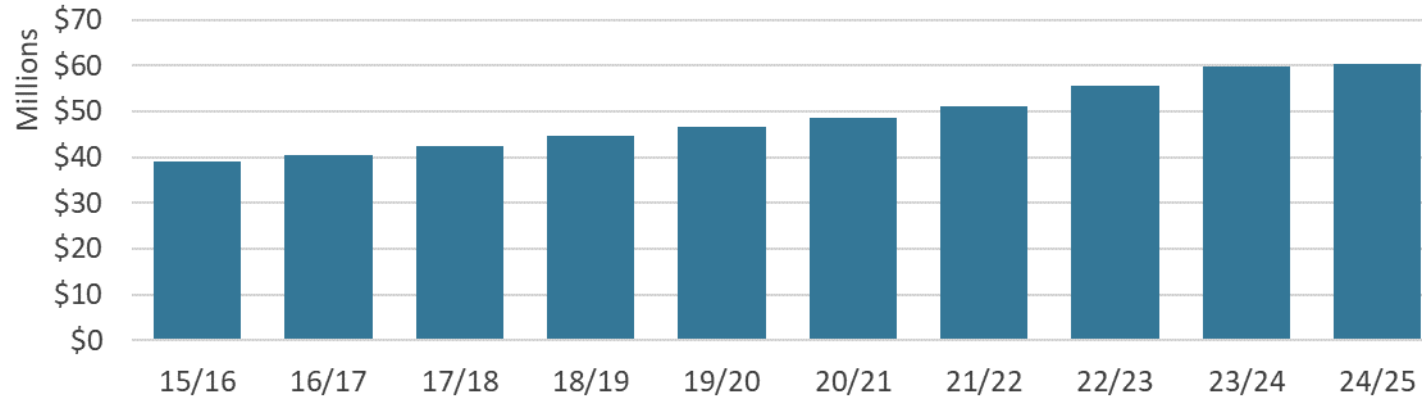




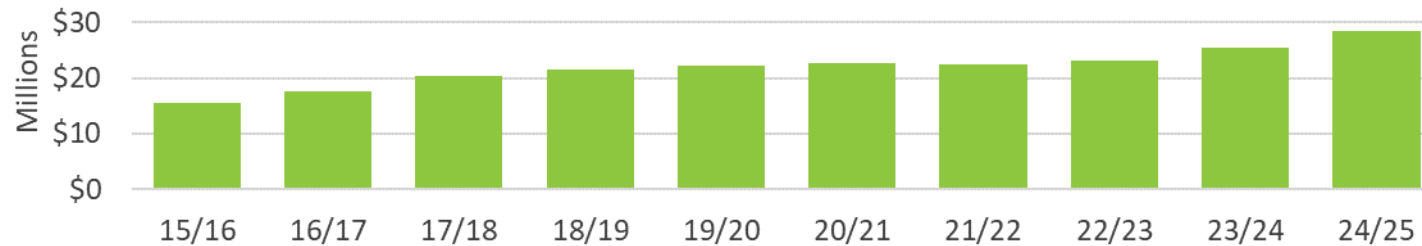
JORDAN VALLEY WATER
CONSERVANCY DISTRICT

O&M AND CAPITAL BUDGETS HISTORICAL SUMMARY

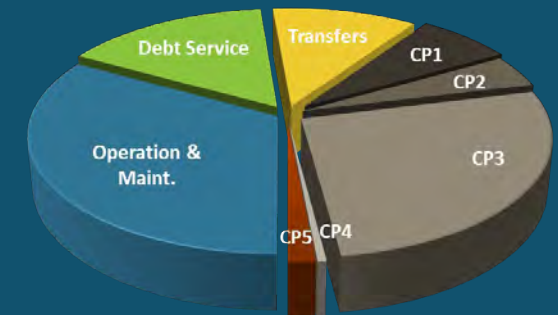
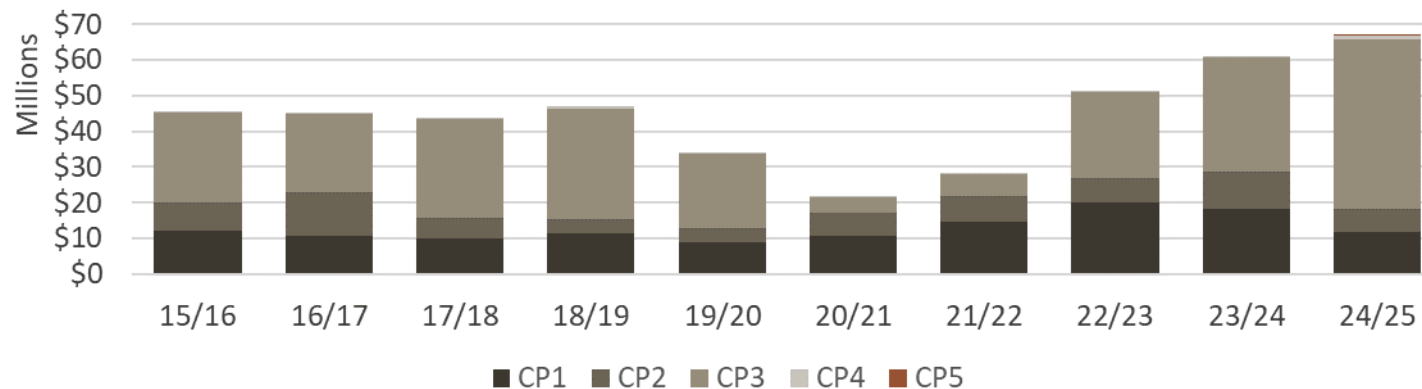
Total Budgeted O&M Expense



Total Budgeted Debt Service



Total Budgeted Capital Project Expenditures (Net)





2024/2025 WATER RATE REVIEW

Summary of Fees

NO CHANGE IN FEES

	2023/2024 Fees	2024/2025 Fees		2023/2024 Fees	2024/2025 Fees
GRAMA REQUEST FEES			TEMPORARY CONNECTIONS		
Copies:			Temporary connection fee:		
Paper (per sheet)	\$ 0.25	\$ 0.25	Actual charges for services rendered	202.00	202.00
Personnel time:			Deposit (meter provided by customer)	300.00	300.00
First 15 minutes	No fee	No fee	Deposit (meter provided by District)	1,500.00	1,500.00
Administrative Assist. (per hour)	40.00	40.00	LINE EXTENSION	Applicant	Applicant
Records Manager (per hour)	40.00	40.00	Cost of extending facilities	pays all exp.	pays all exp.
Consultant	Actual cost	Actual cost	Deposit from applicant	2% of cost	2% if cost
Conversion and mailing costs	Actual cost	Actual cost	FIRE HYDRANTS, FIRE LINES, AND DETECTOR		
COMMUTING VALUATION FEE			CHECK SYSTEMS	Actual cost	Actual cost
Commuting valuation fee (each way)	1.50	1.50	Installation and materials cost	paid by cust.	paid by cust.
ENCROACHMENT FEES			Initial installation inspection fee	\$ 200.00	\$ 200.00
Processing fee for easement			RETAIL CUSTOMER ACCOUNT FEES		
encroachment applications	300.00	300.00	Past due interest fees	18%	18%
JORDAN AQUEDUCT LICENSE AGREEMENT			Collection charge for past due service fee	20.00	20.00
Processing fee for Jordan Aqueduct			Service charge for dishonored checks	20.00	20.00
easement encroachments			Service restoration fee	75.00	75.00
District fee	150.00	150.00	Damage to existing connection	75.00	75.00
U.S. Bureau of Reclamation fee	100.00	100.00	Unauthorized use of services charge	200.00	200.00
			Water-efficient landscaping perf. bond	2.00	2.00
				per sq. foot	per sq. foot



2024/2025 WATER RATE REVIEW

Summary of Impact and Connection Fees

NO CHANGE IN FEES

Meter Size	FISCAL YEAR 2023/2024				FISCAL YEAR 2024/2025			
	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee	Impact Fee	Meter Fee	Install. Fee	Inspec. Fee
5/8"	\$ 2,907	\$ 370	\$ 200	\$ 200	\$ 2,907	\$ 370	\$ 200	\$ 200
3/4"	4,153	370	200	200	4,153	370	200	200
1"	8,305	456	200	200	8,305	456	200	200
1-1/2"	16,611	781	200	200	16,611	781	200	200
2"	26,577	841	200	200	26,577	841	200	200
3"	64,782	(a)	(a)	200	64,782	(a)	(a)	200
4"	118,767	(a)	(a)	200	118,767	(a)	(a)	200
6"	237,533	(a)	(a)	200	237,533	(a)	(a)	200
8"	472,575	(a)	(a)	200	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 8, 2024



Retail & Wholesale Water Rates

- Water Rate Study was performed by HDR Engineering
- An overall 6.0% water rate increase is budgeted for the 2024/2025 fiscal year
 - Wholesale member agencies range from 2.6% to 6.7%
 - Retail customers receive 4.6% adjustment
- Tiered rate for retail customers / wholesale uniform rate
- Annual Member Agency Meeting was held on April 16, 2024
- Proposed water rates and public hearing information were mailed to all retail customers

**TENTATIVE RETAIL AND WHOLESALE
WATER RATES PRESENTED BY:
SHAWN KOORN**

Water Rate Study

Results and Recommendations

May 8, 2024





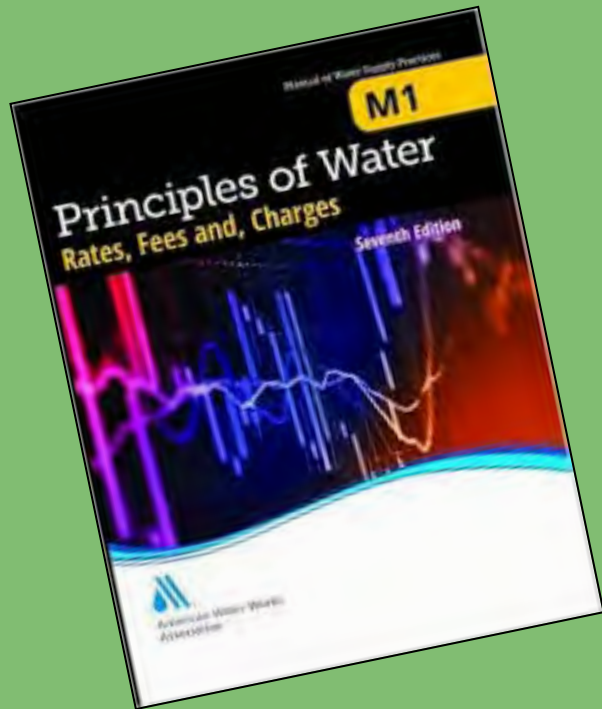
Purpose of the Presentation

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

Prior Board Meeting Summary

- Reviewed and discussed overall system adjustment and preliminary cost of service results
- Board provided direction
 - 6.0% overall rate adjustment
 - Finalize the cost of service analysis
 - Developed proposed rates based on the cost of service analysis

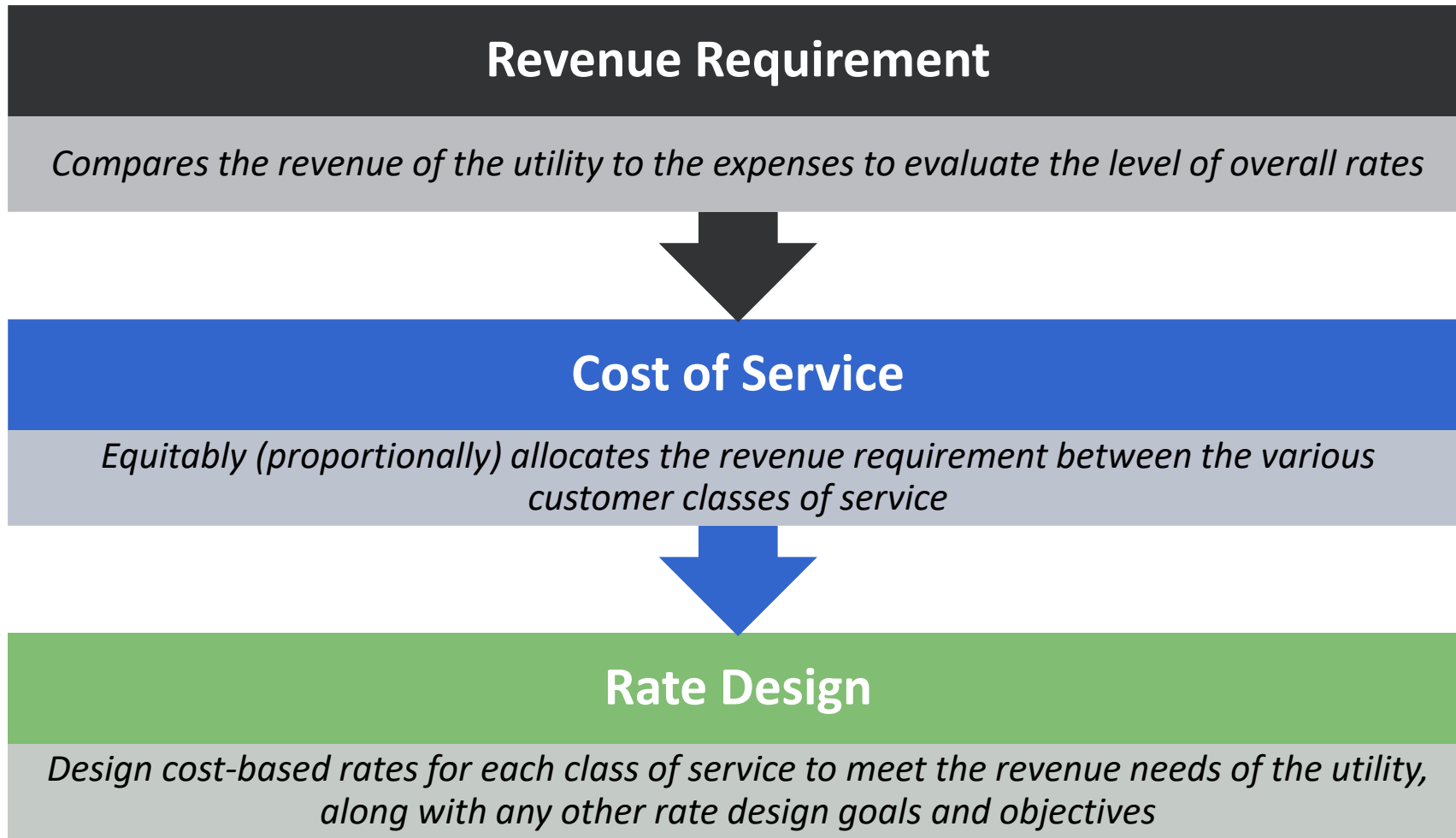
Overview of the Rate Setting Process



The 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

Draft 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 2024/25 at current rate levels
 - 104,000 acre feet (Four-year avg. customer consumption)
- Starting point for O&M is the FY 2024/25 preliminary budget
 - O&M is projected by inflationary factors
- Capital improvement plan
 - Current 10-year plan
 - Target funding renewals and replacements through rates
 - Remaining capital funded through periodic long-term debt
- Maintain prudent financial planning criteria
- HDR independently reviewed the need for rate revenue adjustments

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

Capital Project Budget	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	FY 2033/34
Renewals and Replacements	\$11,884	\$11,646	\$13,903	\$18,047	\$17,795	\$13,226	\$13,435	\$12,995	\$18,851	\$21,319
All Other Capital	56,055	88,676	77,704	50,788	36,062	22,617	10,987	19,478	18,026	24,958
Total Capital Expenses	\$67,939	\$100,322	\$91,607	\$68,835	\$53,857	\$35,843	\$24,422	\$32,473	\$36,877	\$46,277
Sources of Capital Funding										
From Capital Fund/Bond Proceeds	\$53,100	\$83,303	\$74,588	\$51,816	\$36,738	\$17,724	\$6,303	\$14,254	\$18,658	\$28,058
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	700	900	900	900	1,000	1,000	1,000	1,100	1,100	1,100
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	435	416	416	416	416	416	416	416	416	416
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
Rate Funded Capital	13,703	15,703	15,703	15,703	15,703	16,703	16,703	16,703	16,703	16,703
Total Sources of Capital Funding	\$67,939	\$100,322	\$91,607	\$68,835	\$53,857	\$35,843	\$24,422	\$32,473	\$36,877	\$46,277

Summary of the Revenue Requirement Analysis

(\$1,000s)

	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	FY 2033/34
Revenues										
Total Rate Revenues (excludes Pump Zone)	\$61,094	\$61,705	\$62,322	\$62,945	\$63,575	\$64,210	\$64,852	\$65,501	\$66,156	\$66,817
Total Miscellaneous Revenues	33,011	37,278	37,950	41,292	42,036	42,793	46,588	47,427	48,280	49,148
Total Revenues	\$94,105	\$98,982	\$100,271	\$104,237	\$105,610	\$107,003	\$111,440	\$112,927	\$114,436	\$115,965
Expenses										
O&M Expenses	\$58,444	\$61,264	\$63,726	\$66,273	\$68,980	\$71,561	\$77,509	\$80,267	\$83,118	\$86,065
Capital Outlays from Rates	13,703	15,703	15,703	15,703	15,703	16,703	16,703	16,703	16,703	16,703
Debt Service	28,495	32,127	32,821	34,558	35,679	35,323	36,473	37,072	38,317	39,197
Change in Working Capital	2,316	2,416	1,977	4,010	3,862	4,196	3,796	4,283	4,241	4,601
Revenue Stabilization Funds	(5,188)	(5,193)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)
Total O & M Expense	\$97,771	\$106,317	\$111,228	\$117,544	\$121,224	\$124,784	\$131,482	\$135,325	\$139,380	\$143,567
<i>Bal. / (Def.) of Funds</i>	<i>(\$3,666)</i>	<i>(\$7,335)</i>	<i>(\$10,956)</i>	<i>(\$13,307)</i>	<i>(\$15,614)</i>	<i>(\$17,781)</i>	<i>(\$20,041)</i>	<i>(\$22,397)</i>	<i>(\$24,944)</i>	<i>(\$27,601)</i>
Cumulative Balance as a % of rates	6.0%	11.9%	17.6%	21.1%	24.6%	27.7%	30.9%	34.2%	37.7%	41.3%
Assumed Annual Adjustments	6.0%	5.8%	5.0%	3.0%	2.8%	2.5%	2.5%	2.5%	2.6%	2.6%
Debt Service Coverage Ratios										
Before Rate Adjustment	1.27	1.19	1.13	1.11	1.04	1.02	0.94	0.89	0.83	0.77
After Proposed Adjustment	1.40	1.42	1.46	1.50	1.48	1.52	1.49	1.50	1.48	1.48

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 expenses
 - 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 District's customers (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 2024/25 costs for the test 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, etc.
- Pump charges are in addition to the non-pumped rates
- Unit costs are used to develop proposed rates

Cost of Service Projected Consumption

FY 2024/25	Base Consumption	
	2023	2024
Retail - Tier 1	2,980	3,149
Retail - Tier 2	2,302	2,226
Retail - Tier 3	1,634	1,535
Retail - Tier 4	684	839
Bluffdale	3,450	3,600
Draper City	4,350	4,300
Draper Irrigation	1,000	1,100
Granger-Hunter	18,500	17,600
Herriman	5,900	6,500
Hexcel	650	860
Kearns	7,500	7,750
Magna	800	800
Midvale	3,100	3,100
Riverton	4,600	5,400
South Jordan	18,000	18,000
South Salt Lake	1,020	1,020
State Corrections	500	300
Taylorsville-Bennion	4,700	4,700
West Jordan	20,000	20,900
Willow Creek	330	320
Total Consumption	102,000	104,000

Cost of Service – Peak Day Factors

						Average	
	2019	2020	2021	2022	2023	2023	2024
Retail	2.25	1.85	2.20	2.04	2.12	2.03	2.00
Bluffdale	2.59	2.02	2.02	1.92	2.24	1.98	1.98
Draper City	2.70	2.25	2.26	2.22	2.43	2.24	2.24
Draper Irrigation	4.38	5.26	3.29	3.00	4.26	3.55	3.51
Granger-Hunter	2.27	2.03	2.01	2.07	1.98	2.04	2.01
Herriman	2.64	2.19	2.23	2.48	3.27	2.30	2.30
Hexcel	1.21	1.00	1.24	1.15	1.30	1.12	1.13
Kearns	2.46	2.20	2.30	2.04	2.20	2.18	2.15
Magna	1.06	1.00	1.00	1.03	1.00	1.01	1.00
Midvale	2.14	1.78	1.91	2.11	1.80	1.94	1.83
Riverton	1.89	1.66	1.50	1.43	1.51	1.53	1.48
South Jordan	2.67	2.11	2.09	2.21	2.32	2.14	2.14
South Salt Lake	1.06	1.62	1.00	1.00	1.00	1.02	1.00
State Corrections	1.08	1.00	1.00	1.00	1.00	1.00	1.00
Taylorsville-Bennion	1.00	1.01	1.00	1.00	1.00	1.00	1.00
West Jordan	2.45	1.93	2.02	2.00	2.21	1.98	1.98
Willow Creek	3.06	2.58	3.19	2.60	3.39	2.74	2.79

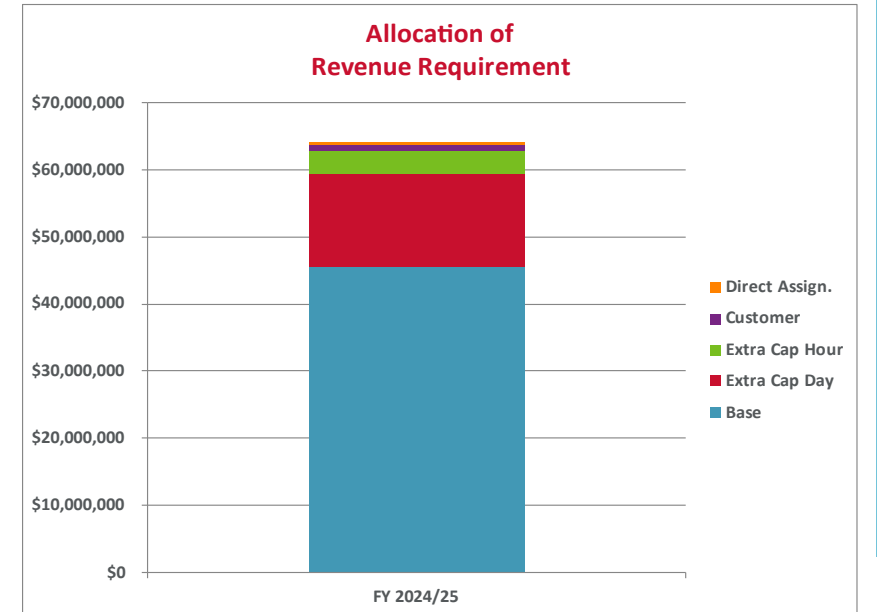
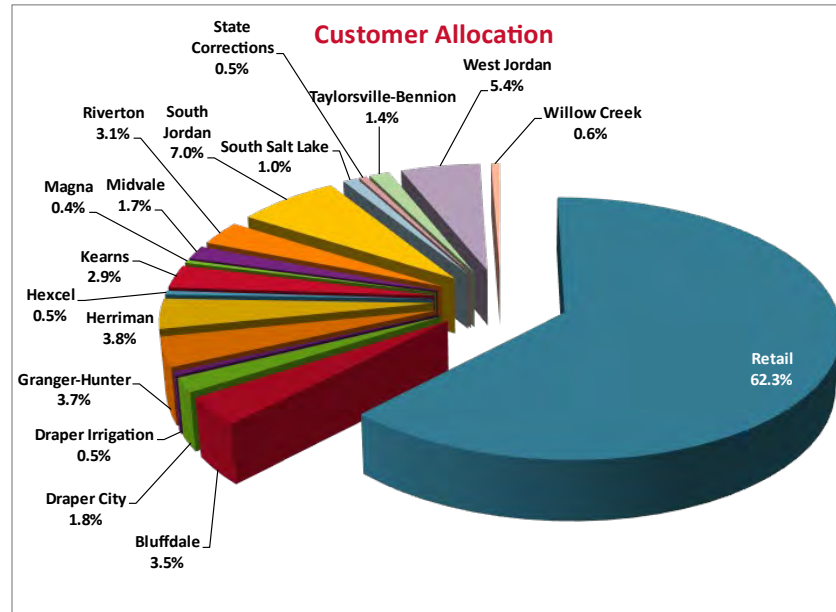
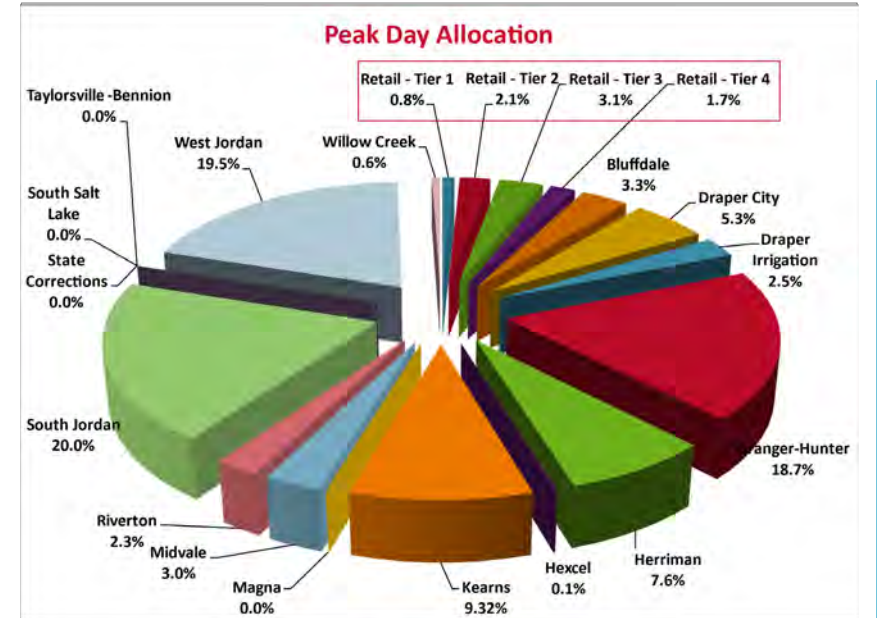
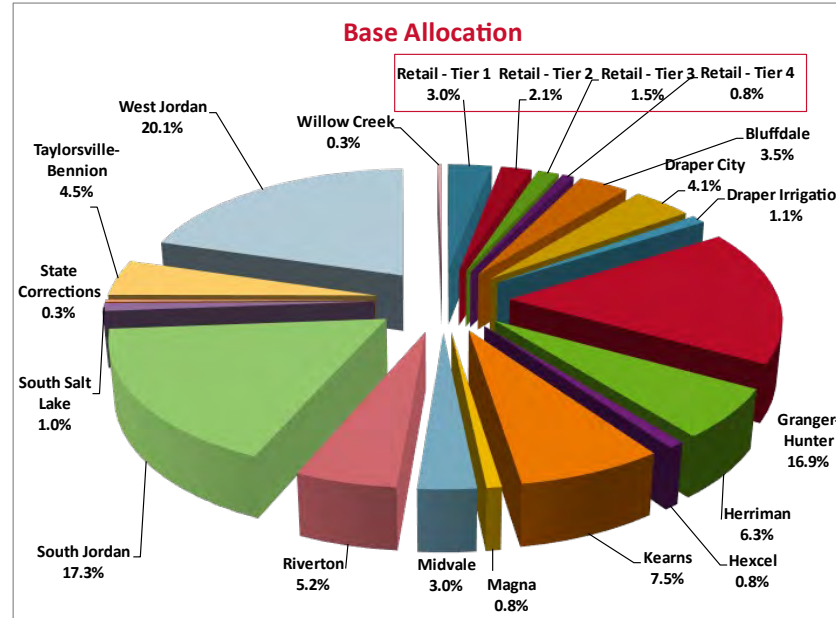
**Four Year Average Peak Less Highest Value, Based on Peak Day/Hour Factors; Provided By District*

Cost of Service – Peak Hour Factors

	2019	2020	2021	2022	2023	Average	
						2023	2024
Retail	2.41	2.03	2.32	2.04	3.23	2.13	2.13
Bluffdale	3.29	3.18	2.53	1.92	2.68	2.54	2.37
Draper City	2.70	2.25	2.26	2.22	2.43	2.24	2.24
Draper Irrigation	4.61	5.26	3.29	3.01	4.26	3.64	3.52
Granger-Hunter	3.01	2.64	2.80	2.72	2.89	2.72	2.72
Herriman	4.29	3.61	3.83	4.10	3.40	3.85	3.61
Hexcel	1.21	1.00	1.59	1.19	1.38	1.13	1.19
Kearns	3.23	2.62	2.65	2.94	3.97	2.74	2.74
Magna	1.06	1.00	1.00	1.06	1.00	1.02	1.00
Midvale	2.14	1.78	1.91	2.11	1.80	1.94	1.83
Riverton	2.15	1.77	1.76	1.53	1.82	1.68	1.68
South Jordan	2.83	2.31	2.28	2.42	2.58	2.34	2.34
South Salt Lake	1.06	1.62	1.00	1.00	1.00	1.02	1.00
State Corrections	1.08	1.00	1.00	1.00	1.00	1.00	1.00
Taylorsville-Bennion	1.00	1.02	1.00	1.00	1.00	1.00	1.00
West Jordan	2.98	2.29	2.56	2.36	2.52	2.40	2.39
Willow Creek	1.00	3.79	5.63	2.60	4.27	2.46	3.55

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

Cost of Service - Summary of the Allocation Factors



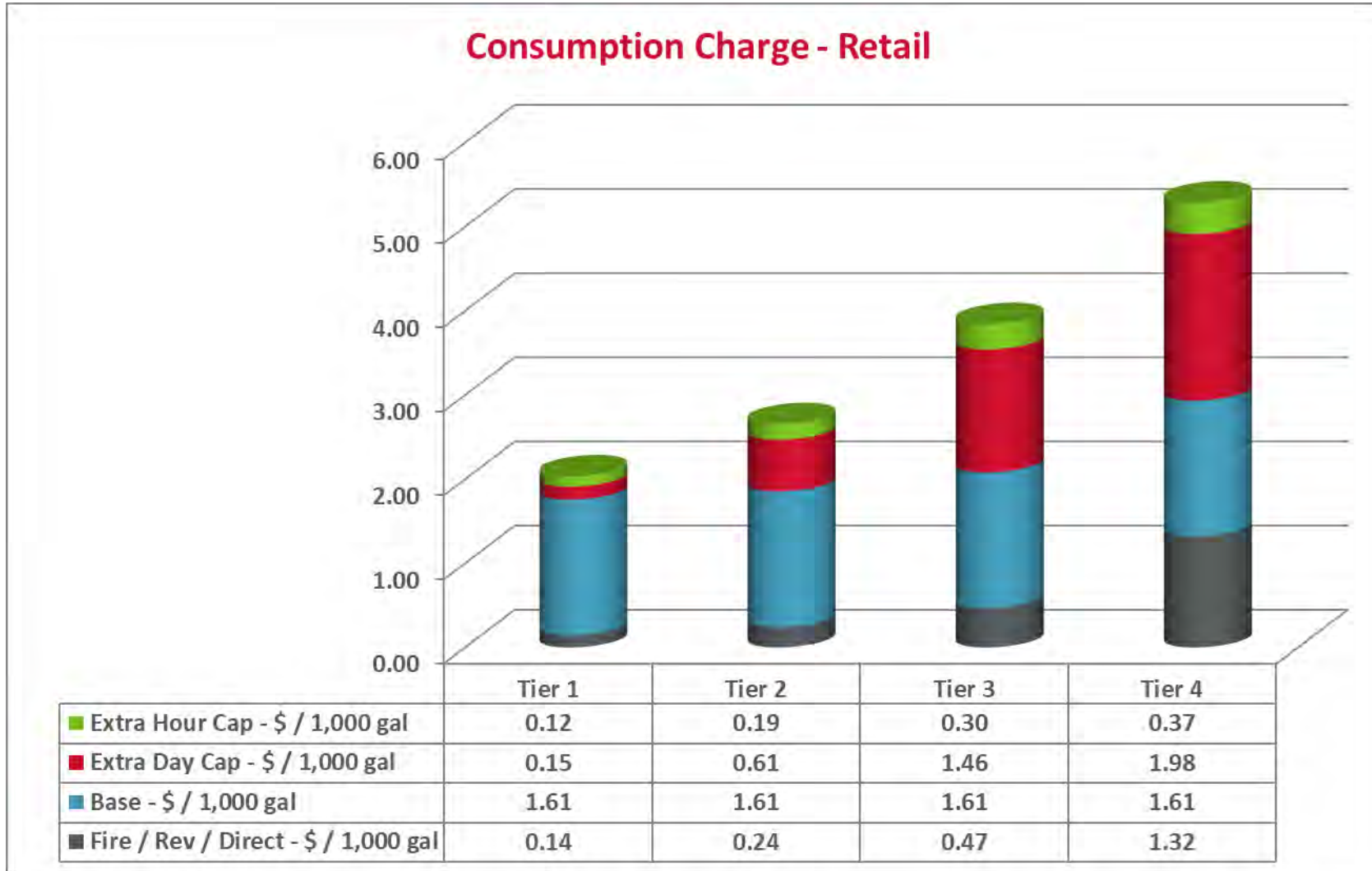
Cost of Service Summary (\$1,000s)

	FY 2024/25 [1]	Retail	Bluffdale	Draper City	Draper Irrigation	Granger-Hunter	Herriman	Hexcel	Kearns
Revenue at Present Rates	\$61,094	\$7,238	\$2,066	\$2,414	\$820	\$10,251	\$4,387	\$375	\$4,590
Net Allocated Revenue Requirements	\$64,759	\$7,572	\$2,151	\$2,577	\$841	\$10,868	\$4,555	\$398	\$4,867
Subtotal Balance/(Deficiency) of Funds	(\$3,666)	(\$334)	(\$86)	(\$162)	(\$21)	(\$616)	(\$168)	(\$23)	(\$277)
% Change over Present Rates	6.0%	4.6%	4.1%	6.7%	2.6%	6.0%	3.8%	6.2%	6.0%

	FY 2024/25 [1]	Magna	Midvale	Riverton	South Jordan	South Salt Lake	State Corrections	Taylorsville-Bennion	West Jordan
Revenue at Present Rates	\$61,094	\$337	\$1,633	\$2,647	\$10,125	\$432	\$129	\$1,952	\$11,668
Net Allocated Revenue Requirements	\$64,759	\$353	\$1,720	\$2,789	\$10,788	\$453	\$136	\$2,059	\$12,396
Subtotal Balance/(Deficiency) of Funds	(\$3,666)	(\$16)	(\$86)	(\$141)	(\$663)	(\$21)	(\$7)	(\$107)	(\$728)
% Change over Present Rates	6.0%	4.8%	5.3%	5.3%	6.5%	4.9%	5.6%	5.5%	6.2%

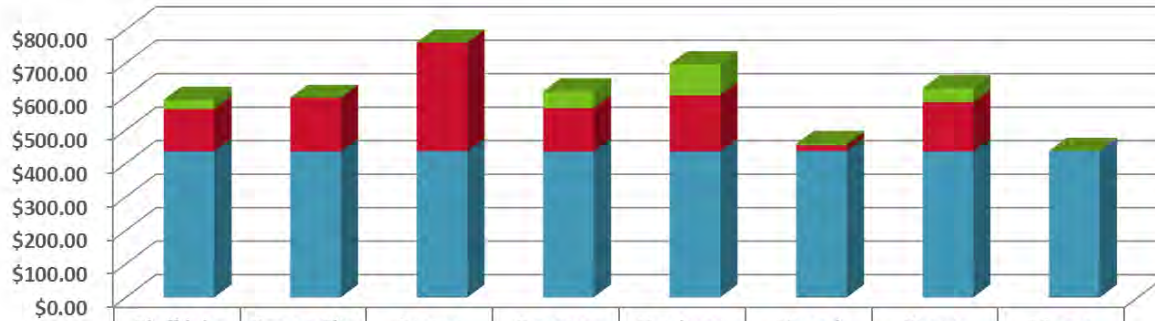
[1] - Totals include Willow Creek. Willow Creek not shown as rate is set by court decree.

Cost of Service – Retail Unit Cost by Component



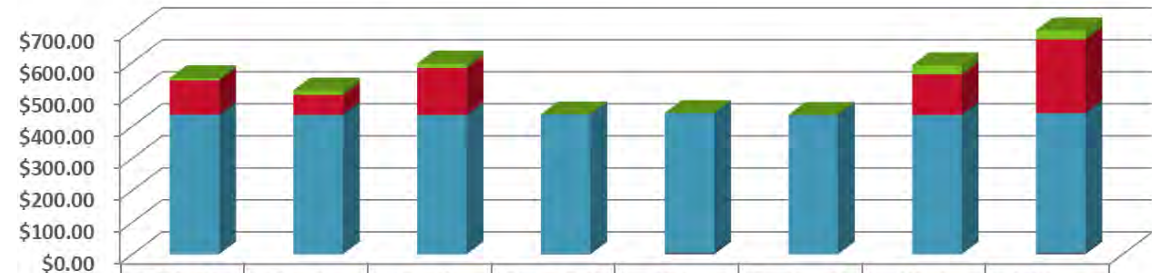
Cost of Service – Wholesale Unit Cost by Component

Consumption Charge - Wholesale



	Bluffdale	Draper City	Draper Irrigation	Granger-Hunter	Herriman	Hexcel	Kearns	Magna
■ Extra Hour Cap - \$ / AF	\$27.70	\$0.00	\$0.48	\$50.60	\$93.16	\$4.29	\$41.92	\$0.00
■ Extra Day Cap - \$ / AF	\$126.76	\$160.19	\$323.96	\$129.65	\$167.59	\$16.63	\$147.52	\$0.00
■ Base - \$ / AF	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63
■ Fire / Rev / DA - \$ / AF	\$0.51	\$0.43	\$1.66	\$0.10	\$0.28	\$2.13	\$0.24	\$2.29

Consumption Charge - Wholesale



	Midvale	Riverton	South Jordan	South Salt Lake	State Corrections	Taylorsville-Bennion	West Jordan	Willow Creek
■ Extra Hour Cap - \$ / AF	\$7.43	\$14.52	\$14.53	\$0.00	\$0.00	\$0.00	\$28.73	\$54.25
■ Extra Day Cap - \$ / AF	\$107.11	\$61.85	\$146.32	\$0.00	\$0.00	\$0.00	\$126.81	\$230.51
■ Base - \$ / AF	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63
■ Fire / Rev / DA - \$ / AF	\$0.59	\$0.34	\$0.10	\$1.79	\$6.10	\$0.39	\$0.09	\$5.72

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

Cost of Service – Summary and Recommendations

- Updated to reflect current customer characteristics and system operations
- Rate adjustments are within acceptable range based on an 6.0% overall Rate adjustment
 - +/- 5% of the system total
- Retail and Member Agency impacts reflect system use and peaking requirements
- Recommend implementing rates based on cost of service results

Rate Design

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 4.6%

<i>Present Retail Rates</i>				
<u>Base Charge</u>				
5/8" & 3/4"		\$3.00 /Month		
<u>Commodity Charge /1,000 gal.</u>				
<u>Tier by Size (3/4" Meter)</u>		Non-Pumped	Pumped Zone CS Surcharge	Pumped Zone WC Surcharge
Tier 1	1 - 9	\$1.70	\$0.17	\$0.68
Tier 2	10 - 23	2.56	0.17	\$0.68
Tier 3	24 - 53	3.84	0.17	\$0.68
Tier 4	54 +	4.71	0.17	\$0.68

<i>Proposed Retail Rates</i>				
<u>Base Charge</u>				
5/8" & 3/4"		\$3.00 /Month		
<u>Commodity Charge /1,000 gal.</u>				
<u>Tier by Size (3/4" Meter)</u>		Non-Pumped	Pumped Zone CS Surcharge	Pumped Zone WC Surcharge
Tier 1	1 - 9	\$1.70	\$0.17	\$0.75
Tier 2	10 - 23	2.58	\$0.17	\$0.75
Tier 3	24 - 53	4.20	\$0.17	\$0.75
Tier 4	54 +	5.19	\$0.17	\$0.75

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	6.40	6.41	0.01	0.1%
4	9.80	9.82	0.02	0.2%
6	13.20	13.22	0.02	0.2%
8	16.60	16.63	0.03	0.2%
10	20.86	20.92	0.06	0.3%
12	25.98	26.08	0.10	0.4%
14	31.10	31.25	0.15	0.5%
16	36.22	36.41	0.19	0.5%
18	41.34	41.58	0.24	0.6%
20	46.46	46.74	0.28	0.6%
22	51.58	51.91	0.33	0.6%
24	57.98	58.69	0.71	1.2%
26	65.66	67.09	1.43	2.2%
28	73.34	75.49	2.15	2.9%
30	81.02	83.89	2.87	3.5%
32	88.70	92.30	3.60	4.1%
34	96.38	100.70	4.32	4.5%
36	104.06	109.10	5.04	4.8%
38	111.74	117.50	5.76	5.2%
40	119.42	125.90	6.48	5.4%

Retail Rate Design

- Fireline Charges

<i>Fireline Rates</i>		
<u>Fireline Connection</u>	<u>Current</u>	<u>Proposed</u>
2"	\$5.81	\$5.96
4"	\$35.97	\$36.90
6"	\$104.48	\$107.20
8"	\$222.64	\$228.44
10"	\$400.39	\$410.82

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:
 - Customer usage patterns (most recent 4 years)
 - Peak day and peak hour average of the three lowest of the last four years
 - Current Operating and Capital Budgets
 - 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

Meter Size	<i>Present</i>	<i>Proposed</i>
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 2023-24)	Proposed (FY 2024-25)	Difference	
				\$	%
Bluffdale	4.1%	\$568.28	\$592.09	\$23.81	4.2%
JVWTP Zone Surcharge		29.58	25.21	(\$4.37)	-14.8%
Draper City	6.7%	\$559.55	\$597.28	\$37.73	6.7%
Draper Irrigation	2.6%	\$743.26	\$762.35	\$19.09	2.6%
Granger-Hunter	6.0%	\$581.29	\$616.30	\$35.01	6.0%
BN Zone Surcharge		22.43	21.07	(\$1.36)	-6.1%
Herriman	3.8%	\$671.14	\$696.93	\$25.79	3.8%
CS Zone Surcharge		56.36	54.64	(1.72)	-3.1%
Hexcel	6.2%	\$434.26	\$461.25	\$26.99	6.2%
BN Zone Surcharge		22.43	21.07	(1.36)	-6.1%
Kearns	6.0%	\$588.73	\$624.50	\$35.77	6.1%
BN Zone Surcharge		22.43	21.07	(1.36)	-6.1%
Magna	4.8%	\$418.54	\$438.72	\$20.18	4.8%
BN Zone Surcharge		22.43	21.07	(1.36)	-6.1%
Midvale	5.3%	\$523.68	\$551.54	\$27.86	5.3%

Wholesale Member Agency Rate Design (Cont'd)

	Cost of Service	Present (FY 2023-24)	Proposed (FY 2024-25)	Difference	
				\$	%
Riverton	5.3%	\$487.60	\$513.76	\$26.16	5.4%
CS Zone Surcharge		56.36	54.64	(\$1.72)	-3.1%
South Jordan	6.5%	\$560.44	\$597.28	\$36.84	6.6%
BN Zone Surcharge		22.43	21.07	(\$1.36)	-6.1%
BS Zone Surcharge		40.36	35.62	(\$4.74)	-11.7%
CS Zone Surcharge		56.36	54.64	(\$1.72)	-3.1%
DS Zone Surcharge		91.91	85.08	(\$6.83)	-7.4%
South Salt Lake	4.9%	\$420.17	\$440.83	\$20.66	4.9%
State Corrections	5.6%	\$418.10	\$441.99	\$23.89	5.7%
Taylorsville-Bennion	5.5%	\$413.91	\$436.66	\$22.75	5.5%
BN Zone Surcharge		22.43	21.07	(\$1.36)	-6.1%
West Jordan	6.2%	\$556.27	\$591.09	\$34.82	6.3%
BN Zone Surcharge		22.43	21.07	(\$1.36)	-6.1%
BS Zone Surcharge		40.36	35.62	(\$4.74)	-11.7%
CS Zone Surcharge		56.36	54.64	(\$1.72)	-3.1%
DS Zone Surcharge		91.91	85.08	(\$6.83)	-7.4%

Wholesale Member Agency Rate Design

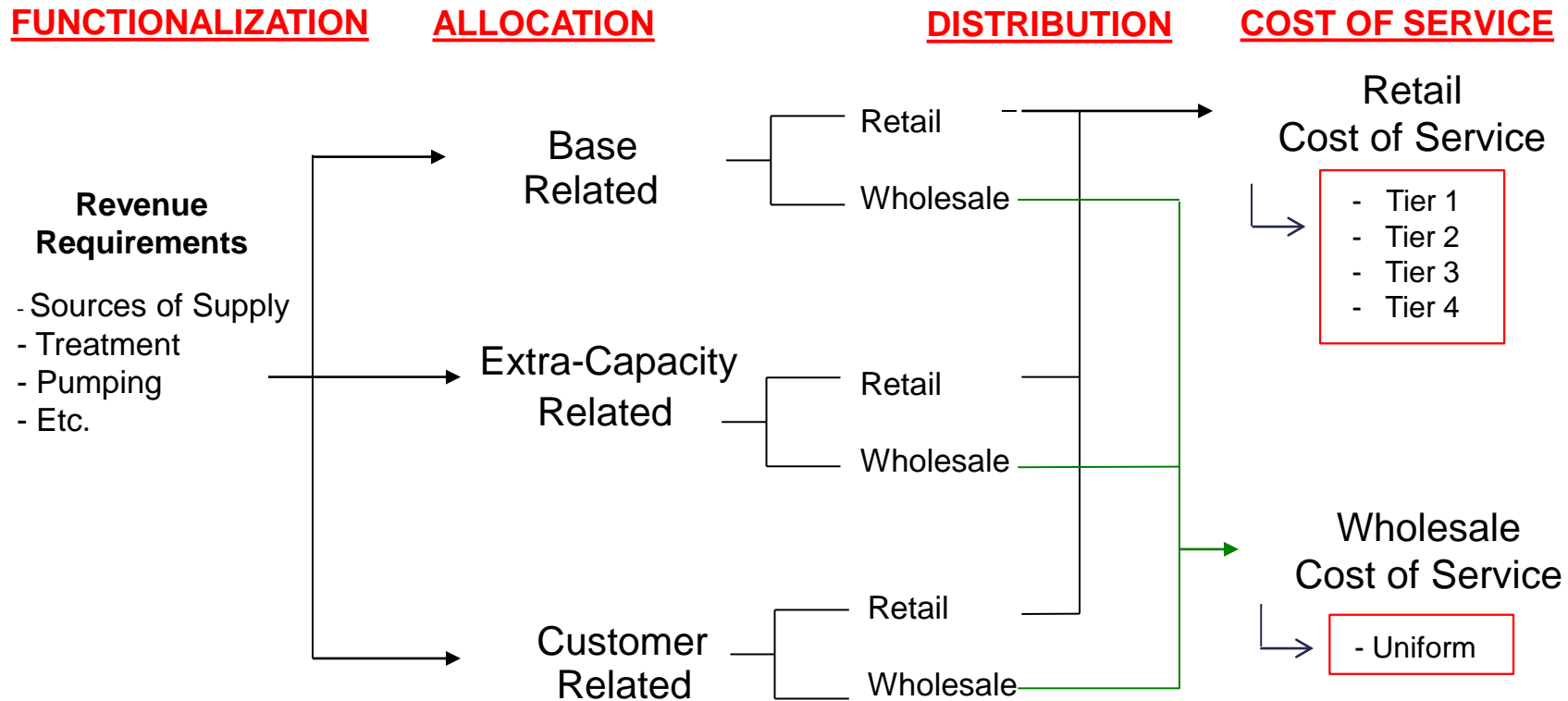
- Block 2 Water Rates and Pump Zone Charges
- Zone Surcharges are added to the block 2 rate when water is delivered within that zone.

	Present	Proposed	Difference	
	(FY 2023-24)	(FY 2024-25)	\$	%
CUWCD Costs	\$556.00	\$581.00	\$25.00	4.5%
CUWCD Debt Expense	247.00	247.00	0.00	0.0%
System Costs	325.52	318.44	(7.08)	-2.2%
Block 2 Rate	\$1,128.52	\$1,146.44	\$17.92	1.6%
BN Zone Surcharge	\$22.43	\$21.07	(\$1.36)	-6.1%
BS Zone Surcharge	40.36	35.62	(\$4.74)	-11.7%
CS Zone Surcharge	56.36	54.64	(\$1.72)	-3.1%
DS Zone Surcharge	91.91	85.08	(\$6.83)	-7.4%

Summary of the Rate Study

- Overall revenue adjustment of 6.0% in FY 2024/25
 - 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 agencies
- If approved by the Board rates would be implemented in July 2024

Example Overview of a Water Cost of Service Analysis



Cost of Service – Unit Costs

	Total [1]	Retail [2]	Bluffdale	Draper City	Draper Irrigation	Granger-Hunter	Herriman	Hexcel	Kearns
Base - \$ / AF	\$442.37	\$1.61	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63
Extra Day Capacity - \$ / AF	133.92	0.74	126.76	160.19	323.96	129.65	167.59	16.63	147.52
Extra Hour Capacity - \$ / AF	32.90	0.20	27.70	0.00	0.48	50.60	93.16	4.29	41.92
Public Fire / Revenue / Direct - \$ / AF	3.75	0.16	0.51	0.43	1.66	0.10	0.28	2.13	0.24
Total \$/AF	\$612.93	\$2.72	\$590.60	\$596.25	\$761.73	\$615.99	\$696.66	\$458.68	\$625.31
Customer Costs - \$ / account / month	\$9.42	\$6.82	\$2,101.20	\$1,072.41	\$284.58	\$2,188.82	\$2,229.89	\$284.39	\$1,721.16
Total \$/AF - Non Pumped	\$622.69	\$3.00	\$597.61	\$599.24	\$764.83	\$617.48	\$700.77	\$462.65	\$627.97

	Total [1]	Magna	Midvale	Riverton	South Jordan	South Salt Lake	State Corrections	Taylorsville-Bennion	West Jordan
Base - \$ / AF	\$442.37	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63	\$435.63
Extra Day Capacity - \$ / AF	133.92	0.00	107.11	61.85	146.32	0.00	0.00	0.00	126.81
Extra Hour Capacity - \$ / AF	32.90	0.00	7.43	14.52	14.53	0.00	0.00	0.00	28.73
Public Fire / Revenue / Direct - \$ / AF	3.75	2.29	0.59	0.34	0.10	1.79	6.10	0.39	0.09
Total \$/AF	\$612.93	\$437.92	\$550.76	\$512.34	\$596.58	\$437.42	\$441.73	\$436.02	\$591.26
Customer Costs - \$ / account / month	\$9.42	\$221.60	\$1,012.36	\$1,824.65	\$4,155.85	\$582.48	\$306.48	\$831.64	\$3,223.08
Total \$/AF - Non Pumped	\$622.69	\$441.24	\$554.68	\$516.39	\$599.35	\$444.28	\$453.99	\$438.14	\$593.11

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

[2] - Retail unit costs are in hundred cubic feet

IN LIEU OF FEE



Central Utah Water Water Share Purchase Program

Introduction/Background

Central Utah Water Conservancy District (CUWCD) is actively buying water shares in select companies on the Provo River and in Utah Lake. CUWCD has a set price based off the acre-ft quantification for each share. CUWCD is purchasing from the following companies at the following prices per share:

		<u>\$/AF</u>
Provo Bench Canal and Irrigation Co.	\$50,225.00	\$3,500
Provo Reservoir Water Users – Alpine District	\$30,000.00	\$5,576
Provo Reservoir Water Users – Orem District	\$22,000.00	\$3,679
Utah and Salt Lake Canal Company	\$6,885.00	\$1,500
Utah Lake Distributing Company	\$7,665.00	\$1,500
North Union Canal Company	\$26,600.00	\$3,500

Cost to Purchase Water Rights/Shares

JVWCD also purchases shares of Welby Jacob Water User's Company, East Jordan Irrigation Company, South Jordan Canal Company, and North Jordan Irrigation Company. Market price per acre-foot for shares in these companies is assumed equal to Utah & Salt Lake Company.



JVWCD New Water Supply Acquisition Costs (2023)

In-Lieu of Fee Calculation

Purchase water: 310.54 AF @ \$2,526/AF

Landscape Incentives: 119.53 AF @
\$11,989/AF

Weighted Average = \$5,156/AF

Recommended Fee Amount: \$5,100/AF

CHAPTER 2

WATER RATES, CHARGES AND FEES

2.1 PRICE STRUCTURE

The price structure for agreement categories is set forth in Appendix A, which includes at least one of the following:

- 2.1.1 Block 1 price structure consists of an aggregation of all costs related to: acquisition, conveyance and distribution, treatment, storage, pumping, capital, conservation, and any other related costs (collectively, "Water Costs") from existing District water supplies as of November 13, 2019, except the portions of the Central Water Project costs which become committed to Block 2 water purchase agreements. Block 1 will also include the Water Costs of the future Utah Lake Drainage Basin Water Delivery System (ULS), and other minor future water supplies noted in Appendix E. The water rates for Block 1 will be determined by the Base-Extra Capacity Method of the American Water Works Association for the Water Costs, as interpreted and implemented by the District. Attached Appendix E is illustrative, but not necessarily definitive.
- 2.1.2 Block 2 price structure consists of the Water Costs of the Central Water Project. The water rates for Block 2 will be determined by the Base-Extra Capacity Method of the American Water Works Association, as interpreted and implemented by the District.
- 2.1.3 The retail water price as determined by an annual water rate study performed by/for the District;
- 2.1.4 Meter Charges; or,
- 2.1.5 As otherwise set forth in agreements or court orders.
- 2.1.6 Certain other categories, including Block 1 (F) and X2, involve formulas which can be calculated at the time of need.

2.2 METER BASE CHARGES

Meter base charges shall be charged monthly to each active wholesale meter, regardless of the actual volume of water taken through the meter. The charges recover, in part, the District's expenses associated with the meter, including but not limited to meter reading, account billing, service and maintenance, repair, replacement, and other overhead items. For all member agencies, the charges will constitute the "Meter Base Charge" defined in the water purchase agreements and, beginning on January 1, 2004, these charges will be as shown on Appendix B and will replace the then-existing flat fee.

2.3 WHOLESALE RATE SURCHARGES APPLICABLE FOLLOWING ADOPTION OF A WATER SUPPLY RESTRICTION LEVEL

The District has prepared a Drought Contingency Plan (DCP) with grant funding assistance from the U.S. Bureau of Reclamation. In accordance with the DCP, the District will consider establishing water supply restrictions under ~~extraordinary drought conditions~~ **varying water supply availability conditions**. In order to encourage compliance with the adopted water supply restriction level, the District will apply a rate surcharge for water deliveries which exceed the established restriction amount. The applicable rate surcharges are identified in the tables below:

Drought Contingency Plan (DCP) Water Supply Restriction Level	Water Restriction based on contract volume	Rate surcharge for water deliveries exceeding restriction level
0 – Weather Neutral / Normal	n/a	n/a (a)
1 – Moderate	Maximum Contract Volume (b)	Block 2 Rate x 1.10
2 – Severe	Intermediate Contract Volume (c)	Block 1 Rate x 1.25 (d)
3 – Extreme	Minimum Contract Volume	Block 1 Rate x 1.50 (d)
4 – Exceptional/Critical	Less than Minimum Contract Volume < 100% (e)	Block 1 Rate x 2.00 (d)
Notes: a) Block 2 rates are charged for all water delivered which exceeds 120% Minimum Contract Volume regardless of DCP Water Supply Restriction Level. b) Maximum Contract Volume is 20% more than the Minimum Contract Volume defined in the Wholesale Water Purchase Agreement. c) Intermediate Contract Volume is 10% more than the Minimum Contract Volume defined in the Wholesale Water Purchase Agreement. d) Water deliveries in excess of Maximum Contract Volume will also be charged at Block 2 Rate x 1.10. e) During Level 4 – Exceptional/Critical conditions, the District will establish a water restriction level based upon the then current conditions.		

DROUGHT CONTINGENCY PLAN (DCP) SURCHARGE FLOWCHART

<i>DCP Water Supply Restriction Level</i>		<i>Contract Volume</i>			
		Minimum Volume	Intermediate Volume	Maximum Volume	Over Maximum
		100% or less of minimum volume	100%-110% of minimum volume	110%-120% of minimum volume	< 120% of minimum volume
Weather Neutral / Normal	Level 0	Block 1	Block 1	Block 1	Block 2
Moderate	Level 1	Block 1	Block 1	Block 1	Block 2 x 1.10
Severe	Level 2	Block 1	Block 1	Block 1 x 1.25	Block 2 x 1.10
Extreme	Level 3	Block 1	Block 1 x 1.50		Block 2 x 1.10
Exceptional/Critical	Level 4*	Block 1 x 2.0			Block 2 x 1.10
* In level 4, the District will establish an allowed volume based upon the then current conditions					

2.4 PAYMENT IN LIEU OF CONVEYING WATER INTERESTS

2.4.1 The fee per acre-foot for making a payment in lieu of conveying water rights or other water interests to the District when water from the District in excess of a water budget is allowed to be used in conjunction with significant new development is shown on Appendix B (the "In Lieu of Fee").

2.4.2 If payment of an In Lieu of Fee is made at a time other than when an annexation agreement or water availability agreement is entered into, the amount of the In Lieu of Fee is the fee in effect on the date the payment is actually made to the District and not based on the date the annexation agreement or water availability agreement is approved or entered into.

APPENDIX B
BASE CHARGE/FLAT FEE

METER SIZE	BASE CHARGE/FLAT FEE
5/8" & 3/4"	\$3.00
1"	\$4.00
1-1/2"	\$5.00
2"	\$8.00
3"	\$15.00
4"	\$25.00
6"	\$50.00
8"	\$78.00
10"	\$114.00
12"	\$168.00
14"	\$228.00
16"	\$300.00
18"	\$378.00
20"	\$462.00
24"	\$672.00
30"	\$1,050.00

IN LIEU OF FEE

<u>Amount per acre-foot</u>	<u>\$ 5,100.00</u>
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