



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

**BOARD MEETING
OF THE BOARD OF TRUSTEES
APRIL 12, 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

December '23						
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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
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

ACRONYM OR ABBREVIATION	DEFINITION
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

ACRONYM OR ABBREVIATION	DEFINITION
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

ACRONYM OR ABBREVIATION	DEFINITION
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

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 March 6, 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, March 6, 2023, at 3:00 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:

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

Trustees Not Present:

Zach Jacob

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
Shane Swensen, Engineering Department Manager
David Martin, CFO/Treasurer
Brian McLeary, Controller
Mark Stratford, General Counsel
Kurt Ashworth, Human Resources Manager
Courtney Brown, Conservation Programs 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)

Also Present:

Greg Christensen, Trustee, Kearns Improvement District

Welcome

Mr. Corey Rushton, Chair, called the meeting to order at 3:00 p.m.

**Review agenda
for March 8,**

Mr. Rushton asked Mr. Alan Packard, General Manager, to proceed with the review of the proposed agenda. Mr. Packard reviewed the proposed agenda for the March 8, 2023, annual Board of Trustees meeting. Some of

2023, Board meeting

the topics for discussion and consideration included: administration of Oath of Office to newly appointed Trustee: a) Zach Jacob, Division 4; consider adoption of Resolution No. 23-09, "In Appreciation of Lyle C. Summers"; consider approval of minutes of the Executive Committee meeting held February 6, 2023, minutes of the regular Board meeting held February 8, 2023, and the Trustees expenses report for February 2023; election of District Officers for the coming year; consider authorization to award an engineering services contract for Jordan Valley Water Treatment Plant Filter and Chemical Feed Upgrades; consider approval of a Utah Fuel Network Contract; legislative update report; core mission reports; standing committee reports; and various routine reporting items. A closed session was proposed to discuss information provided during procurement process.

As the election of District officers is included on the Board agenda, Mr. Rushton said the Conservation Committee Chair and Clerk positions are vacant, and all other positions are open for election or re-election. Current District officers include: Corey L. Rushton, Chair; Karen D. Lang, Vice Chair; John H. Taylor, Finance Committee Chair; Alan E. Packard, Assistant Clerk; and David D. Martin, Treasurer. Mr. Rushton stated that the office of Clerk, Assistant Clerk, and Treasurer do not need to be filled by Board members and asked Mr. Packard if he had recommendations for the positions of Clerk, Assistant Clerk, and Treasurer. Mr. Packard recommended Alan E. Packard, Clerk; Jacob Young, Assistant Clerk; and David D. Martin, Treasurer.

Ms. Dawn Ramsey arrived at 3:04 p.m.

Review travel/training policy for Trustees

Ms. Beverly Parry, Executive Assistant, reviewed Trustee travel and training. The following items were reviewed: conferences available for the Trustees to attend, training compensation, per diem, reimbursable travel expenses, and the Trustee payroll form.

Annual training for Trustees on Open and Public Meetings Act

Mr. Mark Stratford, General Counsel, presented training on the Open and Public Meetings Act. He noted this training is required to be presented to the Board on an annual basis. All provisions of the Act that apply to the District were reviewed with the Board.

Discuss Utah Public Officers' and Employee Ethics' Act

Mr. Stratford presented training on the Utah Public Officers' and Employees' Ethics Act. He noted that each year, each Trustee must acknowledge that she/he is aware, understands, and agrees to comply with the Ethics Act under the JVWCD Administrative Policy and Procedures Manual. Mr. Stratford asked each Trustee to read the Act and, if they understand it, to sign and date the Annual Certification and return it to staff.

Discuss Terminal Reservoir tour availability

Mr. Packard said the Terminal Reservoir is down for maintenance and is available for tours. He said JVWCD can host a tour for Trustees if there is any interest. He also mentioned that anyone can join an existing scheduled tour and that tours will be available through the end of March.

Adjourn

Mr. Rushton called for a motion to adjourn. Ms. Karen Lang moved to

adjourn. The meeting adjourned at 3:43 p.m.

Corey L. Rushton, Chair of the Board of Trustees

Alan E. Packard, District Clerk

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

(Unapproved and subject to change)

Held March 6, 2023

A Finance Committee meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held in person and electronically on Monday, March 6, 2023, at 4:00 p.m. at JVWCD'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:

Corey L. Rushton, Chair
A. Reed Gibby
Karen D. Lang
Sherrie L. Ohrn
Dawn R. Ramsey
Mick M. Sudbury
John H. Taylor, Finance Committee Chair
Barbara L. Townsend

Trustee Not Present

Zach Jacob

Staff Present:

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

Others Present

Greg Christensen, Kearns Improvement District

Welcome

Mr. John Taylor, Finance Committee Chair, opened the meeting at 4:00 p.m. All trustees were present except Mr. Zach Jacob.

**Review
proposed
budget
overview**

Mr. Taylor turned the time over to Mr. Dave Martin, Chief Financial Officer. Mr. Martin reviewed the budget preparation process, the budget strategy and guidance, and the parameters for the proposed FY 2023/2024 budget preparation. He explained that the proposed FY 2023/2024 budget is based on 102,000 acre-feet of water deliveries, a proposed average water rate adjustment of 5.0%, property tax rate increase from an estimated Certified Tax Rate of 0.000345 to 0.000375, \$28.7 million property tax revenues, use of the Revenue Stabilization Fund, Capital Project expenditures of \$60.8 million (net), Operations and Maintenance budget based on level of service, a personnel adjustment of a 6.5% merit increase or step-increase, two new full-time personnel positions and two new part-time personnel positions, and PayGo Capital funding of \$19.2 million. He shared information on the projected sources and uses of funds.

Ms. Ohrn asked how staff is preparing for the possibility of legislation being passed that would remove the ability of JVVCD to collect revenues through property taxes. Mr. Packard said that JVVCD will participate in the study group that is being established to look at this issue over the next year and will explain to that group that it would be short-sighted to remove JVVCD's ability to generate revenue through property tax, especially if done suddenly. Ms. Ohrn requested feedback be brought to the Board on discussions that take place in the study group so the board is kept up to date on this important issue and they can contact their legislative representatives if needed.

Mr. Martin gave a brief overview of the operating, capital projects, and reserve funds. He then went into detail on various fees that have been updated.

**Review
proposed
operation and
maintenance
expenditures**

Mr. Martin gave an overview of the proposed operation and maintenance expenditures budget and stated that inflation has affected the proposed budget in multiple areas. He reviewed each department's operation and maintenance budget and provided explanations for budget items that increased over \$1,000 and three percent.

Mr. Rushton noted that conservation is a large part of the Communications Department's budget and asked if at some point it would be prudent to establish a Conservation Department. Mr. Packard responded that this issue has been under consideration by staff recently.

Mr. Martin noted that chemical costs have increase between 20-60%. Ms. Ramsey suggested that this should be included in talking points when trustees take part in truth in taxation visits to Member Agencies later in the year.

Mr. Martin explained that the Maintenance Department's budget includes stocking up on critical repair parts inventory due to the current delays in getting parts for emergency pipeline repairs.

Mr. Rushton suggested that the funds transferred into the Revenue Stabilization Fund be considered at the beginning of the budget process before water rates and property tax rates are determined. Mr. Martin referred to the ten-year financial plan to explain how the proposed budget is determined using the level of service document provided previously, the funding of operations and inflation with rates, and that it is a balancing act to

determine the water rates, property taxes, and use of the Revenue Stabilization Fund.

**Review
personnel
expenditures
budget**

Mr. Kurt Ashworth, Human Resources Manager, presented the proposed personnel budget for FY 2023/2024. In order to project the personnel costs for the FY 2023/2024 budget, data has been collected from various sources including the Consumer Price Index and Employment Cost Index. He described the expenditures that are included in the personnel budget including salary, health insurance, state retirement contributions, Medicare, substitute Social Security Plan contributions, life insurance, long-term disability insurance, and sick leave conversion.

Mr. Ashworth stated there is an overall 4.9% increase, or \$949,544, in the proposed FY 2023/2024 personnel budget as a result of inflation, salary increases, and the addition of two full-time and two part-time positions. Mr. Ashworth noted that health insurance and HSA/HRA costs and fees decreased due to lower claims this past fiscal year. The total proposed FY 2023/2024 personnel budget is \$20,482,015. Staff is proposing either a 6.5% merit pay increase or one step increase for employees. He presented information from a salary adjustment survey of other local districts and Member Agency cities and stated that JWWCD falls close to the median in the comparisons. Mr. Ashworth reported that JWWCD currently has 156 positions with 7 vacancies. The 2023/2024 budget includes proposed grade changes for four positions as well as a position change from Outreach Coordinator to Senior Business Data Analyst. Also included in the budget are recruitment, retention, and equity incentives as well as an amount for a Labor and Economic Fluctuation Response in the amount of \$100,000. This proposed budget amount would allow the General Manager flexibility in responding to the fluctuating job market. A discussion followed regarding the Labor and Economic Fluctuation Response budget item, and Mr. Packard said this budget item can be removed and that staff will bring any proposed financial response to the fluctuating job market to the Board for approval.

**Upcoming
meetings**

Mr. Taylor reviewed the upcoming meetings including the Finance Committee meeting, Wednesday, March 29 at 2:00 p.m.; regular Board meeting, Wednesday, April 12, at 3:00 p.m.; Annual Member Agency meeting, Wednesday, April 26, at 10:00 a.m.; Public Hearing, Wednesday, May 10, at 6:00 p.m.; regular Board meeting, Wednesday, June 7, at 3:00 p.m.; and property tax hearing/adoption of FY 2023/2024 budget, Wednesday, August 9, at 6:00 p.m. (if needed).

Adjourn

Mr. Taylor called for a motion to adjourn. Ms. Karen Lang moved to adjourn. Following a second by Mr. Mick Sudbury, the meeting adjourned at 5:21 p.m.

John H. Taylor, Finance Committee Chair

Alan E. Packard, Clerk

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

(Unapproved and subject to change)

March 8, 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, March 8, 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:

Corey L. Rushton, Chair
A. Reed Gibby
Zach Jacob
Karen D. Lang
Sherrie L. Ohrn
Dawn R. Ramsey (joined electronically at 3:12 p.m.)
Mick M. Sudbury
Barbara L. Townsend

Trustees Not Present:

John H. Taylor

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
Brian McCleary, Controller
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
David McLean, Senior Engineer
Margaret Dea (electronic)

Also Present:

Greg Anderson, General Manager, Kearns Improvement District
Austin Ballard, CFO/Controller, Granger-Hunter Improvement District (electronic)
Mark Chalk, General Manager, Taylorsville-Bennion Improvement District

Greg Christensen, Kearns Improvement District
Greg Davenport, Utility Manager, City of West Jordan
Clint Dilley, General Manager, Magna Water District (electronic)
Alan Domonoske, Vice President, Carollo Engineers
Jason Helm, General Manager, Granger-Hunter Improvement District (electronic)
Jason Luettinger, Principal, Bowen Collins & Associates
Brien Maxfield, Senior Engineer, Draper City
Annalee Munsey, Assistant General Manager, Metropolitan Water District of Salt Lake & Sandy (electronic)
Cary Necaise, Public Works Director, Riverton City (electronic)
Stacie Olson, Water Director, Riverton City (electronic)
Parry Osborn, Senior Principal Engineer, Hazen and Sawyer
Marie Owens, Senior Project Manager, AE2S
Ana Paz, Associate Engineer, South Jordan City (electronic)
David Robertson, Principal/Owner, Lewis Young Robertson and Burningham
Shawn Robinson, Director of Operations and Maintenance, Taylorsville-Bennion Improvement District (electronic)
KC Shaw, Deputy General Manager, Central Utah Water Conservancy District (electronic)
Lyle Summers, Former JVWCD Trustee
Ryan Willeitner, Engineer, Jacobs Engineering (electronic)

Call to order and introduction of visitors

Mr. Corey Rushton, Chair, convened the Annual Board meeting of the Jordan Valley Water Conservancy District Board of Trustees at 3:00 p.m. on Wednesday, March 8, 2023. Mr. Rushton introduced the members of the Board and the public who joined the meeting both in person and electronically. Mr. John Taylor was excused from the meeting.

Administration of Oath of Office to newly appointed Trustee

Mr. Rushton introduced Mr. Zach Jacob, a new trustee representing Division 4 which includes West Jordan City, who was nominated, appointed by the Governor, and then confirmed by the Senate on February 17, 2023.

The Oath of Office statute requires that a Notary Public administer the oath of office. Ms. Beverly Parry, Executive Assistant and Notary Public, was asked to administer the oath of office to Mr. Jacob.

Consider adoption of Resolution No. 23-09, "In Appreciation of Lyle C. Summers"

Mr. Alan Packard, General Manager, presented Resolution No. 23-09, In Appreciation of Lyle C. Summers." Various trustees expressed appreciation for Mr. Summers' work on the Board and especially his support of the JVWCD Conservation Garden Park.

Mr. Rushton called for a motion. Mr. Zach Jacob moved to approve Resolution No. 23-09, "In Appreciation of Lyle C. Summers." Following a second by Ms. Karen Lang, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye
Ms. Lang – aye
Ms. Ramsey – aye
Mr. Sudbury – aye
Ms. Townsend – aye

Mr. Jacob – aye
Ms. Ohrn – aye
Mr. Rushton – aye
Mr. Taylor – not present

Approval of common consent items

Mr. Rushton presented the minutes of the Executive Committee meeting held February 6, 2023, and the regular Board meeting held February 8, 2023. He also presented the February 2023 Trustees' Expenses Report. Mr.

Rushton called for a motion. Ms. Sherrie Ohrn moved to approve the minutes of the February 6 and February 8 meetings and the February 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 – aye
Mr. Sudbury – aye	Mr. Taylor – not present
Ms. Townsend – aye	

Public comments

There were no public comments.

Election of District Officers for the coming year

Mr. Rushton asked Mr. Packard to read the list of current District officers. Mr. Ruston recommended Mr. Alan Packard serve as District Clerk, Mr. Jacob Young serve as Assistant District Clerk, and Mr. David Martin remain as Treasurer. Mr. Reed Gibby moved to approve the District officers as recommended by Mr. Rushton. Following a second by Ms. Karen Lang, 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 – aye
Mr. Sudbury – aye	Mr. Taylor – not present
Ms. Townsend – aye	

Ms. Barbara Townsend nominated Ms. Sherrie Ohrn to serve as Conservation Committee Chair. With no other nominations, Mr. Rushton called for a vote. The nomination was approved by those present as follows:

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

Mr. Mick Sudbury nominated Mr. John Taylor to serve as Finance Committee Chair. With no other nominations, Mr. Rushton called for a vote. The nomination was approved by those present as follows:

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

Ms. Barbara Townsend moved to retain Mr. Corey Rushton as Chair and Ms. Karen Lang as Vice Chair. Following a second by Mr. Reed Gibby, the motion was approved by those present as follows:

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

Core Mission Reports

Water supply update

Mr. Packard reviewed the Municipal and Industrial (M&I) Water Deliveries report through February 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 Jordanelle and Deer Creek Reservoirs are expected to fill this year, but it is too early to predict if Utah Lake will fill. Mr. Packard said the Drought Monitoring Committee will meet soon and recommend a preliminary water supply availability level. He shared information forecasting the inflow of water into Jordanelle Reservoir and historical average level of water in the JVVCD wells. Ms. Sherrie Ohrn encouraged the continuation of strong conservation/drought messaging.

Water quality update

Ms. Shazelle Terry, Assistant General Manager, reviewed the monitoring and compliance requirements for the Total Coliform and Groundwater Rules. The majority of water quality samples that JVVCD staff collect are required by these rules. She explained that the Total Coliform Rule requires sampling for Coliform, which is a family of bacteria in which some bacteria cause illness and others do not. All samples are tested for E. coli. Ms. Terry reviewed the history of the Total Coliform Rule and the sampling and testing requirements. Ms. Terry then reviewed the Groundwater Rule which applies to all public water systems, wholesale and consecutive, using groundwater. She explained that this rule is triggered when a system has a coliform sample that is TC positive; and if a Member Agency has a positive coliform test, JVVCD then samples all its wells supplying the affected system to determine where the positive coliform result came from.

Standing Committee Reports

Finance update

Mr. Brian McCleary, Controller, reviewed the Financial Report for January 2023. He explained that the Year-to-Date Expenses are slightly below the projected amount because of the timing of a check being sent for CUP water. He also reviewed the Income Statement and highlighted the property taxes collected during the month of January and water purchases which allowed for positive Net Revenues. He also pointed out the increase in Investment Income which is a result of higher interest rates.

Conservation update

Mr. Matt Olsen, Assistant General Manager, gave an update on the 1300 West widening project. He said West Jordan City is planning to widen the road, which will extend into JVVCD's main campus and the Conservation Garden Park area by approximately 14 feet. This will require new landscaping and JVVCD entry signs. The City is projecting that the street widening in front of the JVVCD's campus will begin in the spring of 2024. Staff has been working closely with West Jordan City to install low impact development features including showcasing storm water management with curb cuts and planted swales along the length of the frontage landscaping. He also reported that JVVCD received its first reimbursement from West Jordan City for the previously completed sewer pipeline project.

Engineering Activities

Consider authorization to award an engineering services contract for

Mr. Jacob Young, Deputy General Manager, said this project is part of the JVVTP expansion which is to support growing peak-day demands according to JVVCD's level of service goals. It will also help to utilize the new ULS water supply. This project will design required improvements for upgrades to the filters and chemical feed systems to support an increased capacity. Other tasks included in this project are evaluation of and upgrades

**JVWTP Filter and
Chemical Feed
Upgrades**

to the chemical feed systems, pre-design evaluation of ozone and potential implementation, and evaluation of alternatives for backwash tank redundancy and potential implementation. This phase of the expansion will increase JVWTP capacity to 220 MGD, and a future phase will increase the capacity to 255 MGD. Mr. Young reported that MWDSLs will provide 2/7s of the cost (\$217,000) of the renewal and replacement component of this phase of the project.

Mr. Young recommended approval to award an engineering services contract to Carollo Engineers in the amount of \$6,224,100 for Jordan Valley Water Treatment Plant Filter and Chemical Feed Upgrades.

Mr. Rushton called for a motion on the recommendation. Mr. Mick Sudbury moved to award an engineering services contract for Jordan Valley Water Treatment Plant Filter and Chemical Feed Upgrades to Carollo Engineers in the amount of \$6,224,100. Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye
Ms. Lang – aye
Ms. Ramsey – aye
Mr. Sudbury – aye
Ms. Townsend - aye

Mr. Jacob – aye
Ms. Ohrn – aye
Mr. Rushton – aye
Mr. Taylor – not present

**Operations and
Maintenance
activities**

**Consider approval of
a Utah Fuel Network
Contract**

Ms. Terry said JVWCD has been part of the Utah State Fuel Network for several years; and as JVWCD's most recent contract is expiring, staff would like to renew this contract. This will give staff access to approximately 850 sites for use in fueling vehicles including approximately 120 government sites which give an additional discount. The agreement allows the state to assume liability if there is an environmental spill at the JVWCD fuel site and the state manages the fuel cards used by staff. She said this new agreement is perpetual, but JVWCD can get out of the agreement at any time, and staff will bring the contract back before the Board for approval after no longer than five years. Ms. Terry recommended approval of a Utah Fuel Network Contract.

Mr. Rushton called for a motion on the recommendation. Ms. Sherrie Ohrn moved to approve a Utah Fuel Network Contract. Following a second by Mr. Mick Sudbury, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye
Ms. Lang – aye
Ms. Ramsey – aye
Mr. Sudbury – aye
Ms. Townsend - aye

Mr. Jacob – aye
Ms. Ohrn – aye
Mr. Rushton – aye
Mr. Taylor – not present

**Consider extension
of a standby bond
purchase agreement
between JVWCD and
JP Morgan Chase**

Mr. David Martin, Chief Financial Officer, introduced Mr. David Robertson, JVWCD's financial advisor from Lewis Young Robertson & Burningham. Mr. Martin said this agreement is related to JVWCD's B-1 variable rate bonds. These bonds were originally issued from 2002 through 2007 and refinanced in 2008. The purpose in issuing variable rate bonds is to diversify JVWCD's debt portfolio and achieve the lowest cost of borrowing. Mr. Martin explained that there is currently \$52.5 million in outstanding B-1 variable rate bonds,

with \$31.4 million swapped for a fixed rate. He explained that variable rate bonds are remarketed each week, and a liquidity provider is required. This standby purchase agreement provides for JP Morgan Chase Bank to continue as JVVCD's liquidity provider for one additional year. Mr. Martin recommended approval of a one year extension of the standby bond purchase agreement between JVVCD and JP Morgan Chase and authorize the Chief Financial Officer and General Manager to sign the agreement. Mr. Robertson stated that JP Morgan Chase has been a provider of this service to JVVCD for several years, and it has been a good partnership for both parties.

Mr. Rushton called for a motion on the recommendation. Ms. Karen Lang moved to approve an extension of a standby bond purchase agreement between Jordan Valley Water Conservancy District and JP Morgan Chase and authorize the General Manager and Chief Financial Officer to sign the agreement. Following a second by Mr. Mick Sudbury, the motion was unanimously approved by those present as follows:

Mr. Gibby – aye
Ms. Lang – aye
Ms. Ramsey – aye
Mr. Sudbury – aye
Ms. Townsend - aye

Mr. Jacob – aye
Ms. Ohrn – aye
Mr. Rushton – aye
Mr. Taylor – not present

Reporting Items

Legislative update report

Mr. Packard gave a Legislative Update Report on the conclusion of the 2023 legislative session and reported on some of the bills that passed:

- HB 217 Energy and Water Reduction - This bill offers \$900,000 in State money to school districts that implement energy or water saving projects. This provides an opportunity for staff to reach out to school districts and offer assistance with applying for this funding and help with retrofitting school property landscapes.
- HB 307 Utah Water Ways - This bill is an effort to create a public/private partnership to promote water conservation throughout the state similar to the UCAIR partnership in promoting clean air. JVVCD will be involved in coordinating Utah Water Ways and developing communications strategies and conservation messaging.
- HB 345 Local District Property Tax Amendments - This bill requires trustees of districts that propose property tax increases above the certified rate or bond issuance (excluding revenue bonds) to report to the entities they represent, similar to the way that property tax increases are currently reported. It would also require each city or county to express its sentiment to the representative regarding the tax increase or bond issuance.
- HB 491 Amendments Related to the Great Salt Lake – This bill sets up a commission and appoints a commissioner that has oversight responsibility for all things Great Salt Lake, including coordination of the various branches of state government involvement.

- SB 34 Water Infrastructure Funding Study – This bill provides for an interim proposal study for water infrastructure funding with a report back to the interim committees of Natural Resources and Revenue and Taxation by October of 2024. This will be a productive study looking into how water is funded, the appropriateness of property taxes, and other sources of funding.
- SB 76 Water Amendments - This bill provides additional tools and instruction on coordinating land use and water supply planning. The Division of Water Resources will need to be consulted and provided with documentation and conservation goals as land use decisions are made.
- SB 118 Water Efficient Landscaping Incentives – This bill provides State money for water efficient landscaping incentives. Last year \$5 million was approved for the State to do nonfunctional turf removal. This bill allows for the State to give water districts funds to run the program for the State. Funds include the \$5 million from last year's legislative session, \$5 million appropriated this year, and \$3 million in ongoing funding.
- SB 119 Per Capita Consumptive Use – The concept of this bill has been generated by the Prep60 group. This new metric for measuring per capita use on a consumptive basis is more on par with most other western states that use Colorado River water which express their per capita use on a consumptive basis and credit back any water that returns to the system.
- SB 277 Water Conservation & Augmentation – This bill expands purposes for which Water Infrastructure Restricted Account (WIRA) money can be used. WIRA was originally set up to fund infrastructure projects such as the Bear River Project, Lake Powell Pipeline Project, etc. This bill allows WIRA money to be loaned out for projects that benefit Colorado River drainage including projects for water reuse, desalinization, building of dams, or water conservation. It also provides funding for agriculture optimization.

Mr. Packard reviewed the routine reporting items which included: Central Utah Project/CUWCD activities report, facilities rental agreements signed by the General Manager, performance indicators for January 2023, and media coverage. Mr. Shane Swensen, Engineering Department Manager, gave a report on the 5200 West 6200 South Reservoir and the 11800 South Zone C Reservoir projects.

Upcoming Meetings

Mr. Rushton reviewed the upcoming meetings including the Finance Committee meeting, March 29 at 2:00 p.m.; the Conservation Committee meeting, Monday, April 10 at 3:00 p.m.; Executive Committee meeting, Monday, April 10 at 3:30 p.m.; annual meeting of the Employee Retirement Plan Committee, Monday, April 10 at 4:00 p.m.; and Board meeting, Wednesday, April 12 at 3:00 p.m.

Adjourn

Mr. Rushton called for a motion to adjourn. Mr. Mick Sudbury moved to adjourn. Following a second by Ms. Sherrie Ohrn, the meeting adjourned at 4:41 p.m.

Corey L. Rushton, Chair of the Board of Trustees

Alan E. Packard, District Clerk

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

(Unapproved and subject to change)

Held March 29, 2023

A Finance Committee meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held in person and electronically on Wednesday, March 29, 2023, at 2:00 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:

Corey L. Rushton, Chair
A. Reed Gibby
Zach Jacob
Sherrie L. Ohrn
Mick M. Sudbury (joined electronically at 2:30 p.m.)
John H. Taylor, Finance Committee Chair
Barbara L. Townsend (electronic)

Trustees Not Present:

Karen D. Lang
Dawn R. Ramsey

Staff Present:

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

Others Present:

Shawn Koorn, HDR Engineering

**Introductory
comments by
Finance
Committee
Chair**

Mr. John Taylor, Finance Committee Chair, opened the meeting at 2:00 p.m.
Ms. Dawn Ramsey and Ms. Karen Lang were excused from the meeting.

**Review
proposed
operation and
maintenance
expenditures
budget**

Mr. David Martin, Chief Financial Officer, provided information on a few minor adjustments to the proposed FY 2023/2024 Operations and Maintenance expenses by department, which totals \$59,725,718. He explained a proposed modification budget strategy and year-end fund transfer which includes creating a new fund called Short-Term Operating Reserve Fund. This proposed change would distinguish short-term and longer-term needs for funding of the Revenue Stabilization Fund from each other, which would better define what is available for budgeting. A discussion took place regarding the Revenue Stabilization Fund and budget strategy for the proposed 2023/2024 budget. Various options were discussed on how to budget in the future for personnel expenses and the reserve level of the Self-Insurance Fund. Mr. Martin said staff will develop a formula or other proposal to determine how much money is needed in the Self-Insurance Fund to meet JVVCD's needs in case of a natural disaster or other emergency.

**Review
proposed
general
equipment
expenditures
budget**

Mr. Martin stated that the General Equipment expenditures budget includes items that cost over \$10,000, have a useful life greater than one year, are recorded as an asset when purchased, and are depreciated over their useful life. He stated the General Equipment Fund is funded through transfers of money from Revenue Funds, and the total proposed General Equipment budget is \$1,423,000 for FY 2023/2024.

**Review debt
service
schedule and
10-year
Financial Plan**

Mr. Martin discussed the FY 2023/2024 debt service schedule and long-term debt summary with regards to all the District's outstanding bonds. He said a \$100 million bond issuance is being proposed in FY 2023/2024. The FY 2023/2024 debt service budget is \$25,405,675. Mr. Martin shared the Debt Summary which showed the currently outstanding bonds and debt service payments.

Mr. Martin reviewed the FY 2023/2024 10-year Financial Plan. He said the proposed FY 2023/2024 budget is based on 102,000 acre-feet of water deliveries, an estimated 5.0% water rate adjustment, increasing the property tax rate, and using approximately \$5.4 million from the Revenue Stabilization Fund to balance the FY 2023/2024 budget. He said the Debt Service Coverage Ratio exceeds what is required by bond covenants and is projected to remain above 1.30 over the next ten years. Mr. Martin reviewed the estimated PayGo transfers from operations and explained the funding from the Revenue Stabilization Fund and rate adjustment needed for the budgeted PayGo transfer to be sufficient to fund projected CP1 Capital Expenditures. He explained the increases in the planned CP1 Capital Projects, the transfers from Capital Projects Fund to Replacement Reserve Fund for funding CP1, and the planned expansion for the JVVTP which will increase the Capital Projects budget for fiscal years 2023 through 2027.

**Review
proposed
capital projects
expenditures
budget**

Mr. Shane Swensen, Chief Engineer and Engineering Department Manager, reviewed the proposed FY 2023/2024 Capital Projects budget and the 10-year Capital Projects Plan. He shared assumptions used to develop water demand for the updated Capital Projects Plan, which includes population projections, conservation effort success, and climate variability impacts. He reviewed the annual demand projections and peak day demand projections which show the water supplies and facilities that are currently available to JVVCD and water supplies and facilities that are planned to come online in the future. Mr. Swensen showed that the total Capital Projects Plan over the 10-year period is

\$467.1 million. He reviewed proposed capital projects for fiscal year 2023/2024 and stated the total net FY 2023/2024 proposed Capital Projects budget is \$61,216,000.

**Review fiscal
year 2023/2024
water rate study
and calculated
water rates**

Mr. Shawn Koorn, HDR Engineering, presented an overview of the water rate study process, the three components for this year's study, the development of the preliminary revenue requirement analysis, received direction from the Board, and gave preliminary cost of service results. He said the rate setting process is a three-step process which includes: comparing the revenue of JVVCD to the expenses to evaluate the level of overall rates; equitably allocating the revenue requirement between the various customer classes of service; and designing cost-based rates for each class of service to meet JVVCD's revenue needs, along with any other rate design goals and objectives adopted by the Board. Mr. Koorn reviewed each of these steps in the process. He stated it would require use of funds from the Revenue Stabilization Fund for FY 2023/2024, given the assumptions by JVVCD staff estimating 102,000 acre-feet of water deliveries and a 5.0% average rate adjustment.

**Discussion of
fiscal year
2023/2024
budget review
and use of
funds from the
Revenue
Stabilization
Fund and
tentative water
rate adjustment**

Mr. Martin recommended a balanced approach be taken for the FY 2023/2024 budget which includes a 5.0% average water rate adjustment, a property tax increase, and use of the Revenue Stabilization Fund.

**Upcoming
meetings**

Mr. Taylor reviewed the upcoming meetings including the regular Board meeting, Wednesday, April 12, at 3:00 p.m.; Annual Member Agency meeting, Wednesday, April 26, at 10:00 a.m.; regular Board meeting, Public Hearing, Wednesday, May 10, at 6:00 p.m.; regular Board meeting, Wednesday, June 7 at 3:00 p.m.; and property tax hearing/adoption of 2023/2024 budget, Wednesday, August 9, at 6:00 p.m. (if needed).

Adjourn

Mr. Taylor called for a motion to adjourn. Ms. Sherrie Ohrn moved to adjourn. Following a second by Mr. Reed Gibby, the meeting adjourned at 4:10 p.m.

John H. Taylor, Finance Committee Chair

Alan E. Packard, Clerk

JORDAN VALLEY WATER CONSERVANCY DISTRICT TRUSTEES EXPENSES REPORT

March 2023

[illegible]

CORE MISSION REPORTS

WATER SUPPLY UPDATE

JORDAN VALLEY WATER CONSERVANCY DISTRICT

Monthly Summary of Water Deliveries in Acre Feet

March 2023

Municipal and Industrial (M&I) Water Deliveries

Wholesale System	This Month	Previous Year	% Change	YTD	YTD Prev Year	YTD % Change	Fiscal YTD	Fiscal YTD Prev Year	Fiscal YTD % Change
Bluffdale City	134.68	156.81	-14%	391.22	431.18	-9%	2,379.95	2,353.42	1%
Copperton Improvement District	0.00	0.00		0.00	0.00		29.23	1.45	1916%
Draper City	141.86	145.24	-2%	400.05	422.72	-5%	3,037.25	3,008.20	1%
Granger-Hunter Improvement District	905.71	943.13	-4%	2,401.02	2,724.07	-12%	13,914.72	13,440.53	4%
Herriman City ³	154.62	179.75	-14%	429.48	472.58	-9%	4,049.07	3,469.03	17%
Hexcel Corporation	81.74	63.19	29%	231.46	158.03	46%	685.31	433.39	58%
Kearns Improvement District	333.75	378.57	-12%	982.26	1,069.34	-8%	5,387.82	5,250.56	3%
Magna Water District	69.88	67.54	3%	204.93	197.37	4%	595.56	602.11	-1%
Midvale City	113.11	90.97	24%	388.79	274.36	42%	2,510.51	2,065.32	22%
Riverton City	333.20	304.90	9%	986.95	915.71	8%	3,767.16	3,441.84	9%
South Jordan City ³	546.19	576.37	-5%	1,579.80	1,609.74	-2%	11,877.96	10,677.25	11%
City of South Salt Lake	117.20	81.88	43%	298.10	230.49	29%	719.83	746.38	-4%
Taylorsville-Bennion Improvement District	492.01	490.81	0%	1,416.58	1,396.06	1%	3,837.62	3,686.08	4%
Utah Div. of Fac. Const. and Mgmt.	25.26	42.88	-41%	58.11	124.75	-53%	169.62	328.19	-48%
WaterPro, Inc.	65.66	86.22	-24%	170.17	275.08	-38%	872.36	1,075.03	-19%
City of West Jordan ³	907.10	873.57	4%	2,395.33	2,506.42	-4%	15,108.52	13,232.73	14%
White City Water Improvement District	0.00	0.00		0.00	0.00		0.00	0.00	
Willow Creek Country Club ⁶	0.16	3.69	-96%	0.39	3.89	-90%	205.44	176.00	17%
Wholesale System Subtotal	4,422.13	4,485.51	-1%	12,334.64	12,811.78	-4%	69,147.92	63,987.51	8%
Retail System ²	320.25	329.45	-3%	950.56	948.80	0%	5,352.66	5,178.58	3%
Total Wholesale & Retail	4,742.38	4,814.96	-2%	13,285.20	13,760.59	-3%	74,500.58	69,166.09	8%

Other M&I Deliveries

MWDSLS (Treated and Transported) ⁴	354.15	465.65	-24%	539.26	1,266.40	-57%	7,763.31	8,332.06	-7%
District Use (Non-revenue) ⁵	28.45	28.89	-2%	79.71	82.56	-3%	447.00	415.00	8%
Other M&I Subtotal	382.60	494.54	-23%	618.98	1,348.96	-54%	8,210.32	8,747.06	-6%
Total M&I Deliveries	5,124.98	5,309.49	-3%	13,904.17	15,109.55	-8%	82,710.90	77,913.15	6%

Irrigation and Raw Water Deliveries

Welby Jacob Water Users	0.00	0.00		0.00	0.00		14,091.90	15,502.88	-9%
Total Irrigation and Raw Water	0.00	0.00		0.00	0.00		14,091.90	15,502.88	-9%
Total Deliveries	5,124.98	5,309.49	-3%	13,904.17	15,109.55	-8%	96,802.80	93,416.03	4%

¹ The City of South Salt Lake contract is based on a fiscal year. All other contracts are based on a calendar year.

² Retail deliveries are finalized after billing. Preliminary estimates using AMI data are made for the month previous to today.

³ Contract amount is minimum purchase plus remediated water.

⁴ Water treated and transported for MWDSLS by JVWCD is delivered to Salt Lake City at 2100 South.

⁵ District Use (Non-revenue) includes water consumed in breaks, reservoir washing, fires, irrigation and facility potable water.

⁶ Willow Creek Country Club average annual usage is estimated at 350 acre-feet.

Jordan Valley Water Conservancy District

Wholesale Contract Progress (af)

March 2023

Actual % of Contract
Projected³ % of Contract

Agency Name	Contract Type		
Bluffdale City	Conventional	<div><div></div><div></div></div>	Contract: 3,600 (af) Actual: 391 (af) (11%) Projected: 3,497 (af) (97%)
	Deferred Water ⁴	<div><div></div><div></div></div>	Contract: 71 (af) Actual: 0 (af) (0%)
Draper City	Conventional	<div><div></div><div></div></div>	Contract: 3,800 (af) Actual: 400 (af) (11%) Projected: 4,605 (af) (121%)
Granger-Hunter Improvement District	Conventional	<div><div></div><div></div></div>	Contract: 18,500 (af) Actual: 2,401 (af) (13%) Projected: 19,117 (af) (103%)
Herriman City	Conventional	<div><div></div><div></div></div>	Contract: 5,200 (af) Actual: 280 (af) (5%) Projected: 5,179 (af) (100%)
	Deferred Water ⁴	<div><div></div><div></div></div>	Contract: 8 (af) Actual: 0 (af) (0%)
	Remediated ²	<div><div></div><div></div></div>	Contract: 667 (af) Actual: 150 (af) (22%) Projected: 619 (af) (93%)
Hexcel Corporation	Conventional	<div><div></div><div></div></div>	Contract: 720 (af) Actual: 231 (af) (32%) Projected: 775 (af) (108%)
Kearns Improvement District	Conventional	<div><div></div><div></div></div>	Contract: 7,500 (af) Actual: 982 (af) (13%) Projected: 8,014 (af) (107%)
Magna Water District	Conventional	<div><div></div><div></div></div>	Contract: 800 (af) Actual: 194 (af) (24%) Projected: 794 (af) (99%)
	Deferred Water ⁴	<div><div></div><div></div></div>	Contract: 11 (af) Actual: 11 (af) (100%)

Agency Name	Contract Type		
Midvale City	Conventional	<div><div></div><div></div></div>	Contract: 3,085 (af) Actual: 389 (af) (13%) Projected: 3,269 (af) (106%)
Riverton City	Conventional	<div><div></div><div></div></div>	Contract: 4,000 (af) Actual: 987 (af) (25%) Projected: 5,009 (af) (125%)
South Jordan City	Conventional	<div><div></div><div></div></div>	Contract: 15,000 (af) Actual: 1,280 (af) (9%) Projected: 16,126 (af) (108%)
	Remediated ²	<div><div></div><div></div></div>	Contract: 1,333 (af) Actual: 299 (af) (22%) Projected: 1,236 (af) (93%)
City of South Salt Lake ¹	Conventional	<div><div></div><div></div></div>	Contract: 1,020 (af) Actual: 720 (af) (71%) Projected: 866 (af) (85%)
Taylorsville-Bennion Improvement District	Conventional	<div><div></div><div></div></div>	Contract: 4,700 (af) Actual: 1,416 (af) (30%) Projected: 4,693 (af) (100%)
	Deferred Water ⁴	<div><div></div><div></div></div>	Contract: 0 (af) Actual: 0 (af) (100%)
Utah Division of Facilities Construction and Management	Conventional	<div><div></div><div></div></div>	Contract: 548 (af) Actual: 58 (af) (11%) Projected: 361 (af) (66%)
	Deferred Water ⁴	<div><div></div><div></div></div>	Contract: 82 (af) Actual: 0 (af) (0%)
WaterPro, Inc.	Conventional	<div><div></div><div></div></div>	Contract: 950 (af) Actual: 170 (af) (18%) Projected: 1,318 (af) (139%)
City of West Jordan	Conventional	<div><div></div><div></div></div>	Contract: 18,500 (af) Actual: 2,059 (af) (11%) Projected: 19,683 (af) (106%)
	Remediated ²	<div><div></div><div></div></div>	Contract: 1,500 (af) Actual: 337 (af) (22%) Projected: 1,391 (af) (93%)

¹All contracts are on a calendar year except for City of South Salt Lake which is on a fiscal year.

²Remediated water is credited first as it becomes available.

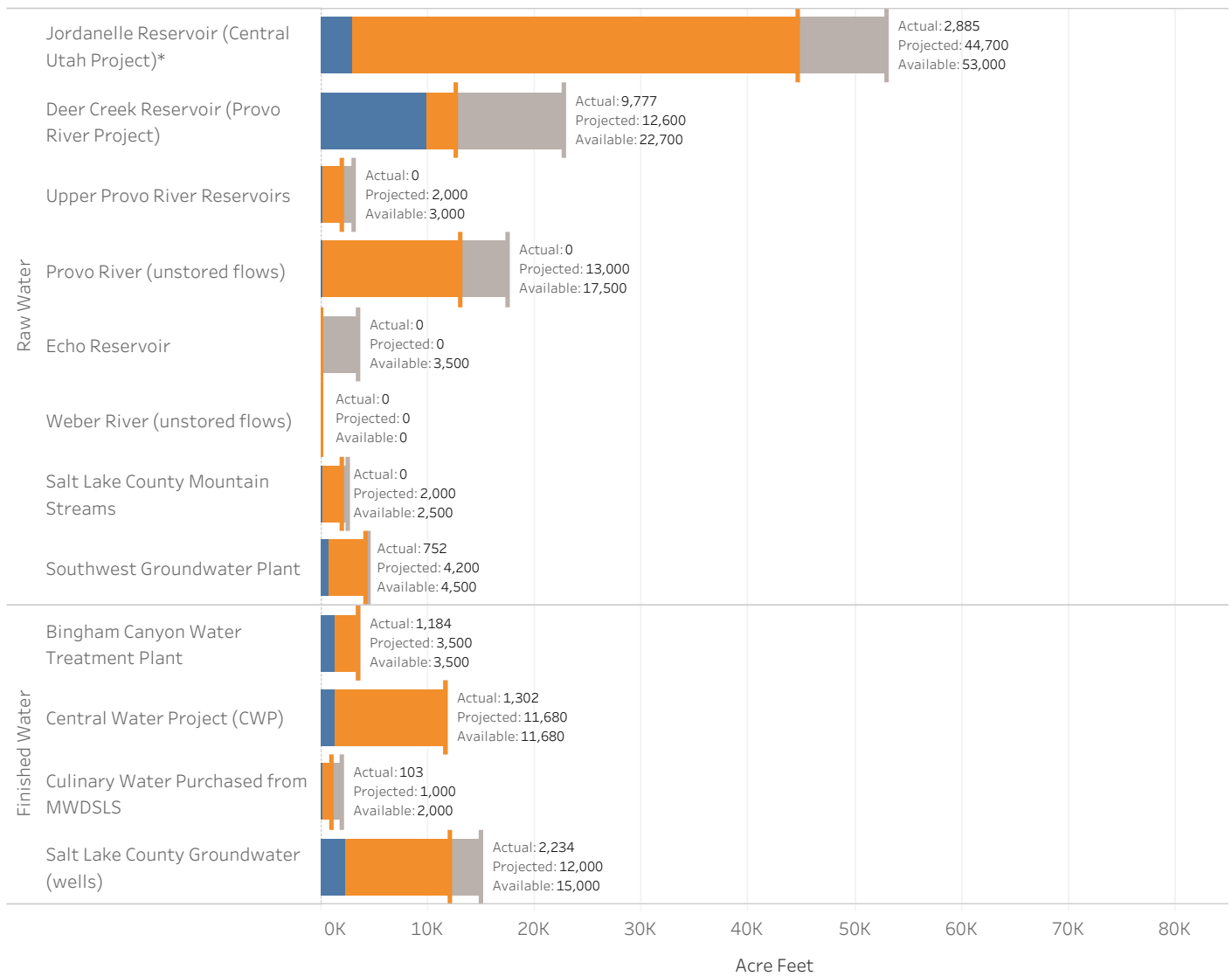
³Projected deliveries are calculated as an average monthly delivery over the previous three years for months left in the contract year.

⁴Non-delivered portion of minimum purchase contract that may be deferred to future years as outlined in Section 1.8 of the Rules and Regulations for Wholesale Water Service.

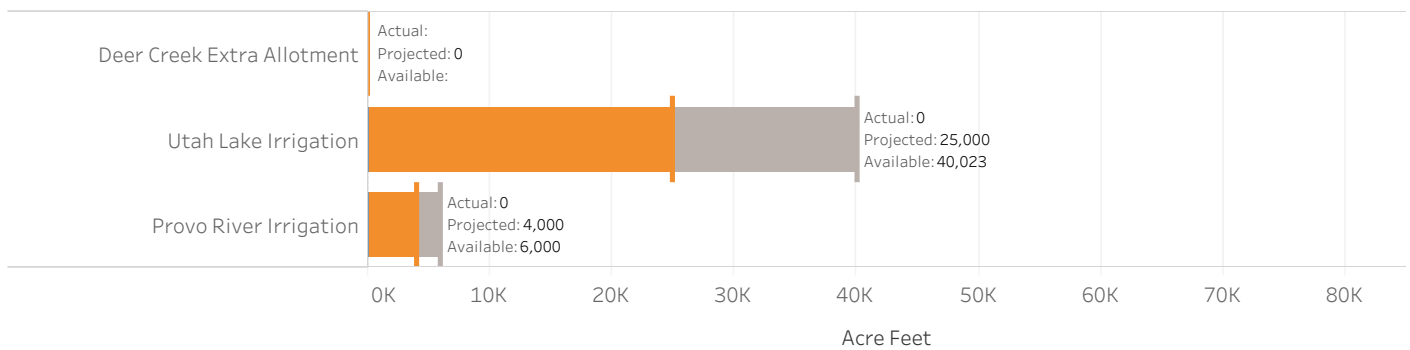
Jordan Valley Water Conservancy District

M&I Water Sources (February 28, 2023)
Water Year 2023 (November 1, 2022 - October 31, 2023)

Actual
Projected
Available



Irrigation Water Sources (February 28, 2023)
Irrigation Season 2023 (April 15, 2023 - October 15, 2023)



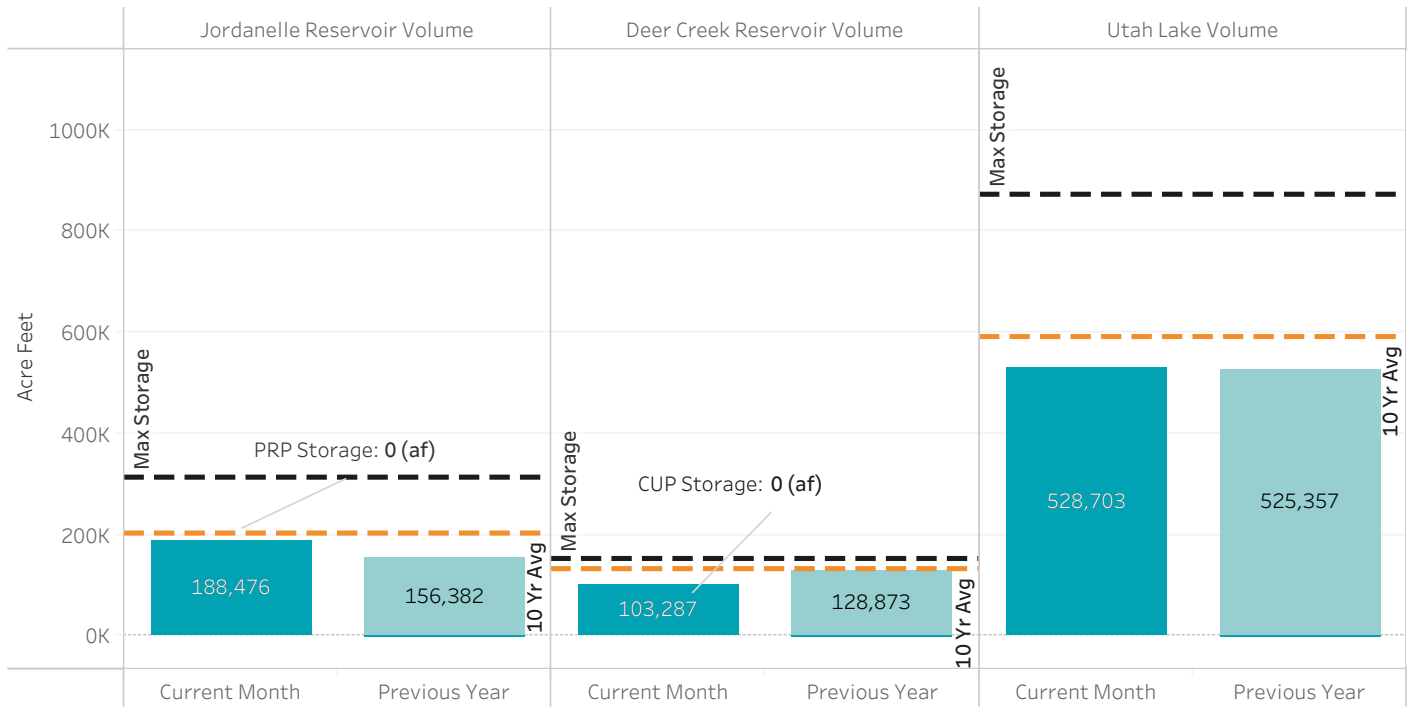
*Central Utah Project may include holdover water from the previous year.

Jordan Valley Water Conservancy District

Provo River Reservoirs Update

March 31, 2023

Current Month
Other Storage
Previous Year

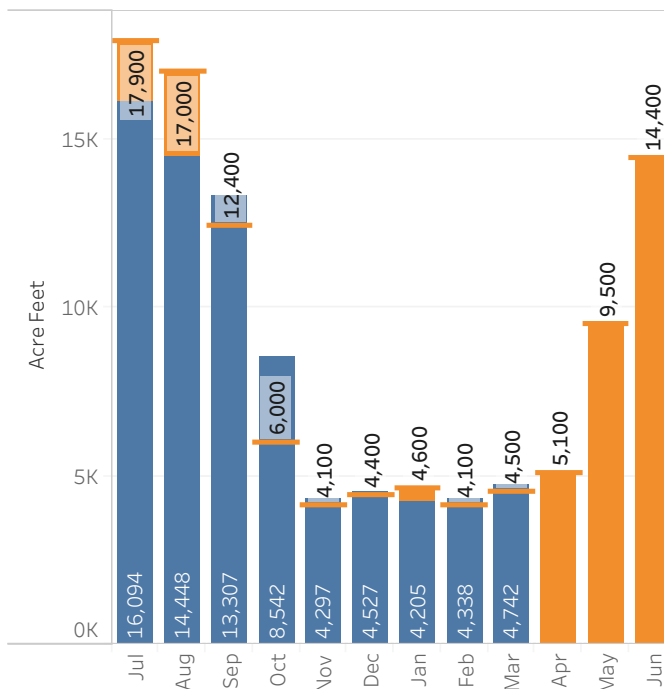


10 Yr Avg for Jordanelle Reservoir may not include all ten years. The available data for Jordanelle Reservoir begins with April, 2014.

Wholesale + Retail Actual & Projected Deliveries

FY 2023
Through March 2023

Actual
Projected



Water Outlook Update

(Provo River - Utah Lake - Jordan River)
April 4, 2023

BASIN		SNOW WATER EQUIVALENT			TOTAL PRECIPITATION		
Site Name	Elev (ft)	Current	Median	% of Median	Current	Avg	% of Avg
Beaver Divide	8,280	21.7	9.0	241%	24.3	15.4	158%
Brighton	8,766	42.4	21.4	198%		24.6	
Cascade Mountain	7,774	42.5	15.9	267%	38.9	19.8	196%
Clear Creek #1	8,975	34.6	16.8	206%	30.9	17.8	174%
Clear Creek #2	7,837	28.5	12.0	238%	23.1	14.4	160%
Daniels-Strawberry	8,008	30.2	12.4	244%	29.2	16.6	176%
Dry Fork	7,093	26.8	13.6	197%	25.9	20.4	127%
Lookout Peak	8,161	53.0	26.4	201%		30.0	
Louis Meadow	6,700	42.9	14.7	292%		21.6	
Mill-D North	8,963	56.9	24.2	235%		24.7	
Parleys Summit	7,585	34.9	13.1	266%		21.4	
Payson R.S.	8,044	33.4	12.6	265%		14.6	
Snowbird	9,177	70.2	37.4	188%		33.9	
Timpanogos Divide	8,140	49.9	17.2	290%		22.4	
Trial Lake	9,992	37.1	21.5	173%	34.3	22.3	154%
Basin Index (%)		226%			65%		

-M = Missing Data

* = Analysis may not provide a valid measure of conditions

R = Rough, <10 years of data available

C = Conditional, only 10-19 years



Drought Monitoring Plan

Criteria used to recommend Water Supply Availability Level and Triggering Criteria

Water Supply Availability Level	Water Shortage Description	Water Demand Reduction Target	Triggering Criteria Applied to Water Supply Availability Levels			
			CUWCD Supply Availability (Jordanelle storage of CUP)	PRWUA Supply Allocation (in the Provo River Project)	Salt Lake Valley Groundwater Conditions	Drought Monitoring Committee Vote
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	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	Diversions to compensate for shortage exceeds 16,000 AF, or 3-year average exceeds safe yield	0
Level 3 	Extreme	20 – 30%	At least 90-95% supply availability	<75% supply allocation	Diversions to compensate for shortage exceeds 20,000 AF, or 3-year average exceeds safe yield	0
Level 4 	Critical/Exceptional	30 – 50%	Less than 90% supply availability	Less than 45% supply allocation	Diversions to compensate for shortage exceeds 20,000 AF, or 3-year average exceeds safe yield	0

Water Supply Availability Messaging

Level 0	<ul style="list-style-type: none">• 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.• 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.• 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.• 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.• Make changes to your landscape to make it more sustainable for Utah's climate - take advantage of higher incentives offered through Utah Water Savers.
Level 1	<ul style="list-style-type: none">• All messaging from Level 0• 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.



CENTRAL UTAH WATER

Provo Upper Lakes Snow Survey Photo Comparison

Provo Area Operations

4/6/2023

Bald Mountain Pass Restroom

April 5, 2023



April 4, 2017



Washington Lake Stop Sign

April 5, 2023



April 5, 2022



Trial Lake Snotel Site

April 5, 2023



April 4, 2017



Trial Lake Snotel Marker

April 5, 2023



Mar. 1, 2022



Trial Lake Campground

April 5, 2023



April 4, 2017



Jordanelle Dam – April 5, 2023



WATER QUALITY UPDATE

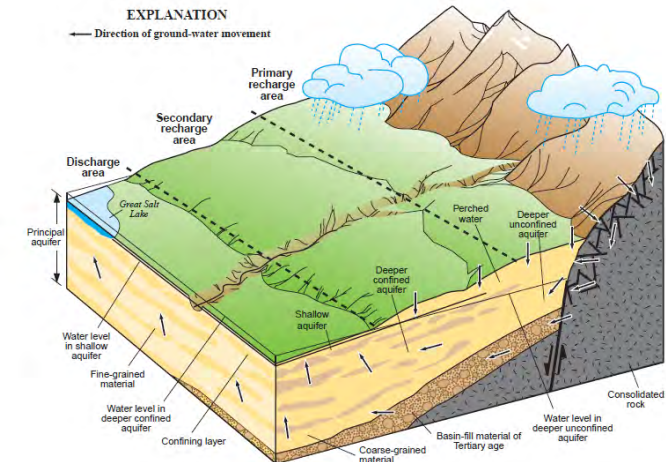
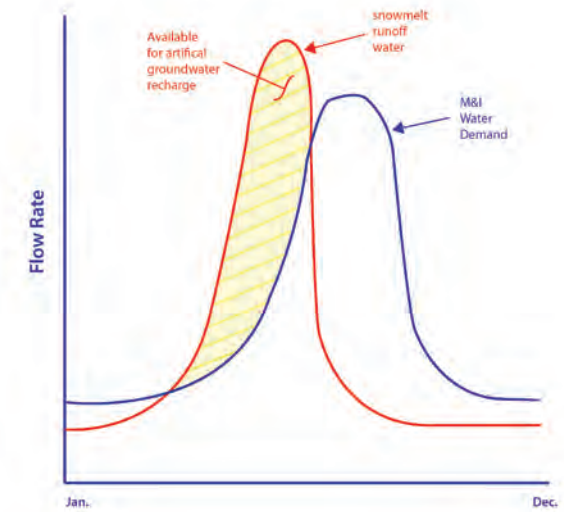
ARTIFICIAL GROUNDWATER RECHARGE: RESEARCH, OPERATIONS & PERMITTING

Water Quality Update
April 12, 2023

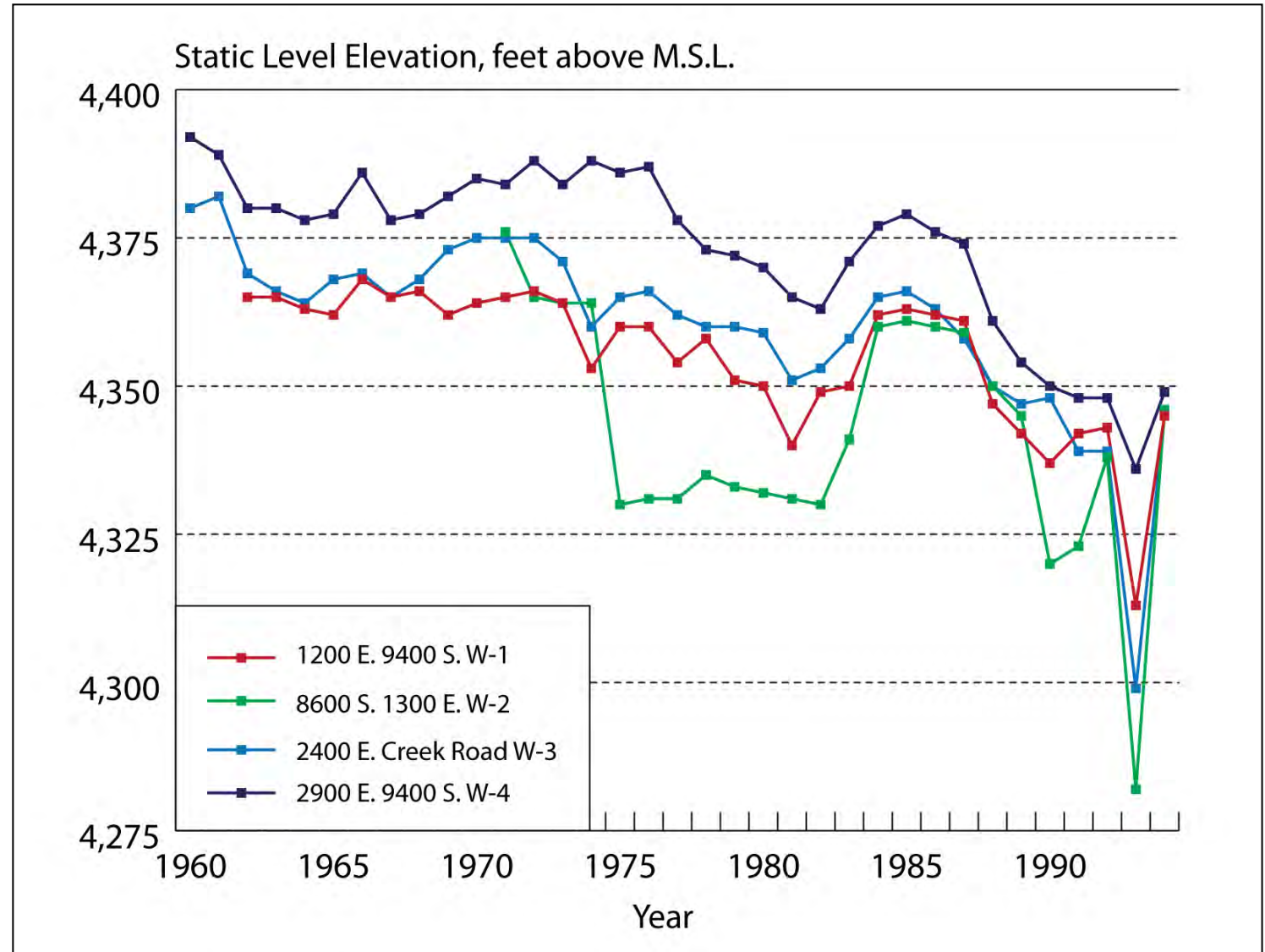


AQUIFER STORAGE AND RECOVERY (ASR) PURPOSES

- Stabilize declining groundwater levels
- Use off-peak aqueduct import capacity
- Capture and store snowmelt runoff during April through June
- Extract stored water to meet July - September peak demands



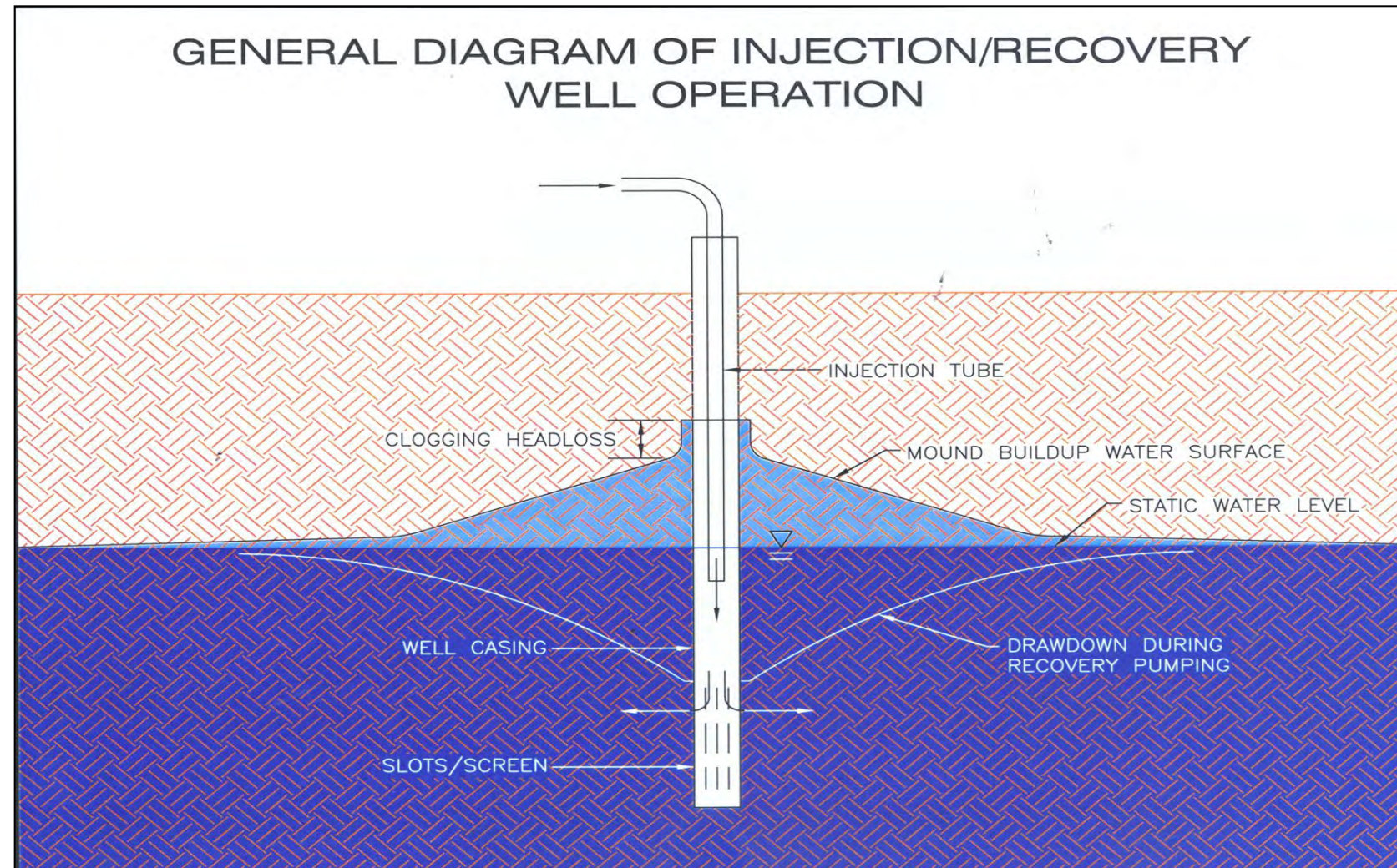
DECLINING STATIC WATER LEVELS IN SELECTED STUDY AREA WELLS



INJECTION WELL METHOD

Injection chosen over surface infiltration because:

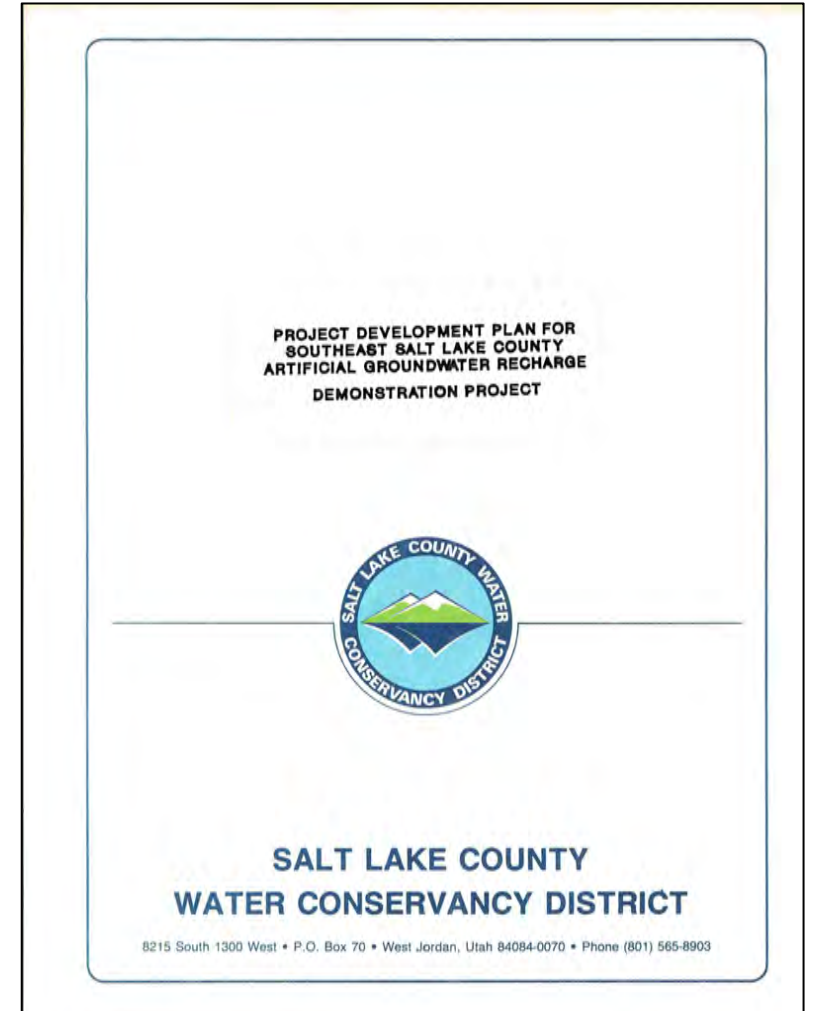
- No large vacant land parcels.
- Uncontrolled vertical movement to static water depth of 400-600 feet.



ARTIFICIAL GROUNDWATER RECHARGE: DEMONSTRATION PROJECT

Southeast Salt Lake County Artificial Groundwater Recharge Demonstration Project (1990)

- Literature research of ASR projects in the US was performed to review potential injection well plugging mechanisms.
- Lands and right-of-way were acquired.
- Necessary water right and water quality permits were acquired.
- Facilities were designed and constructed.
- Facilities were operated for three seasons (1991-1994).
- Hydrogeologic response and water quality monitoring were conducted.
- Analysis and reporting were performed.



ARTIFICIAL GROUNDWATER RECHARGE: DEMONSTRATION PROJECT

2100 East Solena Way

- A combination injection/recovery well was constructed and operated.



JVWCD Deep Well: Solena Way Well head



GROUNDWATER RECHARGE AND RECOVERY ACT (1991) UTAH CODE 73-3B

- The Utah Water Code had no provision for permitting artificial groundwater recharge projects in 1986 for JVWCD's initial demonstration project.
- The Utah Division of Water Rights approved water right change applications for "point of rediversion" to acknowledge storage and recovery of underground injection of surface water.
- Recharge permit.
- Application process and hydrologic studies.

GROUNDWATER RECHARGE AND RECOVERY ACT (1991) UTAH CODE 73-3B (CONT.)

Approval if:

- Technical and financial capability
- Valid water right for injectate
- Hydrologic feasibility
- Not cause unreasonable harm to land
- Not impair water rights
- Not adversely affect water quality
- Not impair other water rights
- Recovery can be other than recharger, with agreement
- In same hydrologic basin



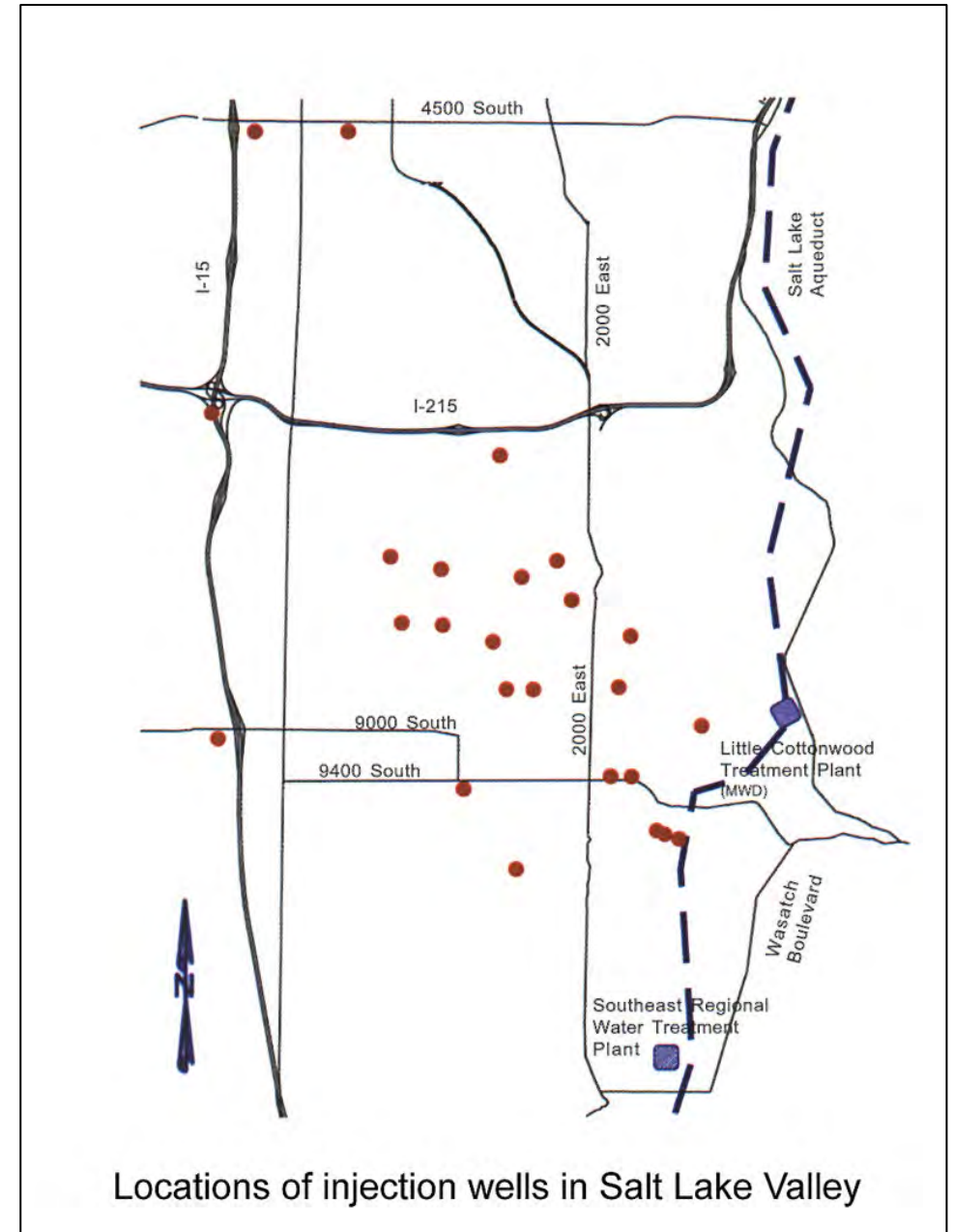
SUBSEQUENT WATER RIGHT PERMITTING FOR JVWCD 1991 DEMONSTRATION PROJECT

- The first recharge permit in Utah was issued to JVWCD for the demonstration project wells.
- The first recovery permit in Utah was issued to JVWCD for the same wells.
- JVWCD was given 100% recovery credit during the first year of storage.
- 10% loss for each additional year of holdover storage underground.



WATER QUALITY PERMIT

- Underground Injection Control (UIC) class 5 permit
- Utah Division of Water Quality jurisdiction
- 5-year renewals
- Regular monitoring and reporting when injection is occurring



UIC PERMIT REQUIRES SURFACE WATER TREATMENT TO DRINKING WATER STANDARDS



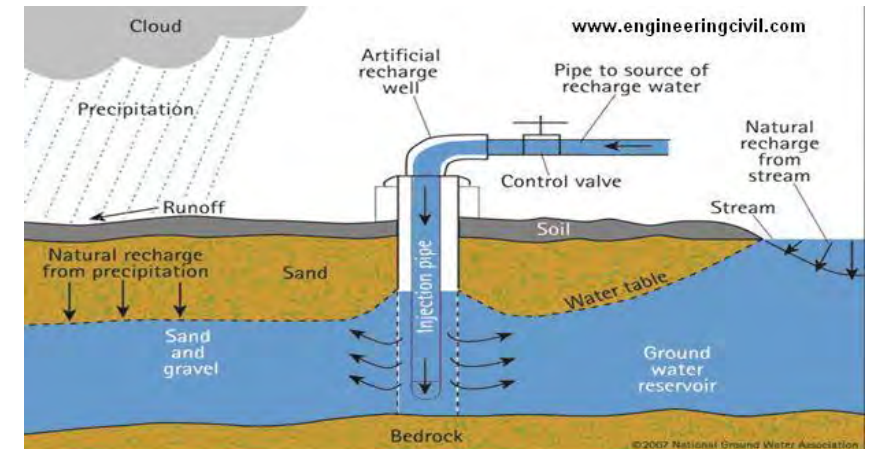
UIC PERMIT WATER QUALITY MONITORING

Organics (VOC's, pesticides, SOC's)	Quarterly
Inorganics	Quarterly
Radionuclides	Quarterly
Bacteriological	Bi-weekly
Physical parameters	Bi-weekly



POTENTIAL INJECTION WELL PLUGGING

- Suspended sediments, turbidity
- Air entrainment
- Precipitation/solution
- Microbial growth



DEEP WELL SITES FOR JVWCD

- 1145 East Webster Drive
- 1200 East 9400 South
- 1453 East 9400 South
- 1526 East 8600 South
- 1600 East Siesta Drive
- 1800 East Creek Road
- 2090 East 8600 South
- 2400 East Creek Road
- 7700 South 700 East
- 7800 South 1000 East
- 7800 South 1300 East
- 8200 South 700 East
- 8200 South 1000 East
- 8200 South 1300 East
- 8518 South 960 East
- 8600 South 1300 East
- 9003 S. Quail Hollow Drive
- 9390 South Solena Way



QUESTIONS AND DISCUSSION



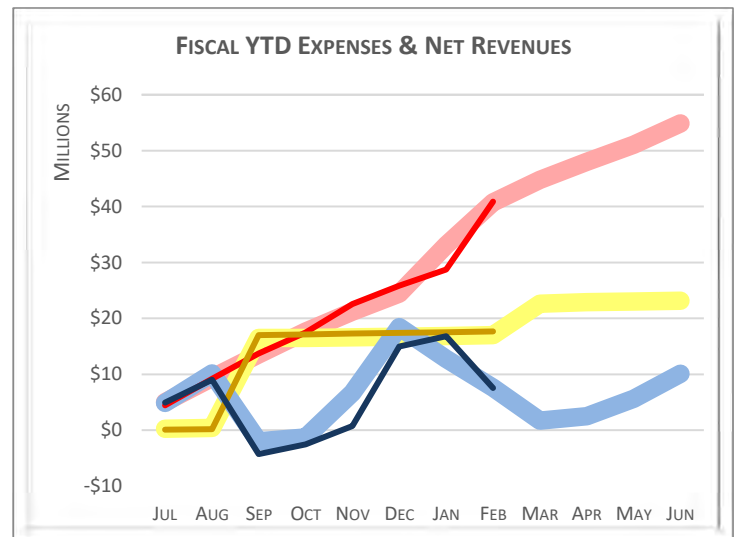
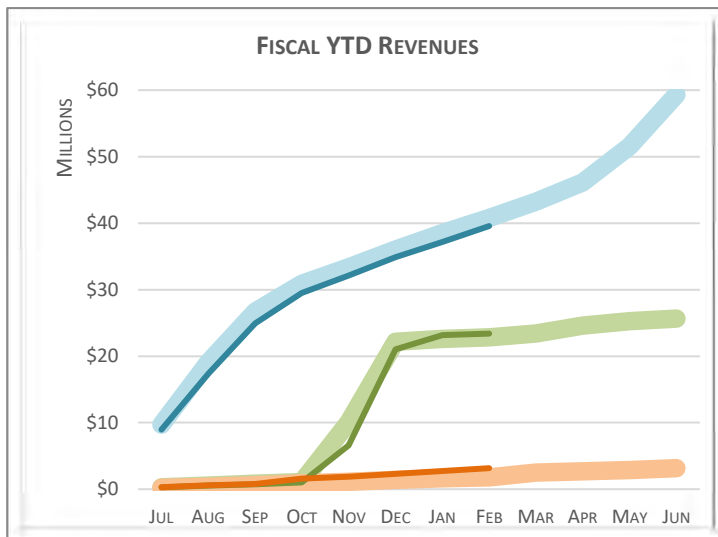
STANDING COMMITTEE REPORTS

FINANCE UPDATE

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FINANCIAL REPORT SUMMARY – FEBRUARY 2023

MONTHLY AND YEAR-TO-DATE OPERATING SUMMARY

	Legend	FEBRUARY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET
REVENUES				
Water Sales Revenue	—	\$ 2,371,724	\$ 39,567,148	\$ 59,313,072
Property Tax Revenue	—	224,914	23,390,597	25,650,346
All Other Revenue	—	414,198	3,162,585	3,159,300
		3,010,836	66,120,329	88,122,718
EXPENSES				
Operating Expenses	—	12,150,895	40,888,949	54,869,891
Bond Debt Service	—	122,443	17,673,793	23,164,500
Net Revenues after Debt Service	—	\$ (9,262,502)	\$ 7,557,587	\$ 10,088,327



OTHER FINANCIAL HIGHLIGHTS

FUND BALANCES	
Revenue	\$ 10,821,160
Operation & Maintenance	19,641,582
General Equipment	604,769
Retail Deposit Account	203,080
Bond Proceeds	19,276,300
Capital Projects	6,646,058
Replacement Reserve	19,396,486
Development Fee	514,606
Other Reserves	14,085,011
Bond Reserves	5,084,689
	\$ 96,273,742

LONG-TERM DEBT INFORMATION	
Outstanding Bonds and	
Notes Payable - 02/28/2023	\$ 307,185,022
 <u>Average Annual Debt Payments Next 10-Years</u>	
Principal Payments	\$ 14,738,515
Interest Payments	16,516,500
	\$ 31,255,015
 <u>Projected Next Future Bond Issue</u>	
Bond Issue Date	January 2024
Bond Issue Amount	\$ 100,000,000

JORDAN VALLEY WATER CONSERVANCY DISTRICT
INCOME STATEMENT - FEBRUARY 2023 (67%)

MODIFIED ACCRUAL BASIS - UNAUDITED

	FEBRUARY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET	FEBRUARY 2022	FY 21/22 Y-T-D	FY 21/22 BUDGET	% OF BUDGET
REVENUES								
Metered Sales of Water								
- Wholesale	\$ 2,098,457	\$ 34,546,168	\$ 52,554,723	66%	\$ 2,003,314	\$ 32,305,882	\$ 51,303,595	63%
- Retail	273,268	5,020,980	6,758,349	74%	172,309	4,877,128	7,514,783	65%
Impact Fees	-	126,736	512,000	25%	12,458	94,137	407,000	23%
General Property Tax	224,914	23,390,597	25,650,346	91%	196,335	21,587,760	23,230,051	93%
Other - Investment Income, etc.	346,094	2,021,994	1,087,300	186%	43,700	306,185	548,900	56%
Other - Misc.	68,103	1,013,854	1,560,000	65%	82,361	1,270,027	1,605,000	79%
Total Revenues	3,010,836	66,120,329	88,122,718	75%	2,510,477	60,441,119	84,609,329	71%
OPERATING EXPENSES *								
Water Purchases	9,732,112	16,590,696	18,615,784	89%	9,254,914	16,653,358	17,672,551	94%
Operations and Maintenance	743,024	7,216,467	11,621,168	62%	308,149	6,041,522	10,678,691	57%
General and Administrative	242,507	3,768,326	5,131,328	73%	213,568	3,250,912	4,874,489	67%
Payroll Related	1,433,253	13,313,460	19,501,611	68%	1,385,990	11,588,600	17,949,637	65%
Total Operating Expenses	12,150,895	40,888,949	54,869,891	75%	11,162,621	37,534,392	51,175,368	73%
Net Revenues Available for Debt Service	(9,140,059)	25,231,380	33,252,827	76%	(8,652,143)	22,906,727	33,433,961	69%
Bond Debt Service	122,443	17,673,793	23,164,500	76%	92,826	16,866,712	22,357,783	75%
Net Revenues after Debt Service	(9,262,502)	7,557,587	10,088,327		(8,744,969)	6,040,015	11,076,178	
Transfer of Revenue Stabilization Funds	-	8,402,108	8,402,108	100%	-	5,590,263	5,590,263	100%
Net Revenues	\$ (9,262,502)	\$ 15,959,695	\$ 18,490,435		\$ (8,744,969)	\$ 11,630,278	\$ 16,666,441	
* See Exhibit 2 for summary of expenses by line item.								
NON-OPERATING EXPENSES (REVENUES)								
Capital Replacement Projects	\$ 463,576	\$ 6,796,829	\$ 21,837,862	31%	\$ 587,003	\$ 2,236,585	\$ 16,275,869	14%
Capital Projects	5,518,373	20,340,376	32,456,659	63%	1,852,008	4,922,938	14,240,579	35%
Development Fee	298,845	407,686	512,000	80%	-	-	407,000	0%
General Equipment	115,395	417,202	903,100	46%	43,210	387,799	727,510	53%
Self Insurance Claims	374	(880)	100,000	-1%	1,336	58,926	100,000	0%
Bond Cost of Issuance	-	-	250,000		-	560,548	350,000	
Subtotal	6,396,562	27,961,212	56,059,621	50%	2,483,557	8,166,796	32,100,958	25%
Cap Proj Grants & Other Contrib	-	(1,037,239)	(2,849,431)	36%	-	(749,052)	(2,281,758)	33%
(Gain) / Loss on Sale of Assets	(1,509,801)	(1,584,281)	-		-	(43,070)	-	
Bond Cost of Issuance Proceeds	-	-	(250,000)		-	(560,548)	(350,000)	
Subtotal	(1,509,801)	(2,621,520)	(3,099,431)	85%	-	(1,352,670)	(2,631,758)	51%
Total Non-operating Expenses (Revenues)	\$ 4,886,762	\$ 25,339,693	\$ 52,960,190		\$ 2,483,557	\$ 6,814,126	\$ 29,469,200	23%

JORDAN VALLEY WATER CONSERVANCY DISTRICT
OPERATING EXPENSES SUMMARY - FEBRUARY 2023 (67%)

MODIFIED ACCRUAL BASIS - UNAUDITED

DESCRIPTION	FEBRUARY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET	FEBRUARY 2022	FY 21/22 Y-T-D	FY 21/22 BUDGET	% OF BUDGET
Water Purchases	\$ 9,729,324	\$ 15,370,570	\$ 17,402,067	88%	\$ 9,252,204	\$ 15,494,209	\$ 16,656,830	93%
Water Stock Assessments	2,788	1,220,126	1,213,717	101%	2,710	1,159,149	1,015,721	114%
Total Water Purchases	9,732,112	16,590,696	18,615,784	89%	9,254,914	16,653,358	17,672,551	94%
Building & Grounds Maint	32,729	224,958	389,512	58%	11,842	186,046	398,254	47%
General Property & Leases	4,237	90,549	210,482	43%	589	67,783	206,732	33%
Repair & Replacement	153,967	865,552	1,230,499	70%	79,421	480,735	1,194,680	40%
Scheduled Maintenance	22,811	266,147	552,539	48%	8,284	380,056	557,766	68%
Tools & Supplies	26,037	203,120	338,911	60%	10,639	134,391	257,794	52%
Treatment - Chemicals	114,878	1,471,302	2,780,169	53%	62,209	951,985	2,028,470	47%
Treatment - Lab, Studies & Quality	112,478	393,691	607,499	65%	18,138	174,834	587,195	30%
Utilities - JVWTP	41,897	205,690	347,460	59%	10,273	177,128	307,740	58%
Utilities - SERWTP	22,224	74,464	118,842	63%	6,566	69,688	107,044	65%
Utilities - SWGWTP & RO Wells	42,743	289,973	734,702	39%	29,570	288,042	772,776	37%
Utilities - Wells	90,230	998,855	1,334,878	75%	14,505	1,194,656	1,130,331	106%
Utilities - Boosters	25,381	1,264,337	1,663,712	76%	9,265	1,059,777	1,875,568	57%
Utilities - JNPS & JA	8,500	509,034	784,314	65%	3,339	545,171	785,514	69%
Utilities - Other	20,233	134,700	203,549	66%	33,417	145,412	196,198	74%
Utility Location (Blue Stakes)	2,204	21,596	28,050	77%	-	14,760	28,050	53%
Vehicle & Gen. Equip. - Fuel	15,907	148,585	180,060	83%	-	103,864	143,690	72%
Vehicle & Gen. Equip. - Parts	6,568	53,915	115,990	46%	10,092	67,195	100,889	67%
Total Operations & Maintenance	743,024	7,216,467	11,621,168	62%	308,149	6,041,522	10,678,691	57%
Bond Fees	12,544	290,880	424,000	69%	8,378	230,498	409,500	56%
Computer Supplies	74,617	454,589	822,775	55%	57,379	438,854	828,026	53%
Conservation Programs	47,893	988,699	1,000,860	99%	70,470	617,320	970,200	64%
General & Administrative	11,985	167,141	211,950	79%	17,061	138,434	192,955	72%
General Insurance	-	1,094,509	1,031,351	106%	-	945,379	876,114	108%
Legal & Auditing Fees	23,412	284,495	481,650	59%	18,725	270,609	482,650	56%
Office / Mailing / Safety	27,961	164,901	277,858	59%	14,175	156,040	256,686	61%
Professional Consulting Services	10,626	143,287	316,350	45%	17,699	180,417	276,000	65%
Public Relations	5,809	27,186	162,925	17%	1,527	138,742	194,635	71%
Training & Education	27,660	152,639	401,609	38%	8,154	134,619	387,723	35%
Total General & Administrative	242,507	3,768,326	5,131,328	73%	213,568	3,250,912	4,874,489	67%
Payroll Related	1,433,253	13,313,460	19,501,611	68%	1,385,990	11,588,600	17,949,637	65%
Total Operating Expenses	\$ 12,150,895	\$ 40,888,949	\$ 54,869,891	75%	\$ 11,162,621	\$ 37,534,392	\$ 51,175,368	73%

JORDAN VALLEY WATER CONSERVANCY DISTRICT
METERED SALES OF WHOLESALE WATER - FEBRUARY 2023

MODIFIED ACCRUAL BASIS - UNAUDITED

WHOLESALE MEMBER AGENCY	CURRENT MONTH			FISCAL YTD		
	FEBRUARY 2023	FEBRUARY 2022	INCREASE / (DECREASE)	FEBRUARY 2023	FEBRUARY 2022	INCREASE / (DECREASE)
Bluffdale	\$ 67,275	\$ 71,684	\$ (4,409)	\$ 1,324,666	\$ 1,193,414	\$ 131,252
Div of Fac Const & Mgmt	7,297	15,486	(8,189)	136,370	161,348	(24,977)
Draper	63,794	69,142	(5,348)	1,547,523	1,474,800	72,723
Granger-Hunter	451,949	472,989	(21,040)	7,322,258	7,367,322	(45,064)
Herriman	81,034	80,141	893	2,637,516	2,162,453	475,063
Hexcel Corporation	33,092	23,977	9,115	245,850	205,395	40,455
Kearns	185,268	179,904	5,363	2,968,621	2,773,067	195,554
Magna	22,691	25,848	(3,156)	222,162	219,920	2,242
Midvale	72,931	30,916	42,015	1,208,394	893,239	315,154
Riverton	160,434	155,305	5,129	1,880,014	1,561,636	318,378
South Jordan	275,159	259,076	16,083	5,653,354	6,107,084	(453,730)
South Salt Lake	45,417	29,535	15,882	248,522	279,147	(30,625)
Taylorsville-Bennion	194,587	177,647	16,940	1,380,250	1,283,902	96,348
WaterPro, Inc.	-	-	-	-	-	-
West Jordan	437,364	411,506	25,858	7,756,176	6,605,768	1,150,408
White City	50	50	-	400	400	-
Willow Creek Country Club	115	109	6	14,091	16,987	(2,896)
TOTALS	<u>\$ 2,098,457</u>	<u>\$ 2,003,314</u>	<u>\$ 95,142</u>	<u>\$ 34,546,168</u>	<u>\$ 32,305,882</u>	<u>\$ 2,240,286</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FUND BALANCES - FEBRUARY 2023

CASH BASIS - UNAUDITED

Operating Funds				
	Revenue Fund *	Operation and Maintenance Fund *	General Equipment Fund	Retail Deposit Account
Beginning Cash Balance	\$ 7,804,026.21	\$ 30,334,616.65	\$ 717,589.43	\$ 201,580.00
<u>CASH RECEIPTS:</u>				
Operations	4,119,201.50	224,914.16	-	3,000.00
Interest	28,134.12	74,684.69	2,574.37	-
Bond	-	-	-	-
Transfers	-	1,000,000.00	-	-
Total Cash Receipts	<u>4,147,335.62</u>	<u>1,299,598.85</u>	<u>2,574.37</u>	<u>3,000.00</u>
<u>CASH DISBURSEMENTS:</u>				
Operations	7,758.72	11,992,633.72	-	1,500.00
Capital	-	-	115,394.67	-
Debt Service	122,442.90	-	-	-
Other	-	-	-	-
Transfers	1,000,000.00	-	-	-
Total Disbursements	<u>1,130,201.62</u>	<u>11,992,633.72</u>	<u>115,394.67</u>	<u>1,500.00</u>
Net Change in Cash	<u>3,017,134.00</u>	<u>(10,693,034.87)</u>	<u>(112,820.30)</u>	<u>1,500.00</u>
Ending Cash Balance	<u>\$ 10,821,160.21</u>	<u>\$ 19,641,581.78</u>	<u>\$ 604,769.13</u>	<u>\$ 203,080.00</u>
* Minimum Balance				
or Reserve	<u>\$ 5,791,125.00</u>	<u>\$ 7,400,000.00</u>	<u>\$ -</u>	<u>\$ -</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FUND BALANCES - FEBRUARY 2023

CASH BASIS - UNAUDITED

	Capital Funds		
	Capital Replacement Reserve Fund	Capital Projects Fund	Bond Projects Fund
Beginning Cash Balance	\$ 15,803,367.22	\$ 5,713,728.65	\$ 30,419,852.76
<u>CASH RECEIPTS:</u>			
Operations	-	-	-
Interest	56,695.01	20,498.16	110,505.37
Bond	-	-	-
Transfers	<u>4,000,000.00</u>	<u>7,254,058.33</u>	<u>-</u>
Total Cash Receipts	<u>4,056,695.01</u>	<u>7,274,556.49</u>	<u>110,505.37</u>
<u>CASH DISBURSEMENTS:</u>			
Operations	-	-	-
Capital	463,575.84	5,827,620.48	-
Debt Service	-	-	-
Other	-	-	-
Transfers	<u>-</u>	<u>-</u>	<u>11,254,058.33</u>
Total Disbursements	<u>463,575.84</u>	<u>5,827,620.48</u>	<u>11,254,058.33</u>
Net Change in Cash	<u>3,593,119.17</u>	<u>1,446,936.01</u>	<u>(11,143,552.96)</u>
Ending Cash Balance	<u>\$ 19,396,486.39</u>	<u>\$ 7,160,664.66</u>	<u>\$ 19,276,299.80</u>
 * Minimum Balance or Reserve	 \$ -	 \$ -	 \$ -

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FUND BALANCES - FEBRUARY 2023

CASH BASIS - UNAUDITED

	Reserve Funds		Restricted Funds		Total
	Other Reserve Funds *	Self Insurance Fund *	Revenue Stabilization Fund	Total Bond Debt Service Reserve Funds *	Total All Funds *
Beginning Cash Balance	\$ 384,703.67	\$ 5,141,030.29	\$ 8,509,300.03	\$ 5,082,058.97	\$ 110,111,853.88
<u>CASH RECEIPTS:</u>					
Operations	-	-	-	-	4,347,115.66
Interest	1,380.13	18,443.59	30,527.34	2,630.19	346,072.97
Bond	-	-	-	-	-
Transfers	-	-	-	-	12,254,058.33
Total Cash Receipts	1,380.13	18,443.59	30,527.34	2,630.19	16,947,246.96
<u>CASH DISBURSEMENTS:</u>					
Operations	-	374.40	-	-	12,002,266.84
Capital	-	-	-	-	6,406,590.99
Debt Service	-	-	-	-	122,442.90
Other	-	-	-	-	-
Transfers	-	-	-	-	12,254,058.33
Total Disbursements	-	374.40	-	-	30,785,359.06
Net Change in Cash	1,380.13	18,069.19	30,527.34	2,630.19	(13,838,112.10)
Ending Cash Balance	\$ 386,083.80	\$ 5,159,099.48	\$ 8,539,827.37	\$ 5,084,689.16	\$ 96,273,741.78
* Minimum Balance or Reserve	\$ 386,083.80	\$ 5,159,099.48	\$ -	\$ 5,084,689.16	\$ 23,820,997.44

JORDAN VALLEY WATER CONSERVANCY DISTRICT

FUND BALANCES - FEBRUARY 2023

INVESTMENT SUMMARY

	Institution/Account	Fund	Date Invested	Maturity Date	Interest Rate	Principal Invested
Operating Funds	Zlons Bank - Checking/Sweep Account	Revenue	02/01/23	02/28/23	4.23%	\$ 2,696,037.37
	Paypal Account - Garden Revenue	Revenue	02/01/23	02/28/23	0.00%	6,577.93
	Wells Fargo Bank - Savings Account	Revenue	02/01/23	02/28/23	0.10%	378,048.04
	Express Bill Pay Deposit Account	Revenue	02/01/23	02/28/23	0.00%	91,287.61
	CUWCD Series B-4 Revenue Bonds	Revenue	06/20/13	10/01/34	4.76%	1,670,000.00
	Public Treasurers Investment Fund	Revenue	02/01/23	02/28/23	4.66%	5,979,209.26
	Subtotal - Revenue Funds					10,821,160.21
	Zlons Bank - Checking/Sweep Account	O&M	02/01/23	02/28/23	4.23%	1,038,443.59
	Public Treasurers Investment Fund	O&M	02/01/23	02/28/23	4.66%	18,603,138.19
	Subtotal - O&M Funds					19,641,581.78
Operating Funds	Public Treasurers Investment Fund	General Equipment	02/01/23	02/28/23	4.66%	604,769.13
	Retail Deposit Account	Retail Deposit	02/01/23	02/28/23	0.00%	203,080.00
	Total Operating Funds					\$ 31,270,591.12
Capital Funds	Public Treasurers Investment Fund	Capital Replacement Reserve	02/01/23	02/28/23	4.66%	\$ 19,396,486.39
	Public Treasurers Investment Fund	Capital Projects	02/01/23	02/28/23	4.66%	6,646,058.33
	Public Treasurers Investment Fund	Bond Project Funds	02/01/23	02/28/23	4.66%	19,276,299.80
	Public Treasurers Investment Fund	Development Fee	02/01/23	02/28/23	4.66%	514,606.33
	Total Capital Funds					\$ 45,833,450.85
Reserve Funds	Public Treasurers Investment Fund	Self Insurance	02/01/23	02/28/23	4.66%	\$ 5,159,099.48
	Public Treasurers Investment Fund	JVWTP Maintenance	02/01/23	02/28/23	4.66%	93,704.20
	Public Treasurers Investment Fund	Bond R&R	02/01/23	02/28/23	4.66%	169,339.78
	Public Treasurers Investment Fund	JA Maintenance	02/01/23	02/28/23	4.66%	123,039.82
	Public Treasurers Investment Fund	Revenue Stabilization	02/01/23	02/28/23	4.66%	8,539,827.37
Total Reserve Funds					\$ 14,085,010.65	
Restricted Funds	Zions Bank (Trustee) - US Treasury Notes	B-1 Bond Debt Serv Res	Varies	Varies	0.57%	\$ 4,923,502.80
	Zions Bank (Trustee) - US Treasury Notes	2009C Bond Debt Serv Res	Varies	Varies	0.57%	161,186.36
	Total Restricted Funds					\$ 5,084,689.16
TOTAL ALL FUNDS						\$ 96,273,741.78

JORDAN VALLEY WATER CONSERVANCY DISTRICT

BALANCE SHEET - FEBRUARY 2023

MODIFIED ACCRUAL BASIS - UNAUDITED

	FEBRUARY 2023	FEBRUARY 2022
ASSETS		
<i>Current Assets:</i>		
Cash & Cash Equivalents (Note 1)	\$ 71,919,087	\$ 68,964,429
Accounts Receivable	3,690,653	3,113,322
Inventory	654,868	615,769
Total Current Assets	76,264,609	72,693,519
<i>Restricted Assets:</i>		
Cash & Investments	24,360,989	48,870,972
<i>Long-Term Assets:</i>		
Long-Term Receivables	-	-
Other Assets	8,565,423	2,753,730
Property, Plant & Equipment (Net)	575,485,193	553,240,120
Total Long-Term Assets	584,050,616	555,993,850
Total Assets	\$ 684,676,214	\$ 677,558,342
LIABILITIES & FUND EQUITY		
<i>Current Liabilities:</i>		
Accounts Payable	\$ 462,627	\$ (47,667)
Other Current Liabilities	2,195,417	1,715,228
Total Current Liabilities	2,658,044	1,667,560
<i>Long-Term Liabilities:</i>		
Bonds and Notes Payable	307,185,022	322,169,384
Other Long-Term Liabilities	13,507,237	10,330,783
Total Long-Term Liabilities	320,692,259	332,500,167
Total Liabilities	323,350,303	334,167,727
Total Net Position	361,325,911	343,390,614
Total Liabilities & Net Position	\$ 684,676,214	\$ 677,558,342

Note 1: Cash and cash equivalents totalling \$40,860,847 have been committed for; replacement reserve \$19,396,486, capital projects \$6,646,058, development fee \$514,606, general equipment \$604,769, self insurance reserve \$5,159,099 and revenue stabilization fund \$8,539,827.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
IMPACT FEE SUMMARY - FEBRUARY 2023

CASH BASIS - UNAUDITED

<u>Date</u>	<u>Payee</u>	<u>Subdivision/Lot#</u>	<u>Area</u>	<u>Amount</u>
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Total Fees Collected February

\$ -

Total Fees Collected Fiscal YTD

\$ 126,736.35

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CHECK REGISTER - REVENUE ACCOUNT

For the Period February 01, 2023 Through February 28, 2023

CHECK NO.	CHECK DATE	VENDOR NAME	CHECK AMOUNT
71907	2/3/23	BOARD OF EDUCATION OF THE GRANITE SCI	\$40.42
71908	2/3/23	BUFFALO HOLDINGS, LLC	57.94
71909	2/3/23	DEWOLFE, DANNY	22.26
71910	2/3/23	FRISK, LARRY & KAYE	15.44
71911	2/3/23	PANAS, NICK	75.42
71912	2/3/23	RCK FAM LIV TRUST (RICHARD C KNUDSON I	17.00
71913	2/3/23	RR AND PP, LLC	14.00
71914	2/10/23	DAVIS, ZACHARY	10.95
71915	2/10/23	GARDUNO, CECIL	10.42
71916	2/10/23	JENSEN, KATRINA H	25.00
71917	2/10/23	NOLAND & SON CONSTRUCTION COMPANY I	15.00
71918	2/10/23	ROBERT MCDONALD, PC, A UTAH CORPORA	79.09
71919	2/24/23	ABEL, ROBERT L	18.32
71920	2/24/23	BAXENDELL GREGOR PROPERTIES	14.00
71921	2/24/23	GOSDIS, SHANE	31.32
71922	2/24/23	INNOVA CONCEPTS, LLC	19.00
71923	2/24/23	MCINTIRE, WILLIAM & ESSAAF	35.00
71924	2/24/23	MEAD, MICHAEL K	43.34
71925	2/24/23	SMITH, DAVIS & ASIALENE	43.46
71926	2/24/23	UTAH REAL ESTATE BUYERS	20.00

REPORT TOTAL: \$607.38

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178401	2/1/23	ALLREDS INC 81000570 5380	FLAME SENSOR FOR CHLORINE BUIL	11.00	\$11.00
178402	2/1/23	BECK CONSTRUCTION & EXCAVATION 82000570 5380	REPAIR HDPE BYPRODUCT PIPELINE	18,650.00	18,650.00
178403	2/1/23	BLACK FOREST PAVING 11000160 6010 3910	HEADQUARTERS CAMPUS SITE IMPRO	242,978.75	242,978.75
178404	2/1/23	BULLOCKS TOWING INC 81000570 5330	TOW # 729 TO BOUNTIFUL FORD PE	576.00	576.00
178405	2/1/23	DAVID D MARTIN 51000650 5290	GFOA CONFERENCE	297.80	297.80
178406	2/1/23	DOMINION ENERGY 75500590 5420 72000590 5420 72000590 5420	110 E 11400 S 11574 WYNDCASTLE ACTI 11574 WYNDCASTLE FILT	519.34 2,028.19 3,679.22	6,226.75
178407	2/1/23	ERIKS 81072570 5380	SADLE TO REPAIR CHLORINE LEAK	45.70	45.70
178408	2/1/23	ELLIOTT AUTO SUPPLY COMPANY INC 81000570 5330	EVAP CANISTER, FACTORY MOTOR P	159.86	159.86
178409	2/1/23	GRITTON & ASSOCIATES 81000570 5380	CIRCULATION PUMP FOR THE EDUCA	611.25	611.25
178410	2/1/23	HONDA WORLD 81000570 5330	WINCH ROPES FOR RANGER AND 4 W	85.94	85.94
178411	2/1/23	HOUSE OF PUMPS 81072570 5380	SAMPLE PUMP FOR SERWTP	834.48	834.48
178412	2/1/23	INTERIOR SOLUTIONS 83000570 5350	OFFICE MODIFICATIONS	2,578.22	2,578.22
178413	2/1/23	INTERSTATE IMAGE INC 81000570 5330	DOOR LOGOS-INTERSTATE IMAGE	291.20	291.20
178414	2/1/23	JORDAN RIVER COMMISSION 51000650 5170	SPONSORSHIP FOR ANNUAL GET TO	2,500.00	2,500.00
178415	2/1/23	KARL MALONE PLAZA CYCLE 81000570 5330	BATTERY FOR THE RANGER	151.05	151.05
178416	2/1/23	KEN GARFF WEST VALLEY FORD 81000198 6010	FORD F-150 TO REPLACE A 1/2 TO	41,313.00	41,313.00
178417	2/1/23	LAYTON CITY 52000570 5400	997 W GENTILE	79.80	79.80
178418	2/1/23	LEGAL SHIELD 11000200 2135	PAYROLL 011523	1,329.80	1,329.80
178419	2/1/23	MCGUIRE BEARING COMPANY 81073570 5380	PILLOW BLOCK BEARINGS FOR HVAC	49.82	49.82

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178420	2/1/23	METECH RECYCLING			\$357.52
		90000650 5230	METECH RECYCLING - COMPUTER DI	357.52	
178421	2/1/23	NATIONAL WATER RESOURCES ASSOCIATION			525.00
		51000650 5170	NWRA 2023 ANNUAL DUES	525.00	
178422	2/1/23	PORTER PAINTS			2,541.84
		83000570 5350	FLOOR PAINT & CLEAR COAT 1100	2,541.84	
178423	2/1/23	POSTMASTER			3,800.00
		60000650 5250	RETAIL BILLING POSTAGE	3,800.00	
178424	2/1/23	REPUBLIC SERVICES INC			1,623.59
		83000570 5350	MAINTENANCE	505.60	
		72072570 5350	SERWTP	242.59	
		73073570 5350	SWGWT	328.78	
		71071570 5350	JVWTP	373.75	
		51000650 5350	ADMIN	172.87	
178425	2/1/23	ROCKY MOUNTAIN POWER			95,733.53
		75704590 5410	175509260261	20.25	
		75746590 5410	311522760330	30.22	
		75773590 5410	227856660021	184.62	
		71000590 5410	175509260287	23,814.01	
		72000590 5410	175509260188	5,626.59	
		75214590 5410	311522760538	1,538.74	
		75215590 5410	311522760579	3,628.01	
		75216590 5410	311522760561	5,374.43	
		75303590 5410	333819860011	67.31	
		75304590 5410	333110060014	78.31	
		75306590 5410	33319160013	8,446.08	
		75308590 5410	175509260386	34.36	
		75316590 5410	175509260048	200.60	
		75316590 5410	175509260055	7,340.85	
		75317590 5410	175509260170	86.65	
		75317590 5410	311522760017	185.10	
		75318590 5410	175509260220	205.25	
		75320590 5410	326593760019	287.86	
		75320590 5410	326716960017	69.62	
		75324590 5410	175509260121	151.85	
		75327590 5410	377120460045	26,983.25	
		75328590 5410	175509260329	309.96	
		75339590 5410	311522760298	3,086.47	
		75340590 5410	311522760074	1,437.81	
		75509590 5410	259822160018	5,995.85	
		75513590 5410	913799040021	388.21	
		75517590 5410	329228560010	72.07	
		75605590 5410	175509260246	14.97	
		75619590 5410	311522760470-011623	19.55	
		75626590 5410	311522760033	20.25	
		75632590 5410	311522760454	34.43	
178426	2/1/23	SAFETY SUPPLY & SIGN COMPANY INC			37.38
		83071570 5350	ADA HANDICAP PARKING SIGNS AND	37.38	
178427	2/1/23	SALT LAKE VALLEY EMERGENCY COMMUNICATIONS CEN			14,980.00
		62000570 5670	LANDSCAPE LEADERSHIP GRANT	14,980.00	
178428	2/1/23	SANDY CITY			70.59
		75300590 5430	2580 E 9800 S	70.59	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT# DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178429	2/1/23	SILVER ELECTRIC 11000182 6010 4071 SWGWTP TWO PASS RO	2,465.00	\$2,465.00
178430	2/1/23	SOUTH JORDAN CITY 62000570 5670 MEMBER AGENCY GRANT - SOUTH JO	10,124.06	10,124.06
178431	2/1/23	STANDARD PLUMBING SUPPLY 81071570 5360 PIPE CLAMP AND FITTING FOR PEA	1.09	1.09
178432	2/1/23	T & R CONCRETE 83072570 5360 SNOW REMOVAL FOR NOVEMBER THRU	3,360.00	3,360.00
178433	2/1/23	U-SCAPE,LLC 62000570 5670 LOCALSCAPES DESIGNER REWARDS	292.91	292.91
178434	2/1/23	US BANK FINANCIAL 11000200 2132 PCARDS 122622-012523	41,254.83	41,254.83
178435	2/1/23	UTAH & SALT LAKE CANAL CO 11000170 6010 AUCTION WATER STOCK PURCHASE	11,800.00	11,800.00
178436	2/1/23	UTAH BREAKERS & SUPPLY 11000180 6010 4213 DEEP WELL # 6 WELL IMPROVEMENT	100.00	100.00
178437	2/1/23	UTAH GOVERNMENT FINANCE OFFICERS ASSOCIATION 51000650 5290 ANNUAL MEMBERSHIP	50.00	50.00
178438	2/1/23	VEHICLE LIGHTING SOLUTIONS INC 81000198 6010 LIGHTS/STROBES # 757	2,546.08	2,546.08
178439	2/1/23	VERIZON WIRELESS 90000650 5230 VERIZON AMI BILL 90000650 5230 VERIZON WIRELESS IPAD BILL 90000650 5230 VERIZON WIRELESS PHONE & DATA 90071650 5230 VERIZON AMI BILL 90071650 5230 VERIZON WIRELESS IPAD BILL 90071650 5230 VERIZON WIRELESS PHONE & DATA 90072650 5230 VERIZON AMI BILL 90072650 5230 VERIZON WIRELESS IPAD BILL 90072650 5230 VERIZON WIRELESS PHONE & DATA 90101650 5230 VERIZON AMI BILL 90101650 5230 VERIZON WIRELESS PHONE & DATA 90077650 5230 VERIZON WIRELESS PHONE & DATA	50.16 103.56 1,139.22 25.00 16.71 25.05 25.00 16.71 25.05 25.00 47.14 84.28	1,582.88
178440	2/6/23	ALPHA COMMUNICATIONS SITES INC 91000570 5530 SITE LEASE	182.33	182.33
178441	2/6/23	AUTOMATION-X CORPORATION 91000570 5310 REPLACE RADIOS AT 6100 W & 102	2,436.03	2,436.03
178442	2/6/23	CHILD SUPPORT SERVICES 11000200 2135 013123	529.00	529.00
178443	2/6/23	DANIEL L CLAYPOOL 80000570 5290 RWUA 2023	456.32	456.32
178444	2/6/23	DAVID D MARTIN 51000650 5170 MILEAGE REIMBURSEMENT	63.24	63.24

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178445	2/6/23	DOMINION ENERGY			\$22,262.45
		51000650 5420	8215 S TEMPLE DR	9,717.87	
		75500590 5420	3200 W 6200 S 1	93.40	
		75500590 5420	4400 s 4800 w rear	159.65	
		75500590 5420	5820 S 3600 W	870.88	
		71000590 5420	15305 S 3200 W	6,267.86	
		70100590 5420	17040 S 985 W	2,723.32	
		73000590 5420	8215 S TEMPLE DR	2,429.47	
178446	2/6/23	ELLSWORTH PAULSEN CONSTRUCTION COMPANY			2,718.00
		11000186 6010 4198	CHLORINE BOOSTERS	2,718.00	
178447	2/6/23	GENEVA ROCK PRODUCTS INC			477.10
		82000570 5380	ROADBASE	477.10	
178448	2/6/23	GRANGER HUNTER IMPROVEMENT			331.29
		62000570 5670	MEMBER AGENCY GRANT - GHID	331.29	
178449	2/6/23	JACOB YOUNG			397.80
		51000650 5290	AWWA/WEF 2023	397.80	
178450	2/6/23	JUSTIN CRACROFT			456.32
		80000570 5290	RWUA 2023	456.32	
178451	2/6/23	MARGARET DEA			1,099.00
		51000650 5290	TYLER CONNECT 2023	1,099.00	
178452	2/6/23	NAPA GENUINE AUTO PARTS COMPANY			1,463.60
		81000570 5330	PARTS FROM NAPA	1,463.60	
178453	2/6/23	NATIONAL BENEFIT SERVICES HRA			150.00
		11000200 2135	POP PLAN 23-24	150.00	
178454	2/6/23	NATIONAL BENEFIT SERVICES HRA			455.00
		11000200 2135	ADMIN FEES	455.00	
178455	2/6/23	NATIONAL BENEFIT SERVICES HRA			3,879.37
		11000200 2135	PAYROLL	3,879.37	
178456	2/6/23	REPUBLIC SERVICES INC			421.82
		62000570 5350	EDUCATION	421.82	
178457	2/6/23	RHINO LININGS OF UTAH			1,690.40
		81000198 6010	#759 BED LINER, COVER, FLOOR M	1,690.40	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178458	2/6/23	ROCKY MOUNTAIN POWER			\$68,347.09
		51000650 5410	377120460037	2,996.32	
		75701590 5410	253216260013	82.86	
		75702590 5410	364292260015	45.68	
		75744590 5410	377120460060	14.92	
		80000570 5410	377120460037	2,996.33	
		75634590 5410	311522760629	15.10	
		73000590 5410	377120460037	23,189.38	
		75212590 5410	311522760553-012423	1,797.87	
		75213590 5410	311522760223	1,770.10	
		75301590 5410	333822660010	290.95	
		75302590 5410	333821260010	212.03	
		75305590 5410	175509260139	18.15	
		75307590 5410	175509260204	3,084.78	
		75314590 5410	333107260015	10.86	
		75319590 5410	376190160014	6,690.34	
		75325590 5410	911749030019	204.55	
		75326590 5410	913799040013	23,581.51	
		75332590 5410	333110760050	181.31	
		75338590 5410	311522760199	577.78	
		75507590 5410	175509260196-012023	348.27	
		75601590 5410	217351760012	16.15	
		75607590 5410	175509260352	41.72	
		75608590 5410	175509260394	19.66	
		75611590 5410	311522760025	16.03	
		75615590 5410	377120460094	37.06	
		75618590 5410	311522760066	14.97	
		75623590 5410	311522760165	49.46	
		75624590 5410	311522760173	27.38	
		75625590 5410	311522760041	15.57	
178459	2/6/23	SANDY CITY			3,190.10
		75300590 5430	1784 CREEK RD	14.98	
		75300590 5430	1787 CREEK RD	8.98	
		75300590 5430	7618 S 700 E	26.98	
		72000590 5440	15305 S 3200 W	3,139.16	
178460	2/6/23	SANDY CITY			10,850.00
		82000570 5380	RAISE & ADJUST MANHOLE & VALVE	10,850.00	
178461	2/6/23	TROY TUCKER			VOID
178462	2/6/23	U-SCAPE,LLC			2,636.15
		62000570 5670	LOCALSCAPES CONTRACTOR REWARDS	2,636.15	
178463	2/6/23	UTAH & SALT LAKE CANAL CO			45,140.95
		11000220 2321 3797	2022 USLCC CANAL MAINTENANCE F	45,140.95	
178464	2/6/23	UTAH COMMUNICATIONS INC			40.00
		91000570 5530	MAINTENANCE CONTRACTS	40.00	
178465	2/6/23	WATER SPECIALTIES INC			223.00
		60000650 5270	160 12 OZ WATER LABELLED BOTTL	223.00	
178466	2/6/23	WEST JORDAN CITY			2,944.82
		51000650 5410	8275 S 1300 W	5.22	
		51000650 5430	8215 S 1300 W	1,441.91	
		51000650 5430	8275 S 1300 W	58.14	
		51000650 5440	8275 S 1300 W	1,439.55	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178467	2/6/23	WIDDISON WELL SERVICES INC. 11000180 6010 4242	WELL REDEVELOPMENT & TEST PUMP	99,037.50	\$99,037.50
178468	2/13/23	ACCURINT 51000650 5170	MONTHLY PEOPLE SEARCH SERVICE	225.00	225.00
178469	2/13/23	AFLAC PREMIUM HOLDING 11000200 2135	PAYROLL 013123	969.08	969.08
178470	2/13/23	ALEX MITCHELL 73000590 5290	FLIGHT REIMBURSEMENT	562.10	562.10
178471	2/13/23	ALLSTREAM 51000650 5450 71000590 5450 72000590 5450 70100590 5450	8215 S 1300 W 15305 S 3200 W 15305 S 3200 W 15305 S 3200 W	1,040.26 947.43 51.68 51.01	2,090.38
178472	2/13/23	ARBITRAGE COMPLIANCE SPECIALISTS INC 51000650 5286	2017B BOND ARBITRAGE CALC 5TH	2,750.00	2,750.00
178473	2/13/23	BATTERIES PLUS 81000570 5380	BATTERIES AND FUSES FOR GATE	28.85	28.85
178474	2/13/23	BLUE STAR GAS 81000570 5340	PROPANE FOR THE FORK LIFTS	40.31	40.31
178475	2/13/23	CH SPENCER LLC 81071570 5380	SLUDGE PUMP REPAIR	10,730.20	10,730.20
178476	2/13/23	CHEMTRAC 11000182 6010 4071	SWGWP TWO PASS RO	738.00	738.00
178477	2/13/23	DIVERSIFIED INSURANCE GROUP 51000650 5135	DIVERSIFIED INSURANCE GROUP CO	25,500.00	25,500.00
178478	2/13/23	EARLY LIGHT ACADEMY 62000570 5270	BUS REIMBURSEMENT - EARLY LIGH	585.00	585.00
178479	2/13/23	MIKE LORENC 62000570 5290	GARDEN EXPO	270.00	270.00
178480	2/13/23	NATALIE BOYACK			VOID
178481	2/13/23	OPTEK-DANULAT, INC 71071570 5360 71071570 5380	LAMP MODULE AF26 FOR Chlorine Dioxide Analyzer	836.10 600.04	1,436.14
178482	2/13/23	PFM ASSET MANAGEMENT LLC 51000650 5280	MONTHLY INVESTMENT ADVISOR SER	646.99	646.99
178483	2/13/23	PITNEY BOWES INC 51000650 5250	MAIL SERVICES	1,005.00	1,005.00
178484	2/13/23	PORTER PAINTS 83000570 5350	PAINT FOR FLOORS AT DEEP WELL	729.60	729.60

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178485	2/13/23	ROCKY MOUNTAIN POWER			\$7,545.86
		75633590 5410	377120460102	52.62	
		75703590 5410	322497360014	87.44	
		75745590 5410	311522760504	36.95	
		75771590 5410	557994860020	49.85	
		72211590 5410	321644760019	32.90	
		72211590 5410	913799040088	17.71	
		75201590 5410	175509260113	17.15	
		75217590 5410	311522760512	2,747.28	
		75341590 5410	311522760603	135.87	
		75321590 5410	326716260012	273.20	
		75331590 5410	175509260337	280.77	
		70101590 5410	557994860012	1,673.13	
		75503590 5410	235992060014	791.57	
		75516590 5410	227856660146	967.65	
		75517590 5410	325117860012	39.45	
		75612590 5410	377131660021	14.40	
		75617590 5410	377120460078	18.97	
		75620590 5410	227856660138	308.95	
178486	2/13/23	SANDY CITY			26.94
		75300590 5430	1147 WEBSTER	8.98	
		75300590 5430	1443 E 9400 S	17.96	
178487	2/13/23	SMALLEY & COMPANY			80.27
		75002570 5380	SIKAFLEX; AND BACKER ROD	80.27	
178488	2/13/23	SOUTH JORDAN CITY			92.80
		75501590 5430	10932 S 2700 WAY	30.00	
		75501590 5430	9911 S 2700 LAND	30.00	
		52000570 5400	10305 S 3200 W	32.80	
178489	2/13/23	SOUTH JORDAN CITY			892.34
		75300590 5430	2022 SOUTH JORDAN STORM DRAIN	892.34	
178490	2/13/23	SOUTH VALLEY SEWER DISTRICT			374.79
		75501590 5430	10932 S 2700 W	25.00	
		75501590 5430	11059 S 1300 W	25.00	
		75501590 5430	3145 W 11400 S	25.00	
		75501590 5430	3257 W CURRENT CREEK	25.00	
		75501590 5430	9816 S 1300 W	25.00	
		75501590 5430	9816S S 1300 W 1	25.00	
		75501590 5430	9911 S 2700 W	25.00	
		71000590 5430	15305 S 3200 W	114.90	
		72000590 5430	11574 WYNDCASTLE NEW	34.51	
		72000590 5430	115784 WYNDCASTLE OLD	25.38	
		75501590 5410	10621 S 1300 W	25.00	
178491	2/13/23	STANDARD PLUMBING SUPPLY			16.71
		81000570 5380	BRASS NIPPLE FOR 7TH AND 77TH	16.71	
178492	2/13/23	STEEL PRODUCTS MANUFACTURING			5,525.00
		83000570 5350	METAL SCRAP & WASTE RECYCLING	5,525.00	
178493	2/13/23	T & R CONCRETE			1,350.00
		83072570 5360	JANUARY SNOW REMOVAL	1,350.00	
178494	2/13/23	TK ELEVATOR CORP.			6,438.75
		83071570 5380	ELEVATOR REPAIRS AT JVWTP	6,438.75	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT# DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178495	2/13/23	UTAH BUREAU OF CRIMINAL IDENTIFICATION 51000650 5170 EMPLOYEE BACKGROUND CHECK	166.25	\$166.25
178496	2/13/23	WASATCH PROPANE 81000570 5340 PROPANE FOR TERMINAL BUILDING	1,360.51	1,360.51
178497	2/13/23	WATER LAW & POLICY SEMINARS 51000650 5290 SEMINAR REGISTRATION	230.00	230.00
178498	2/13/23	WATER LAW & POLICY SEMINARS 70000590 5290 SEMINAR REGISTRATION	230.00	230.00
178499	2/13/23	WEST VALLEY CITY 75300590 5430 VARIOUS SITES	186.00	186.00
178500	2/13/23	WIDDISON WELL SERVICES INC. 11000180 6010 4242 WELL REDEVELOPMENT & TEST PUMP	127,347.50	127,347.50
178501	2/13/23	ZAYO GROUP LLC 90000650 5230 8215 S 1300 W	1,577.91	1,577.91
178502	2/15/23	CENTURYLINK / LUMEN 90000650 5230 VARIOUS LOCATIONS 90071650 5230 VARIOUS LOCATIONS 90072650 5230 VARIOUS LOCATIONS 90101650 5230 VARIOUS LOCATIONS	485.57 485.57 962.68 1,143.03	3,076.85
178503	2/15/23	CHILD SUPPORT SERVICES 11000200 2135 PAYROLL 021523	529.00	529.00
178504	2/15/23	HAZEN & SAWYER, P. C 11000182 6010 4255 JWVTP BASINS 1-2 SEISMIC AND C	64,800.00	64,800.00
178505	2/15/23	LEHI CITY CORPORATION 70101590 5410 1250 E SR92 70101590 5410 NE CORNER SR92	30.00 28.26	58.26
178506	2/15/23	OLD MILL VILLAGE HOA 52000570 5400 OLD MILL HOA 2023 FIRST QUARTE	3,800.00	3,800.00
178507	2/15/23	SWANSON BUILDING MATERIALS INC 83000570 5350 GRID SLEAVES FOR CEILING TILE	6.80	6.80
178508	2/15/23	TROY TUCKER 80000570 5290 REISSUE LOST CHECK FOR RWUA ANNUAL C	456.32	456.32
178509	2/15/23	UTAH STATE TAX COMMISSION 11000200 2240 PAYROLL 021523	50,198.80	50,198.80
178510	2/15/23	WILSON IRRIGATION COMPANY 70000510 5820 WILSON IRRIGATION ASSEMENT FEE	2,788.00	2,788.00
178511	2/21/23	AAF INTERNATIONAL 81072570 5360 AIR FILTERS FOR HVAC SERWTP	118.80	118.80
178512	2/21/23	ALAN E PACKARD 51000650 5290 UWUW	67.00	67.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178513	2/21/23	ANNETTE MILLS 78000590 5290	RWAU CONFERENCE	456.32	\$456.32
178514	2/21/23	BEVERLY M PARRY 51000650 5290	UWUW	430.32	430.32
178515	2/21/23	CASEY CANNON 75000590 5290	RWAU CONFERENCE	456.32	456.32
178516	2/21/23	CHRISTENSEN & JENSEN PC 51000650 5284	GENERAL ADJUDICATION	670.00	670.00
178517	2/21/23	CMT ENGINEERING LABORATORIES 11000160 6010 3910	HEADQUARTERS CAMPUS SITE IMPRO	1,075.00	1,075.00
178518	2/21/23	DOMINION ENERGY 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420	1200 E 9400 S 1845 REEK RD 2400 CREEK RD 4770 NANILOA 768 S 700 E 7700 S 700 E 7781 S 1300 E 7800 S 1000 E 8153 S 700 E 8200 S 1000 E	84.33 131.53 252.56 109.64 348.80 84.88 234.82 154.14 131.51 151.46	1,683.67
178519	2/21/23	DRAPER CITY 75300590 5430	108 E 11400 S	7.00	7.00
178520	2/21/23	EDUARDO CRACCHIOLO 72000590 5290	RWAU CONFERENCE	456.32	456.32
178521	2/21/23	GORDON BATT 70000590 5290	RWAU CONFERENCE	456.32	456.32
178522	2/21/23	JOLLEY PHOTOGRAPHY 51000650 5170	PHOTOGRAPHY SERVICES FOR GENER	150.00	150.00
178523	2/21/23	JONATHAN HILBERT 77000590 5290	RWAU CONFERENCE	456.32	456.32
178524	2/21/23	JONES PAINT & GLASS INC 83000570 5350	PAINT FOR NEWBURRY WELL HOUSE	1,975.16	1,975.16
178525	2/21/23	MATT OLSEN 51000660 5290	RWAU CONFERENCE	95.00	95.00
178526	2/21/23	NEW BOUNDARY TECHNOLOGIES INC 90000650 5230 90071650 5230 90072650 5230 90073650 5230 90101650 5230 90078650 5230 90077650 5230	PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN PRISM DEPLOYMENT SOFTWARE MAIN	911.00 112.50 90.00 52.50 15.00 75.00 30.00	1,286.00
178527	2/21/23	PORTER PAINTS 83000570 5350	PART A PAINT FOR GARDEN RESTRO	243.20	243.20

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178528	2/21/23	PROVO RESERVOIR WATER USERS COMPANY 11000170 6010 3909	PRWUC CONTAINED SHARES ANNUAL	1,365,080.25	\$1,365,080.25
178529	2/21/23	RAY QUINNEY & NEBEKER 51000650 5284	MATTER 15038-162	5,627.50	5,627.50
178530	2/21/23	REED GIBBY 51000660 5290	UWUW	67.00	67.00
178531	2/21/23	ROCKY MOUNTAIN POWER 75101590 5410 75202590 5410 75203590 5410 75209590 5410 75706590 5410 75501590 5410 75602590 5410 75609590 5410 75613590 5410 75621590 5410 75622590 5410 75629590 5410 75630590 5410	261824160012 287176760018 175509260063 175509260253 311522760611 175509260030 227856660013 175509260022 227856660039 311522760157 311522760181 377220560033 31152276363	1,640.27 26.29 11.21 56.56 29.35 220.55 27.75 26.41 40.76 19.68 18.88 18.75 23.92	2,160.38
178532	2/21/23	RYLAN JAMES WALKER 71000590 5290	RWAU CONFERENCE	456.32	456.32
178533	2/21/23	SELECTHEALTH 11000200 2135	PAYROLL	255,085.80	255,085.80
178534	2/21/23	SHERRIE OHRN 51000660 5290	UWUW	506.32	506.32
178535	2/21/23	STAN GRUNDY 77000590 5290	RWAU CONFERENCE	497.32	497.32
178536	2/21/23	WIDDISON WELL SERVICES INC. 11000180 6010 4242	WELL REDEVELOPMENT & TEST PUMP	70,442.50	70,442.50
178537	2/21/23	ZIONS BANK 51000650 5286	2013A BOND TRUSTEE FEE	1,500.00	1,500.00
178538	2/28/23	BLUE STAR GAS 75300590 5420	PROPANE FOR CWP	970.69	970.69
178539	2/28/23	BMC SOFTWARE INC 90000650 5230	TRACK-IT MAINTENANCE RENEWAL	1,522.52	1,522.52
178540	2/28/23	BONNEVILLE INDUSTRIAL SUPPLY COMPANY 83101570 5350	CORDS FOR THE LIGHTS AT THE TE	865.25	865.25
178541	2/28/23	CRSA 11000160 6010 4014	WATER TRAILERS STORAGE	1,156.50	1,156.50
178542	2/28/23	CYNTHIA BEE 60000650 5290	SOCIAL MEDIA CONFERENCE	621.00	621.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178543	2/28/23	DOMINION ENERGY			\$20,572.32
		75500590 5420	110 E 11400 S	578.25	
		75300590 5420	2300 E 9800 S	187.69	
		75300590 5420	8663 S 1300 E	203.44	
		71000590 5420	15305 S 3200 W	11,700.05	
		72000590 5420	11574 WYNDCASTLE ACTI	1,995.30	
		72000590 5420	11574 WYNDCASTLE FILT	3,502.82	
		70100590 5420	17040 S 985 W	2,404.77	
178544	2/28/23	ERIKS			296.81
		82101570 5310	4"&6" DISCHARGE HOSE REPAIR TO	296.81	
178545	2/28/23	ELLIOTT AUTO SUPPLY COMPANY INC			41.15
		81000570 5330	TRAILER BRAKE SWITCH	41.15	
178546	2/28/23	GENEVA ROCK PRODUCTS INC			450.26
		82000570 5380	ROADBASE	450.26	
178547	2/28/23	HEWLETT-PACKARD ENTERPRISE COMPANY			28,349.19
		90000190 6010	REPLACEMENT HPE STORAGE SERVER	28,349.19	
178548	2/28/23	INTERIOR SOLUTIONS			3,700.88
		83000570 5350	TROY TUCKER'S OFFICE MODIFICAT	3,700.88	
178549	2/28/23	JACOB YOUNG			67.00
		51000650 5290	UWUW	67.00	
178550	2/28/23	JACOB YOUNG			201.00
		51000650 5290	UTILITY MANAGEMENT CONFERENCE	201.00	
178551	2/28/23	JONES PAINT & GLASS INC			201.15
		83000570 5350	PART B PAINT FOR FLOORS IN THE	201.15	
178552	2/28/23	LAYTON CITY			79.80
		52000570 5400	997 W GENTILE	79.80	
178553	2/28/23	LEGAL SHIELD			1,331.70
		11000200 2135	PAYROLL	1,331.70	
178554	2/28/23	MARGARET DEA			472.80
		51000650 5290	TYLER CONNECT 2023	472.80	
178555	2/28/23	MARK STRATFORD			108.00
		51000650 5290	UWUW	108.00	
178556	2/28/23	MIKE LORENC			VOID
178557	2/28/23	MINDY KEELING			430.32
		51000650 5290	UWUW	430.32	
178558	2/28/23	NAPA GENUINE AUTO PARTS COMPANY			297.09
		81000570 5330	CREDIT	-352.87	
		81000570 5330	DEF, BRAKE CLEANER, WORK LIGHT	403.39	
		81000570 5330	FILTERS,BRAKE PADS, VAPOR CANI	113.21	
		81000570 5330	TOUCH UP PAINT, CRANK CASE FIL	133.36	
178559	2/28/23	PFM ASSET MANAGEMENT LLC			647.29
		51000650 5280	MONTHLY INVESTMENT ADVISOR SER	647.29	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178560	2/28/23	POSTMASTER 60000650 5250	RETAIL BILLING POSTAGE	3,800.00	\$3,800.00
178561	2/28/23	RAY QUINNEY & NEBEKER 51000650 5284	MATTER 15038-91	850.00	850.00
178562	2/28/23	ROCKY MOUNTAIN POWER 52000570 5400 52000570 5400 75218590 5410 75304590 5410 75304590 5410 75315590 5410 75335590 5410 75337590 5410 75504590 5410 75505590 5410 75512590 5410	311522760124-020723 311522760132 311522760546 175509260162 333110060014 175509260105 261824160038 261824160046 26628946013 175509260295 175509260360-020723	11.56 11.10 32.31 67.29 81.33 160.61 470.83 430.06 12,887.04 997.52 426.34	15,575.99
178563	2/28/23	SALT LAKE CEMENT CUTTING INC 82000570 5380	ROAD CUT MLB	360.00	360.00
178564	2/28/23	SALT LAKE VALLEY CHRYSLER DODGE JEEP RAM 81000198 6010	NEW DODGE 1/2 TON FOR THE FLEE	39,996.00	39,996.00
178565	2/28/23	SANDY CITY 72000590 5440	11574 WYNDCASTLE	2,141.99	2,141.99
178566	2/28/23	SELECTHEALTH 11000200 2135	03/01/23	232,218.60	232,218.60
178567	2/28/23	SOUTH JORDAN CITY 62000570 5670	MEMBER AGENCY GRANT - SOUTH JO	17,728.50	17,728.50
178568	2/28/23	TRAVIS CHRISTENSEN 52000650 5290	UWUW	430.32	430.32
178569	2/28/23	US BANK FINANCIAL 11000200 2132	PCARDS 012623-022723	31,712.50	31,712.50
178570	2/28/23	UTAH DIVISION OF GOV.OPERATIONS 81000570 5340	JANUARY FLEET FUEL BILL	14,505.93	14,505.93
178571	2/28/23	VERIZON WIRELESS 90000650 5230 90000650 5230 90000650 5230 90071650 5230 90071650 5230 90071650 5230 90072650 5230 90072650 5230 90072650 5230 90101650 5230 90101650 5230 90077650 5230	VERIZON AMI BILL VERIZON WIRELESS IPAD BILL VERIZON WIRELESS PHONE & DATA VERIZON AMI BILL VERIZON WIRELESS IPAD BILL VERIZON WIRELESS PHONE & DATA VERIZON AMI BILL VERIZON WIRELESS IPAD BILL VERIZON WIRELESS PHONE & DATA VERIZON AMI BILL VERIZON WIRELESS PHONE & DATA VERIZON WIRELESS PHONE & DATA	50.10 103.56 1,139.12 25.00 16.71 25.05 25.00 16.71 25.05 25.00 47.14 84.28	1,582.72
178572	2/28/23	VERN WILLIAMS 11000170 6010	PRWUC FULL OREM WATER SHARE PURCHA	38,000.00	38,000.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178573	2/28/23	WADE TUFT 70000590 5290	UTAH WATER USERS	526.00	\$526.00
503488 EFT	2/3/23	KILGORE COMPANIES, LLC 83000570 5350	TYPE C ROAD SALT FOR SNOW REMO	1,565.46	1,565.46
503489 EFT	2/3/23	BOWEN COLLINS & ASSOCIATES 11000186 6010 4193 11000180 6010 4286 11000186 6010 4231 11000180 6010 4242 11000140 6010 4150 11000175 6010 4257	FOUR RESERVOIRS REPAIRS PROJEC ETIENNE WAY & MURRAY HOLLADAY 5200 WEST 6200 SOUTH RESERVOIR WELL DEVELOPMENT & TEST PUMPIN JA-1 AND SECL CONDITION ASSESS JA-1 AND SECL CONDITION ASSESS	2,724.75 16,405.14 22,365.00 2,017.13 252.27 18,559.01	62,323.30
503490 EFT	2/3/23	CACHE VALLEY ELECTRIC 90000650 5230 90071650 5230 90072650 5230 90073650 5230 90101650 5230	ANNUAL CISCO SOFTWARE/HARDWARE ANNUAL CISCO SOFTWARE/HARDWARE ANNUAL CISCO SOFTWARE/HARDWARE ANNUAL CISCO SOFTWARE/HARDWARE ANNUAL CISCO SOFTWARE/HARDWARE	36,556.82 3,746.37 2,110.32 1,811.63 1,754.79	45,979.93
503491 EFT	2/3/23	CENTRAL UTAH WATER CONSERVANCY DISTRICT 70000510 5810	CUWCD CONTRACT WATER AND ASSES	9,162,910.08	9,162,910.08
503492 EFT	2/3/23	CHEMTECH-FORD INC 77071590 5770 77072590 5770 77073590 5770 77000590 5770 77075590 5770	WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS	1,101.98 951.98 2,672.00 150.00 5,551.04	10,427.00
503493 EFT	2/3/23	CINTAS CORPORATION 71000590 5260	FIRST AID SUPPLIES	566.84	566.84
503494 EFT	2/3/23	CORRIO CONSTRUCTION, INC. 11000182 6010 4203 11000178 6010 4221	SERWTP FLUORIDE ROOM UPGRADES POTM ACTUATOR REPLACEMENTS	16,203.73 36,403.76	52,607.49
503495 EFT	2/3/23	ELECSYS INTERNATIONAL CORPORATION 90000650 5230 90101650 5230	ELECSYS CATHODIC PROTECTION MO ELECSYS CATHODIC PROTECTION MO	60.00 240.00	300.00
503496 EFT	2/3/23	ELWELL CONSULTING GROUP, PLLC 11000140 6010 4219	HAZARD MITIGATION PLAN	855.00	855.00
503497 EFT	2/3/23	ENDRESS + HAUSER INC 75001570 5380	ENDRESS HAUSER 400 W TRANSMITT	11,461.80	11,461.80
503498 EFT	2/3/23	EXPRESS AUTO GLASS INC 81000570 5330	WINDSHIELD REPAIR , AUTO GLASS	80.00	80.00
503499 EFT	2/3/23	FERGUSON ENTERPRISES LLC 82000570 5380 75002570 5380	1 1/2" CTS X CTS & CTS X MIP C 24 INCH MAN WAY LID	387.96 395.00	782.96
503500 EFT	2/3/23	FERGUSON ENTERPRISES LLC 82000570 5310	MARKING PAINT	2,700.50	2,700.50

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503501	EFT 2/3/23	HANSEN ALLEN & LUCE INC			\$9,617.27
		11000180 6010 4280	EQUIPPING OF 76&7 AND 78&10 WE	8,395.39	
		11000184 6010 4205	EIGHT VAULT IMPROVEMENT PROJEC	1,221.88	
503502	EFT 2/3/23	HY-KO SUPPLY COMPANY			605.07
		83000570 5350	TRASH CAN LINERS, SPOT REMOVER	605.07	
503503	EFT 2/3/23	METROPOLITAN WATER DISTRICT			24,406.10
		70000510 5810	MWDSLS DECEMBER 2022 WATER DEL	24,406.10	
503504	EFT 2/3/23	OLYMPUS SAFETY & SUPPLY LLC			176.75
		80000570 5170	NEW HIRE UNIFORMS	176.75	
503505	EFT 2/3/23	PECZUH PRINTING			432.86
		62000570 5270	WEED CONTROL BROCHURE	432.86	
503506	EFT 2/3/23	PROFESSIONAL PEST CONTROL LLC			320.00
		83073570 5350	PEST CONTROL FOR JANUARY	50.00	
		83000570 5350	PEST CONTROL FOR JANUARY	185.00	
		83100570 5350	PEST CONTROL FOR JANUARY	85.00	
503507	EFT 2/3/23	ROYAL WHOLESALE ELECTRIC			2,736.80
		11000180 6010 4260	ELECTRICAL UPGRADES AT 8159 S	2,736.80	
503508	EFT 2/3/23	SHERWIN-WILLIAMS COMPANY			337.99
		83000570 5350	PAINT FOR WALLS AT 11TH AND 45	337.99	
503509	EFT 2/3/23	SMITH & EDWARDS			149.95
		80000570 5260	SAFETY BOOTS - NEW HIRE	149.95	
503510	EFT 2/3/23	SPRINKLER SUPPLY COMPANY			983.59
		83000570 5350	ICE BOMB AND SNOW PLOW ICE MEL	983.59	
503511	EFT 2/3/23	THATCHER COMPANY			47,078.01
		71000590 5710	JVWTP PACL FOR FY23	32,845.46	
		72000590 5710	PURCHASE OF CHLORINE FOR FISCA	14,232.55	
503512	EFT 2/3/23	THE DATA CENTER			1,872.24
		60000650 5250	JANUARY '22 BILLING	1,872.24	
503513	EFT 2/3/23	TIRE WORLD			1,346.24
		81000570 5330	TIRES FOR DAEWOO FORK LIFT AND	1,346.24	
503514	EFT 2/3/23	TRANS-JORDAN CITIES			20.21
		83000570 5350	GREEN AND MIXED WASTE	20.21	
503515	EFT 2/3/23	VANCON INC			2,432,527.90
		11000182 6010 4277	JVWTP BASINS 3-6 UPGRADES	2,432,527.90	
503516	EFT 2/3/23	WHEELER			2,650.00
		82000570 5310	MTX60HD RAMMER COMPACTOOR (JUM	2,650.00	
503517	EFT 2/3/23	WINMARK STAMP & SIGN INC			28.60
		83000570 5350	OFFICE NAME PLATE FOR FOR JACO	28.60	
503518	EFT 2/3/23	WW GRAINGER			458.85
		83000570 5350	BATTERIES FOR AUTOFLUSHERS IN	127.94	
		91072570 5310	REPLACEMENT FLOW SWITCHES FOR	330.91	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503519	EFT 2/10/23	ADVANCED ENGINEERING & ENVIRONMENTAL SERVICES			\$7,530.75
		11000182 6010 4284	SERWTP B-POLYMER SYSTEM IMPROV	7,530.75	
503520	EFT 2/10/23	ALTA PAINTS & COATINGS INC			985.56
		83000570 5350	PAINT SUPPLIES, ROLLERS, TAPE,	812.83	
		83000570 5350	PAINT SUPPLIES.ROLLERS,TRAYS,B	172.73	
503521	EFT 2/10/23	AMERICAN POWER SYSTEMS			6,971.50
		90000650 5230	ADMIN & DISTRIBUTION BLD UPS F	2,971.50	
		90000650 5230	UPS BATTERY TESTING - DISTRICT	500.00	
		90071650 5230	UPS BATTERY TESTING - DISTRICT	1,000.00	
		90072650 5230	UPS BATTERY TESTING - DISTRICT	1,000.00	
		90073650 5230	UPS BATTERY TESTING - DISTRICT	1,000.00	
		90101650 5230	UPS BATTERY TESTING - DISTRICT	500.00	
503522	EFT 2/10/23	BARRETT BUSINESS SERVICES, INC			5,532.86
		70000590 5110	TEMP EMPLOYEE TIME	2,669.45	
		52000650 5280	TEMP EMPLOYEE TIME	2,863.41	
503523	EFT 2/10/23	BIZWEAR			845.75
		80000570 5170	EMPLOYEE UNIFORMS	441.00	
		75000590 5170	NEW HIRE UNIFORMS	362.75	
		51000650 5170	EMPLOYEE UNIFORMS	42.00	
503524	EFT 2/10/23	CALEB KENT CHRISTENSEN			150.00
		72000590 5290	CALEB CHRISTENSEN CERTIFICATIO	150.00	
503525	EFT 2/10/23	CALIN PERRY			52.00
		80000570 5290	CDL LIC RENEWAL	52.00	
503526	EFT 2/10/23	CCI MECHANICAL SERVICE INC			3,157.18
		81071570 5380	EXV VALVE FOR THE ROOF TOP CHI	3,157.18	
503527	EFT 2/10/23	CDW GOVERNMENT INC			1,894.32
		90000650 5230	PRTG NETWORK MONITOR - PAESSE	1,894.32	
503528	EFT 2/10/23	CHEMTECH-FORD INC			154.00
		77073590 5770	WATER QUALITY ANALYSIS SWGWTP	129.00	
		77075590 5770	WATER QUALITY ANALYSIS SWGWTP	25.00	
503529	EFT 2/10/23	COMMERCIAL LIGHTING SUPPLY INC			265.50
		83073570 5350	LIGHT BULBS FOR SWGWTP	265.50	
503530	EFT 2/10/23	CORE & MAIN			3,024.16
		82000570 5380	10" MEGALUGS, MACRO COUPLERS &	3,024.16	
503531	EFT 2/10/23	CURRENT SYSTEMS INTEGRATION			6,864.15
		81071570 5380	CONTROL VALVE FOR CHLORINE DIO	6,864.15	
503532	EFT 2/10/23	FERGUSON ENTERPRISES LLC			5,469.11
		82000570 5380	SAMPLE STATION SEAL KITS	47.00	
		75001570 5380	10 INCH METER PARTS- VICTAULIC	2,548.05	
		75001570 5380	18 INCH METER BOLT PACK AND SP	2,874.06	
503533	EFT 2/10/23	FINLINSON & FINLINSON PLLC			13,264.00
		51000650 5284	PREP 60	13,264.00	
503534	EFT 2/10/23	FOLIAGE, INC			400.00
		51000650 5350	PLANT SERVICES	400.00	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503535	EFT 2/10/23	HARRINGTON INDUSTRIAL PLASTICS LLC			\$903.07
		81071570 5360	FITTINGS AND PIPE FOR PEA FLOW	903.07	
503536	EFT 2/10/23	K.O.H. MECHANICAL CONTRACTORS, INC			50,594.34
		11000182 6010 4279	JVWTP BOILERS REPLACEMENT PROJ	45,019.83	
		11000182 6010 4226	SERWTP HVAC IMPROVEMENTS	5,574.51	
503537	EFT 2/10/23	KILGORE COMPANIES, LLC			635.70
		83000570 5350	BULK SALT TYPE C ROAD SALT FOR	635.70	
503538	EFT 2/10/23	KWIK KOPY PRINTING			766.00
		51000650 5220	OFFICE SUPPLIES	766.00	
503539	EFT 2/10/23	MARCUS G FAUST PC			3,000.00
		51000650 5284	PROFESSIONAL CONSULTING SERVIC	3,000.00	
503540	EFT 2/10/23	MICRO MOTION INC			6,563.40
		75001570 5380	10 INCH METER	6,563.40	
503541	EFT 2/10/23	OLYMPUS SAFETY & SUPPLY LLC			1,267.70
		80000570 5260	3-60L CYLINDERS OF CALIBRATION	705.00	
		75000590 5260	VEST'S, GLOVES, RESPIRATOR, EA	562.70	
503542	EFT 2/10/23	ROCKY MOUNTAIN WIRE ROPE			165.06
		82000570 5310	LIFTING STRAP 4-LEG BRIDLE JAR	165.06	
503543	EFT 2/10/23	SPRINKLER SUPPLY COMPANY			68.80
		82000570 5380	HOSE & FITTINGS FOR SUMP PUMP 3	68.80	
503544	EFT 2/10/23	STAPLES BUSINESS ADVANTAGE			224.87
		51000650 5220	OFFICE SUPPLIES	42.53	
		80000570 5220	OFFICE SUPPLIES	182.34	
503545	EFT 2/10/23	STATE FIRE			1,744.83
		83071570 5360	FIRE EXTINGUISHER 6 AND 12 YEA	290.00	
		83072570 5360	FIRE EXTINGUISHER 6 AND 12 YEA	110.00	
		83073570 5360	FIRE EXTINGUISHER 6 AND 12 YEA	100.00	
		83000570 5360	FIRE EXTINGUISHER 6 AND 12 YEA	1,244.83	
503546	EFT 2/10/23	SWIRE COCA-COLA USA			65.64
		51000650 5170	COKE PRODUCTS	65.64	
503547	EFT 2/10/23	UINTAH FASTENER & SUPPLY LLC			140.00
		82101570 5380	1" X 5 1/2" BOLTS & NUTS FOR J	140.00	
503548	EFT 2/10/23	VANGUARD CLEANING SYSTEMS OF UTAH			7,105.20
		83071570 5360	JANITORIAL SERVICES (FISCAL YE	1,502.25	
		83072570 5360	JANITORIAL SERVICES (FISCAL YE	577.80	
		83073570 5360	JANITORIAL SERVICES (FISCAL YE	396.90	
		83000570 5360	JANITORIAL SERVICES (FISCAL YE	4,628.25	
503549	EFT 2/10/23	WINMARK STAMP & SIGN INC			55.25
		83000570 5350	OFFICE NAME PLATES FOR TROY TU	55.25	
503550	EFT 2/10/23	WW GRAINGER			661.82
		91072570 5310	REPLACEMENT FLOW SWITCHES FOR	661.82	
503551	EFT 2/17/23	APPLIED GEOTECHNICAL ENGINEERING			2,480.00
		11000188 6010 4204	ZONE "D" CHEMICAL FEED FACILIT	2,480.00	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503552	EFT 2/17/23	BARRETT BUSINESS SERVICES, INC 52000650 5280	TEMP EMPLOYEE TIME	1,794.98	\$1,794.98
503553	EFT 2/17/23	BOWEN COLLINS & ASSOCIATES 11000188 6010 4190	3300 SOUTH PIPELINE REPLACEMENT	45,183.43	45,183.43
503554	EFT 2/17/23	CHEMTECH-FORD INC 77071590 5770 77073590 5770 77075590 5770 78000590 5720	WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS HAAS OUTSOURCING - INVOICE 23A	35.00 43.00 113.00 350.00	541.00
503555	EFT 2/17/23	CINTAS CORPORATION 72000590 5260 73000590 5260	FIRST AID SUPPLIES FIRST AID SUPPLIES	2,066.90 30.91	2,097.81
503556	EFT 2/17/23	CONSOR NORTH AMERICA, INC 11000184 6010 4262	NEW FENCE 3628 W 500 S	1,560.00	1,560.00
503557	EFT 2/17/23	CORE & MAIN 82000570 5380	9- 6" MACRO COUPLERS FOR PLM	3,325.14	3,325.14
503558	EFT 2/17/23	ENDRESS + HAUSER INC 75001570 5380	24 INCH METER	9,190.45	9,190.45
503559	EFT 2/17/23	FERGUSON ENTERPRISES LLC 82000570 5380 82000570 5380 82000570 5380 82000570 5380 75001570 5380 75001570 5380	3/4" BRASS COMPRESSION FITTING 3/4" BRASS FITTINGS FOR SERVICE 4- #88 SAMPLE STATIONS REPLACEMENT SUMP PUMPS FOR VAU 10 INCH FLANGE COUPLING ADAPTE GASKET'S	2,295.65 47.64 4,996.00 4,624.00 732.53 81.21	12,777.03
503560	EFT 2/17/23	FERGUSON ENTERPRISES LLC 82000570 5310	LOCATING PAINT	4,397.12	4,397.12
503561	EFT 2/17/23	GRAYBAR ELECTRIC COMPANY INC 91071570 5310	REPAIR PIG LAUNCH PLC WITH WAT	1,227.07	1,227.07
503562	EFT 2/17/23	HACH COMPANY 91072570 5310	PH SENSOR FOR SOUTHEAST TREATM	950.36	950.36
503563	EFT 2/17/23	SARAH JEAN HALTERMAN 60000650 5280	GRAPHIC DESIGN WORK FY 2022-20	2,665.00	2,665.00
503564	EFT 2/17/23	HARN RO SYSTEMS INC 73000590 5710	AVISTA VITEC4000 SCALE INHIBIT	14,297.98	14,297.98
503565	EFT 2/17/23	HARRINGTON INDUSTRIAL PLASTICS LLC 75000570 5380 81000570 5380 81072570 5380	Y STAINERS FOR FLU VAULT REBUI FITTINGS AND TUBING FITTINGS AND TUBING	574.86 89.97 61.48	726.31
503566	EFT 2/17/23	INFINITY CORROSION GROUP INC 11000184 6010 4296	AC MITIGATION, 150TH S. PIPELI	9,662.90	9,662.90
503567	EFT 2/17/23	JACOBS ENGINEERING GROUP INC 11000186 6010 4276	11800 SOUTH ZONE C RESERVOIR	17,601.68	17,601.68

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503568	EFT 2/17/23	KILGORE COMPANIES, LLC			\$2,200.47
		82000570 5380	ASPHALT	1,215.00	
		82000570 5380	BEDDING SAND & DIG OUT WASTE	985.47	
503569	EFT 2/17/23	MESA PRODUCTS			3,310.20
		82000570 5380	20 - 17D-3 ANODE FOR DISTRIBUT	3,310.20	
503570	EFT 2/17/23	MOUNTAINLAND SUPPLY COMPANY			7,890.38
		75002570 5380	EXPANSION NUT'S; AND ANGLE VAL	382.66	
		75002570 5380	SENSUS IPERL CABLE'S	408.20	
		75002570 5380	SENSUS MXU520 RADIO'S	7,099.52	
503571	EFT 2/17/23	OLYMPUS SAFETY & SUPPLY LLC			480.00
		80000570 5260	16-36" TRAFFIC CONES FOR PIPEL	480.00	
503572	EFT 2/17/23	ROBERT I MERRILL COMPANY			3,800.00
		62000570 5350	ADA ACCESS BUTTON	3,800.00	
503573	EFT 2/17/23	ROYAL WHOLESALE ELECTRIC			1,180.00
		11000182 6010 4071	SWG WTP TWO PASS RO	1,180.00	
503574	EFT 2/17/23	ROYAL WHOLESALE ELECTRIC			840.40
		91071570 5310	REPLACE FIBER SWITCH IN PIG LA	840.40	
503575	EFT 2/17/23	SPRINKLER SUPPLY COMPANY			366.59
		82000570 5310	SCH 80 PVC FITTINGS & HOSE FOR	11.49	
		82000570 5380	1" CTS PACK JOINT, BRASS FITTI	67.31	
		82000570 5380	SCH 80 PVC FITTINGS & HOSE FOR	287.30	
		81071570 5380	1-1/4 X3 SCH 80 PVC NIPPLE	0.49	
503576	EFT 2/17/23	THATCHER COMPANY			22,871.50
		71000590 5710	JVWTP CHLORINE FOR FY23	16,000.00	
		73000590 5710	SWG WTP FLUOROSILIC ACID	6,871.50	
503577	EFT 2/17/23	TRAILBLAZER CONTROLS CORPORATION			392.00
		91071570 5310	PARAMETER LABE FOR FLUORIDE PU	392.00	
503578	EFT 2/17/23	UNIVAR USA INC			4,332.83
		73000590 5710	SWG WTP SODIUM HYDROXIDE	4,332.83	
503579	EFT 2/17/23	UTAH YAMAS CONTROLS INC			30,575.86
		11000160 6010 3910	HEADQUARTERS CAMPUS SITE IMPRO	28,819.00	
		90000650 5230	SECURITY SYSTEM REPAIR AT THE	471.86	
		90000650 5230	SECURITY SYSTEM REPAIRS AT HEA	95.00	
		90071650 5230	SECURITY CAMERA REPAIR AT JVWT	1,190.00	
503580	EFT 2/17/23	VANCON INC			1,569,042.56
		11000182 6010 4277	JVWTP BASINS 3-6 UPGRADES	1,569,042.56	
503581	EFT 2/17/23	WNA SERVICES CO.			150.00
		51000650 5170	UTAH NEWS TRACKER READING CHAR	150.00	
503582	EFT 2/17/23	WW GRAINGER			1,066.85
		75002570 5380	BARREL LOCK KEY'S	772.66	
		11000186 6010 4198	RESERVOIR CHLORINE BOOSTERS	164.65	
		81000570 5380	FLAME SENSOR AND BRUSHES FOR V	129.54	
503583	EFT 2/24/23	APPLIED GEOTECHNICAL ENGINEERING			2,000.00
		11000188 6010 4204	ZONE "D" CHEMICAL FEED FACILIT	2,000.00	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503584 EFT	2/24/23	BELL CANYON IRRIGATION COMPANY			\$20.00
		70000510 5810	ASSESSMENT FEE	20.00	
503585 EFT	2/24/23	CENTRAL UTAH WATER CONSERVANCY DISTRICT			478,667.32
		70000510 5810	CUWCD CWP WATER DELIVERIES DEC	161,796.00	
		70000510 5810	CUWCD CWP WATER DELIVERIES JAN	93,852.80	
		70000510 5810	CUWCD OLMSTED POWER LOSS INVOI	223,018.52	
503586 EFT	2/24/23	CHEMTECH-FORD INC			2,723.00
		77071590 5770	WATER QUALITY ANALYSIS	150.01	
		77073590 5770	WATER QUALITY ANALYSIS	1,861.98	
		77000590 5770	WATER QUALITY ANALYSIS	150.01	
		77075590 5770	WATER QUALITY ANALYSIS	561.00	
503587 EFT	2/24/23	COMMERCIAL LIGHTING SUPPLY INC			60.00
		83000570 5350	PLASTIC LIGHT COVERS FOR THE M	60.00	
503588 EFT	2/24/23	ENDRESS + HAUSER INC			11,461.80
		75001570 5380	3 QTY: ENDRESS HAUSER 400W TRA	11,461.80	
503589 EFT	2/24/23	HACH COMPANY			1,598.36
		91000570 5310	SPECHECK GEL STANDARD TO CALI	205.16	
		91073570 5310	CONDUCTIVITY SENSOR	1,316.85	
		72000590 5720	(5) POTASIUM HYDROXIDE STANDAR	76.35	
503590 EFT	2/24/23	INDUSTRIAL SUPPLY			409.58
		83000570 5310	RAIN GEAR AND BOOTS FOR JADEN,	409.58	
503591 EFT	2/24/23	MURRAY CITY CORPORATION			198.26
		75309590 5410	350 E 4500 S	198.26	
503592 EFT	2/24/23	OLYMPUS SAFETY & SUPPLY LLC			3,716.60
		80000570 5260	HI-VIS SAFETY VESTS AND WORK G	396.60	
		80000570 5260	MSA AIR MONITORS	3,320.00	
503593 EFT	2/24/23	PROFESSIONAL PEST CONTROL LLC			320.00
		83073570 5350	FEBRUARY PEST CONTROL	50.00	
		83000570 5350	FEBRUARY PEST CONTROL	185.00	
		83100570 5350	FEBRUARY PEST CONTROL	85.00	
503594 EFT	2/24/23	ROYAL WHOLESALE ELECTRIC			17.60
		91072570 5310	REPLACE FINISHED WATER SAMPLE	17.60	
503595 EFT	2/24/23	RS			164.80
		91072570 5310	REPLACE FLOOD SWITCHES FOR FLU	45.00	
		91073570 5310	REPLACE TIMER FOR RO SUMP PUMP	119.80	
503596 EFT	2/24/23	SHERWIN-WILLIAMS COMPANY			314.97
		83000570 5350	PAINT FOR NEWBURRY AND DEEPS W	314.97	
503597 EFT	2/24/23	SIDEWINDERS LLC			4,980.50
		81071570 5380	DIAGNOSE AND REPLACEMENT MOTOR	4,980.50	
503598 EFT	2/24/23	THATCHER COMPANY			21,608.54
		71000590 5710	JVWTP PACL FOR FY23	75.00	
		72000590 5710	PURCHASE OF CHLORINE FOR FISCA	14,495.54	
		72000590 5710	PURCHASES OF FLUORIDE FOR THE	7,038.00	
503599 EFT	2/24/23	TRANS-JORDAN CITIES			13.09
		83000570 5350	GREEN AND MIXED WASTE	13.09	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

For the Period February 1, 2023 Through February 28, 2023

PAYMENT NO.	PAYMENT DATE	ACCOUNT#	VENDOR NAME DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503600	EFT 2/24/23		UTAH YAMAS CONTROLS INC		\$13,610.00
		11000186 6010 4198	RESERVOIR CHLORINE BOOSTERS	13,610.00	
503601	EFT 2/24/23		WW GRAINGER		381.80
		80000570 5260	HALF FACE RESPIRATORS FOR NEW	381.80	
REPORT TOTAL:					<u>\$17,614,750.55</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYROLL CHECKS, ACH & WIRE TRANSFER REGISTER - O&M ACCOUNT

For the Period February 01, 2023 Through February 28, 2023

PAYMENT DATE	PAYMENT TYPE	VENDOR NAME	DESCRIPTION	PAYMENT AMOUNT
2/3/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	366,837.10
2/3/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	56,778.19
2/3/2023	ACH	URS	STATE RETIREMENT	127,308.94
2/3/2023	ACH	HEALTHEQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,393.83
2/3/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	16,823.54
2/3/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	78,738.54
2/7/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	2,492.00
2/14/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	303.00
2/14/2023	ACH	EMPLOYEES	TERMINATED EMPLOYEES CASHOUT	4,942.82
2/17/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	356,113.42
2/17/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	53,417.83
2/17/2023	ACH	URS	STATE RETIREMENT	88,605.88
2/17/2023	ACH	HEALTHEQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,443.83
2/17/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	16,706.67
2/17/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	56,479.17
2/21/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	139.00
2/28/2023	ACH	EMPLOYEES	TERMINATED EMPLOYEES CASHOUT	104.56
2/28/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	793.00
REPORT TOTAL:				\$ 1,253,421.32

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 2/1/2023 Through 2/28/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
2/1/2023	EPIMENIO TRUJILLO	AMZN MKTP US*007BI6V83	OFFICE HEATER AND VEHICLE KEY BOXES	81000570 5330	113.91
2/1/2023	JUSTIN SPAINHOWER	THE HOME DEPOT #4421	PORTABLE HAND TORCH, BRASS FITTINGS	75000590 5310	68.75
2/1/2023	JORDAN TOMSIC	THE HOME DEPOT #4402	HEAT TAPE FOR LEVEL INDICATOR AT 62 AND 32 RES	91000570 5310	56.35
2/1/2023	MINDY KEELING	USU EVENT SERVICES	UWUW REGISTRATION - JACOB YOUNG	51000650 5290	125.00
2/1/2023	MINDY KEELING	AWWA EVENTS	UMC23 REGISTRATION - JACOB YOUNG	51000650 5290	650.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	77000590 5290	730.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	71000590 5290	350.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	78000590 5290	350.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	72000590 5290	350.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	75000590 5290	350.00
2/1/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	RURAL WATER REGISTRATION FOR, BATT,GRUNDY,MILLS, CANNON, CACCHILIO, WALKER, AND HILBERT	70000590 5290	350.00
2/1/2023	SHANE SWENSEN	UT PROF LIC ONLINE	UTAH PE LICENSE RENEWAL - DON OLSEN	52000650 5290	74.00
2/1/2023	BRADLEY BOREN	COSTCO WHSE #1019	JANITORIAL SUPPLIES AND VACUUM FOR JVWTP	83000570 5350	259.82
2/1/2023	BRADLEY BOREN	COSTCO WHSE #1019	JANITORIAL SUPPLIES AND VACUUM FOR JVWTP	83071570 5350	299.99
2/2/2023	TERESA ATKINSON	GOOGLE*ADS6474187733	GOOGLE AD- UWS - JAN 2022 \$9.63	62000570 5270	9.63
2/2/2023	GORDON BATT	AMERICAN WATER WORKS ASSO	AWWA MEMBERSHIP RENEWAL - GORDON B	70000590 5290	255.00
2/2/2023	BEVERLY PARRY	UGFOA	UGFOA REGISTRATION - BRIAN MCCLEARY	51000650 5290	200.00
2/2/2023	SHAUN MOSER	SP MOASURE	MOASURE MEASURING DEVICES	62000570 5670	1,048.00
2/2/2023	MICHAEL LORENC	SPRINKLER SUPPLY	MEASURING WHEEL	62000570 5670	214.92
2/3/2023	JACKIE BUHLER	ODP BUS SOL LLC# 106686	CHAIR FOR JEFF BETTON	51000650 5220	379.99
2/3/2023	JACKIE BUHLER	PAYPAL *COURSE	COURSEMINISTRY FOR 1099 COURSE	51000650 5290	159.00
2/3/2023	MINDY KEELING	AWWA EVENTS	ACE23 REGISTRATION - MARCELO ANGLADE	52000650 5290	925.00
2/3/2023	BEVERLY PARRY	DELTA AIR 0062362648312	AIRFARE TO UWUW CONFERENCE - REED GIBBY	51000660 5290	388.20
2/3/2023	JEFFREY SMALL	SPORTSMANS WAREHOUSE 246	TOOL BOXES	75000570 5380	199.96
2/3/2023	JEFFREY SMALL	THE HOME DEPOT #4410	TOOL BOXES	75000570 5380	169.94

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 2/1/2023 Through 2/28/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
2/6/2023	ALISHA KIMMERLE	AMZN MKTP US*G08BJ0KB3 AM	BADGE HOLDERS FOR EMPLOYEES	71000590 5220	19.99
2/6/2023	LAINA MCGINTY	REI RNTLS 800-426-4840	REFUND FOR UNUSED SNOWSHOEING FUNDS	51000650 5130	-2,684.17
2/6/2023	ALICIA SEKILLER	TRIPUS	FLIGHTS TO VEGAS BOOKED FOR JEFF KING VIA SPIRIT AND FRONTIER	70000590 5290	88.00
2/6/2023	ALICIA SEKILLER	ISCWESTREG	ISC CONFERENCE REGISTRATION FOR JEFF KING	70000590 5290	925.00
2/6/2023	BEVERLY PARRY	NATL WATER RESOURCES ASSO	NWRA REGISTRATION - ALAN PACKARD	51000650 5290	650.00
2/7/2023	EPIMENIO TRUJILLO	KARL MALONE TOYOTA	# 738 DIAGNOSIS AND REPAIR	81000570 5330	749.07
2/7/2023	LAINA MCGINTY	HARMONS - S. JORDAN	BOARD MEETING REFRESHMENTS	51000660 5220	125.78
2/7/2023	YVETTE AMPARO	COSTCO WHSE #1019	TREATS FOR OPERATOR CLASSES	51005650 5290	19.95
2/7/2023	NATHAN TALBOT	COSTCO WHSE #0487	SNOW SCRAPERS FOR TRUCKS	75000590 5310	120.04
2/7/2023	KYLE CHAPMAN	SL ID VALVE FITTING	MATERIALS PURCHASED FOR 48TH AND 45TH FLOW METER REPAIR	91000570 5310	157.96
2/8/2023	ALLEN CURTIS	THE HOME DEPOT 8566	FITTINGS FOR WATER HEATER JVWTP	81071570 5380	82.09
2/8/2023	ALLEN CURTIS	THE HOME DEPOT #4410	PLUG CORD END FOR JVWTP	81071570 5380	2.98
2/8/2023	LAINA MCGINTY	VILLAGE BAKER INC	BOARD MEETING REFRESHMENTS	51000660 5220	196.44
2/8/2023	LAINA MCGINTY	AMAZON.COM*0U95V3KE3 AMZN	EMMA FERGUSON 1 YR SERVICE AWARD	51000650 5170	42.21
2/8/2023	LAINA MCGINTY	AMZN MKTP US*WY8JD9YI3	SERVICE AWARD FOR EMMA FERGUSON	51000650 5170	33.99
2/8/2023	LAINA MCGINTY	AMZN MKTP US*RO5QR9G03	SERVICE AWARDS FOR AUBREY MENON, ALICIA SEKILLER, EMMA FERGUSON	51000650 5170	199.93
2/8/2023	KYLE CHAPMAN	AMAZON.COM*656G57573	6 SAFETY GFCl EXTENSION CORDS PURCHASED FOR INSTRUMENTATION	91000570 5260	208.08
2/8/2023	KYLE CHAPMAN	AMZN MKTP US*321R97JB3	REPLACEMENT HART COMMUNICATOR DEVICE TO REPLACED OUTDATED DAMMAGED UNIT	91000570 5310	415.00
2/9/2023	BEVERLY PARRY	SCHMIDT S PASTRY COTTAGE-	BOARD MEETING FOOD	51000660 5220	37.80
2/9/2023	BEVERLY PARRY	ATD HSG 800.931.6032	ATD CONFERENCE HOTEL FIRST NIGHT DEPOSIT - YVETTE AMPARO	51000650 5290	409.27
2/9/2023	BRADLEY BOREN	AMZN MKTP US*D459R8CE3	AIR FRESHENER CAR DEODORIZER FOR GROUNDS TRUCKS	83000570 5350	25.99
2/9/2023	DAVID HYDE	HARBOR FREIGHT TOOLS 789	50 FOOT CUTTING TORCH HOSE	81000570 5310	52.99
2/9/2023	MICHAEL LORENC	GRAINGER	MEASURING WHEELS	62000570 5670	536.81
2/10/2023	ALEX MITCHELL	AMZN MKTP US*HE92183E0	KITCHEN APPLIANCE	73073570 5350	75.95
2/10/2023	BEVERLY PARRY	DELTA AIR 0062363671794	ATD CONFERENCE AIRFARE - YVETTE AMPARO	51000650 5290	442.80
2/10/2023	KYLE CHAPMAN	AMZN MKTP US*KX1GY1CY3	FALL PROTECTION LANYARD TO KEEP ON TRUCK	91000570 5260	59.95
2/13/2023	ALEX MITCHELL	AMAZON.COM*H98W20RZ2	KITCHEN APPLIANCE	73073570 5350	99.93

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 2/1/2023 Through 2/28/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
2/13/2023	JACKIE BUHLER	AMAZON.COM*KD69N1O03 AMZN	TAPE DISPENSER AND SCISSORS FOR VAULT	51000650 5220	15.02
2/13/2023	JACKIE BUHLER	AMZN MKTP US*0J2Z12R93	DESK ORGANIZER FOR VAULT	51000650 5220	8.99
2/13/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	GIFT CARDS DUSTIN BRUSCH 020123	11000200 2290	175.00
2/13/2023	LAINA MCGINTY	AMZN MKTP US*HE7UY3DO0 AM	GYM SUPPLIES	51000650 5130	203.95
2/13/2023	LAINA MCGINTY	SP RETROGRESSION LLC	MICHELE GUY 5 YEAR SERVICE AWARD	51000650 5170	150.00
2/13/2023	ALICIA SEKILLER	SUPERION, LLC	ENGAGE(LUCITY) CONFERENCE REGISTRATION FOR LORRIE COWLES	90000650 5290	849.00
2/13/2023	TROY GARRETT	THE HOME DEPOT #4410	BOLTS AND DRILL BIT TO HANG BROOM HOLDERS RO PLANT	81000570 5360	28.96
2/13/2023	TERESA ATKINSON	MICROSOFT G019604009	AZURE JANUARY 2023 G019604009 \$719.70	90000650 5230	719.70
2/13/2023	TERESA ATKINSON	SCANII.COM	SCANII SERVICES 2-12-2023 TO 2-12-2024 \$1069.00	90000650 5230	1,069.00
2/13/2023	SHAUN MOSER	THE HOME DEPOT #4410	FENCE POST CAP	62000570 5350	5.97
2/13/2023	CORY COLLINS	THE HOME DEPOT #4410	SCRUB BRUSH AND CHAIR MATERIAL CLEANER	62000570 5350	10.76
2/14/2023	LAINA MCGINTY	APPLICANTPRO.COM	APPLICANT PRO	51000650 5170	49.00
2/14/2023	ALICIA SEKILLER	GAYLORD OPRY RESORT	FIRST NIGHT STAY AT HOTEL FOR LORRIE COWLES	90000650 5290	258.16
2/14/2023	JEFFREY BETTON	UTAH SAFETY COUNCIL	REGISTRATION FOR UTAH SAFETY COUNCIL CONFERENCE AND EXPO IN SLC MARCH 16 & 17	51000650 5290	200.00
2/15/2023	KYLE KENNEDY	THE HOME DEPOT #4421	PAINT FOR EPIES OFFICE, 3-WAY OUTLET SPLITTER AND PAINTERS PLASTIC	83000570 5350	182.74
2/15/2023	KYLE KENNEDY	THE HOME DEPOT #4421	PUSH BROOMS FOR RESERVOIR WASH DOWNS	83000570 5350	151.88
2/15/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	ANNUAL RWAU MEMEBER DUES FOR DISTRICT	51000650 5170	1,744.00
2/15/2023	ALICIA SEKILLER	IN *RURAL WATER ASSOCIATI	SPEAKER/ EVENT REGISTRATION FOR MATT OLSEN	51000660 5290	250.00
2/15/2023	SHANE SWENSEN	UT PROF LIC ONLINE	PE LICENSE RENEWAL - KEVIN RUBOW	52000650 5290	74.00
2/16/2023	ANDREW ADAMS	ENTERPRISE RENT-A-CAR	RENTAL VAN FOR STLP TOUR	51005650 5290	205.21
2/16/2023	ANDREW ADAMS	MAVERIK #413	GAS FOR RENTAL VANS FOR STLP TOUR	51005650 5290	38.00
2/16/2023	GAGE STEWART	GRAINGER	MCC LIGHT BULBS 48TH AND 45TH	91000570 5310	19.12
2/16/2023	MINDY KEELING	BNP MEDIA SUB-ENR AR NEWS	ENR NEWS DIGITAL SUBSCRIPTION - JACOB YOUNG	51000650 5170	99.99
2/16/2023	FUAVAI ETEAKI	ENTERPRISE RENT-A-CAR	RENTAL VAN FOR STLP TOUR	51005650 5290	205.21
2/16/2023	FUAVAI ETEAKI	MAVERIK #413	GAS FOR RENTAL VANS FOR STLP TOUR	51005650 5290	25.64
2/16/2023	ALICIA SEKILLER	USU EVENT SERVICES	REGISTRATION FOR UTAH WATER USERS WORKSHOP FOR WADE TUFT	70000590 5290	145.00
2/16/2023	ALICIA SEKILLER	HILTON HOTELS	NON REFUDABLEONE NIGHT HOTEL STAY FOR NATALIE BOYACK	62000570 5290	153.87

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 2/1/2023 Through 2/28/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
2/16/2023	ALICIA SEKILLER	AMERICAN AIR0012371811500	FLIGHT TO NASHVILLE TN FOR LORRIE COWLES	90000650 5290	776.39
2/16/2023	YVETTE AMPARO	APPLE SPICE OREM	LUNCH FOR SYSTEMS TOURS LEADERSHIP PROGRAM	51005650 5290	339.75
2/16/2023	YVETTE AMPARO	AMZN MKTP US*HP54I2F40	SCANTRON MACHINE MATERIALS	51005650 5290	14.30
2/17/2023	EPIMENIO TRUJILLO	THE HOME DEPOT #4410	OFFICE PIAINT AND BLINDS	83000570 5350	173.16
2/17/2023	JOSHUA SHREWSBURY	AMZN MKTP US*HP2G00TE0	COLORED TAPE	72000590 5260	7.99
2/17/2023	TERESA ATKINSON	JOINHOMEBASE.COM	HOMEBASE ANNUAL BILLING RECEIPT FEB 2023 TO FEB 2024 \$576.00	90000650 5230	576.00
2/17/2023	JEFFREY BETTON	INTERMOUNTAIN SECTION AWW	REGISTRATION FOR IMS AWWA MIDYEAR CONFERENCE IN SANDY APRIL 20	51000650 5290	160.00
2/20/2023	JOSHUA SHREWSBURY	AMZN MKTP US*HE59Z2KA2	COLORED TAPE	72000590 5260	37.78
2/20/2023	JORDAN TOMSIC	THE HOME DEPOT #4409	PARTS FOR THE 114TH AND 108 EAST FLOW METER UPGRADE	91000570 5310	61.07
2/20/2023	ALLEN CURTIS	THE HOME DEPOT 4409	DIMOND CUTTING BLADES FOR THE GRINDERS TO CUT PIPE AT 114TH SOUTH	81000570 5310	80.35
2/20/2023	ALLEN CURTIS	THE HOME DEPOT #4410	METAL LATH FOR THE GROUT AT 114TH 250 E PIPE	81000570 5380	31.96
2/20/2023	LAINA MCGINTY	AMZN MKTP US*HE8EH5Q32	DESKTOP CAMERA FOR EMPLOYEE	51000650 5220	18.89
2/20/2023	TERESA ATKINSON	FIGMA MONTHLY RENEWAL	FIGMA SOFTWARE FEB 18 2023 TO MAR 18 2023 \$21.45	60000650 5270	21.45
2/20/2023	DAVID BERATTO	MILLCREEK CITY PERMITS	WATER MAIN BREAK 3994 S 300 W	82000570 5380	300.00
2/20/2023	SHAUN MOSER	AMZN MKTP US*HP85J3GW0	SEASONAL EMPLOYEE TIME CLOCK	62000570 5350	99.00
2/20/2023	KYLE CHAPMAN	AMZN MKTP US*HE1GX1RJ2	FALL PROTECTION SAFETY HARNESS FOR KYLE	91000570 5260	138.99
2/20/2023	KYLE CHAPMAN	THE HOME DEPOT #4409	MATERIALS FOR 11400 & STATE METER INSTALLATION IN VAULT	91000570 5310	57.38
2/20/2023	DANIEL CLAYPOOL	THE HOME DEPOT 4409	PARTS TO MAKE EXTENTION CORD FOR WELDER	81000570 5360	357.12
2/20/2023	DAVID HYDE	THE HOME DEPOT #4409	10 LB SLEDGE HAMMER	81000570 5310	39.98
2/21/2023	ALICIA SEKILLER	HILTON HOTELS	FULL HOTEL STAY CHARGED FOR NATALIE BOYACK	62000570 5290	769.35
2/23/2023	JORDAN TOMSIC	THE HOME DEPOT #4406	GROUNDING SUPPLIES FOR 45TH 48TH METER	91000570 5310	28.19
2/23/2023	TROY GARRETT	HARBOR FREIGHT TOOLS 292	2/ 3 jaw puller sets for service trucks #744 and #721	81000570 5310	79.98
2/23/2023	TERESA ATKINSON	SALTAKETRIB	SLTRIB SUBSCRIPTION 2-22-23 ONE YEAR \$79.90	60000650 5270	79.90
2/23/2023	BEVERLY PARRY	DELTA AIR 0062366448131	AWWA ACE CONFERENCE FLIGHT - BARBARA TOWNSEND	51000660 5290	755.23
2/24/2023	BEVERLY PARRY	VILLAGE BAKER INC	SNOW DAY LUNCH	51000650 5170	91.45

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 2/1/2023 Through 2/28/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
2/24/2023	JEFFREY BETTON	SAFETY TALK IDEAS.COM	ANNUAL MEMBERSHIP FOR SAFETY TALK IDEAS (DATABASE OF RISK TALKS THAT CAN BE USED)	51000650 5260	104.99
2/27/2023	JOSHUA SHREWSBURY	AMZN MKTP US*HP43F4WX1	RAIN GEAR AND CHEMICAL RESISTANT BOOTS	72000590 5260	158.07
2/27/2023	JOSHUA SHREWSBURY	AMZN MKTP US*HD5RR6HB0	RAIN GEAR AND CHEMICAL RESISTANT BOOTS	72000590 5260	24.99
2/27/2023	MINDY KEELING	AMERICAN SOCIETY OF SA	ASSP CONFERENCE REGISTRATION - DAVE BERRATO, JEFF BETTON	80000570 5290	729.00
2/27/2023	MINDY KEELING	AMERICAN SOCIETY OF SA	ASSP CONFERENCE REGISTRATION - DAVE BERRATO, JEFF BETTON	51000650 5290	729.00
2/27/2023	ALLEN CURTIS	THE HOME DEPOT 4409	ELETRIC WATER HEATER FOR SERWTP	81072570 5380	439.00
2/27/2023	TROY GARRETT	THE HOME DEPOT #4409	HOSE SWEEPER NOZZLE	81000570 5310	9.97
2/27/2023	DUSTIN BRUSCH	EBAY O*11-09745-24858	REPLACED BREAKER FOR HOT WATER HEATER SERWTP	91072570 5310	13.80
2/28/2023	JACKIE BUHLER	GOVERNMENT FINANCE OFFIC	ANNUAL MEMBERSHIP RENEWAL DAVE M	51000650 5290	280.00
2/28/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	TYSON GIFT CARD 022723	11000200 2290	100.00

TOTAL # OF TRANSACTIONS: 114

REPORT TOTAL: \$25,893.94

CONSERVATION UPDATE

WEST VALLEY CITY, UTAH

ORDINANCE NO. _____

Draft Date: 12/21/2022

Date Adopted: _____

Date Effective: _____

**AN ORDINANCE ENACTING SECTION 7-16-104 AND
AMENDING SECTION 7-11-205 OF THE WEST VALLEY
CITY MUNICIPAL CODE TO AMEND CERTAIN
REQUIREMENTS CONCERNING LANDSCAPING.**

WHEREAS, Title 7 of the West Valley City Municipal Code establishes regulations concerning the use and development of land throughout the City; and

WHEREAS, the City desires to enact and amend certain regulations concerning water efficient landscaping; and

WHEREAS, the City Council of West Valley City, Utah does hereby determine that it is in the best interests of the health, safety, and welfare of the citizens of West Valley City to enact Section 7-16-104 and amend Section 7-11-205 of the West Valley City Municipal Code.

NOW, THEREFORE, BE IT ORDAINED by the City Council of West Valley City, Utah as follows:

Section 1. Repealer. Any provision of the West Valley City Municipal Code found to be in conflict with this Ordinance is hereby repealed.

Section 2. Enactment. Section 7-16-104 of the West Valley City Municipal Code is hereby enacted as follows:

7-16-104. ALL NEW RESIDENTIAL DEVELOPMENT.

The following standards shall apply to all new residential Development:

(1) Lawn shall be prohibited in Parkstrips and in areas less than eight feet in width.

(2) No more than 35% of the Front and Side Yard landscaped area shall be lawn. Residential lots with less than 250 square feet in landscaped area shall be exempt from this standard.

Section 3. Amendment. Section 7-11-205 of the West Valley City Municipal Code is hereby amended as follows:

7-11-205. LANDSCAPING AND IRRIGATION.

Landscaping on Single Unit Dwelling, Twin Home, and Two Unit Dwelling Lots shall comply with the following standards:

(1) Landscaping shall be installed in Front Yards between the front line of the house and the Sidewalk on the entire width of the Lot excluding the driveway. On Corner Lots, Landscaping shall be installed in all areas between the Sidewalk and the side line of the house between the front property line and the rear property line which are visible from the public Right-of-way.

(2) Landscaping shall include at least one tree and a combination of lawn, shrubs or groundcover. Deciduous trees shall be a minimum size of two-inch caliper. Conifer trees shall be at least six feet in height. A minimum of 30 percent of the entire Front Yard shall be live plant material, not including tree canopies. Groundcover may include vegetative vines, low-spreading shrubs, or annual or perennial flowering or foliage plants, mineral or nonliving organic permeable material, or artificial turf that meets the standards in Section 7-2-127. Mineral groundcover may include such materials as rocks, boulders, gravel, or brick over sand. Artificial turf may be counted toward up to half of the required live plant material.

(3) At the time the water supply line to a house is installed, the builder shall furnish and install a stop-and-waste valve with an access sleeve and capped mainline to the surface to facilitate future sprinkler system installation. The stop-and-waste valve may also be located inside the home with a mainline extended to the exterior of the foundation wall and capped.

(4) On Lots over one-half acre in size, Landscaping shall only be required on 80 feet of Street Frontage to the depth of the Front Yard setback. On Corner Lots one-half acre or larger, 80

feet of Frontage shall be landscaped on each Street. The 80-foot Frontage may include customary access drives.

(5) In addition to the standards listed above, all new Single Unit Dwellings, Twin Homes, and Two Unit Dwellings shall follow the standards in Section 7-16-104.

Section 4. Severability. If any provision of this Ordinance is declared to be invalid by a court of competent jurisdiction, the remainder shall not be affected thereby.

Section 5. Effective Date. This Ordinance shall take effect immediately upon posting in the manner required by law.

PASSED and APPROVED this _____ day of _____, 2023.

WEST VALLEY CITY

MAYOR

ATTEST:

CITY RECORDER

RIVERTON CITY, UTAH
ORDINANCE NO. 23-05

**AN ORDINANCE AMENDING SECTION 18.235, WATER EFFICIENCY STANDARDS, OF THE
RIVERTON CITY CODE UPDATING AND AMENDING EXISTING TEXT, AMENDMENTS
PROPOSED BY RIVERTON CITY**

WHEREAS, the City Council has held a public hearing to consider said amendment; and

WHEREAS, the Riverton City Council has determined that it is in the best interest of the public
amend the Riverton City Code Section 18.235, Water Efficiency Standards, as described in Exhibit “A”.

NOW THEREFORE, BE IT ORDAINED by the City Council of Riverton City, Utah as follows:

Section 1. The Riverton City Code Section 18.235, Water Efficiency Standards, shall be, and
hereby is, amended as shown in Exhibit “A.”

Section 2. This ordinance shall take effect upon passage, and shall supersede any language to the
contrary in other sections of Riverton City Code .

PASSED AND APPROVED by the City Council of Riverton, Utah, on this 21st day of February,
2023 by the following vote:

	YES	NO
Councilmember Tish Buroker	_____	_____
Councilmember Tawnee McCay	_____	_____
Councilmember Troy McDougal	_____	_____
Councilmember Andy Pierucci	_____	_____
Councilmember Claude Wells	_____	_____

RIVERTON CITY

[SEAL]

ATTEST:

Trent Staggs, Mayor

Jamie Larsen, Recorder

Exhibit “A”

Sections:

~~18.235.010—Purpose.~~

~~18.235.020—Applicability.~~

~~18.235.030—Indoor fixture requirements.~~

~~18.235.040—Outdoor landscaping standards.~~

~~18.235.050—Landscaping requirements.~~

~~*Code reviser’s note: Ord. 22-18 sets out this chapter in full. Exh. A, Section 3 of Ord. 22-18 was codified as part of RCC 18.05.030, Definition of terms.~~

~~18.235.010—Purpose.~~

~~The purpose of these water efficiency standards is to conserve the public’s water resources by establishing water conservation recommendations for outdoor landscaping and indoor plumbing and fixtures. [Ord. 22-18 § 1 (Exh. A § 1).]~~

~~18.235.020—Applicability.~~

~~The standards contained herein shall be recommended and encouraged for all developer/contractor installed residential, commercial, institutional, and industrial construction, as applicable. The outdoor landscaping standards shall also be recommended and encouraged for new landscaping construction installed by homeowners. [Ord. 22-18 § 1 (Exh. A § 2).]~~

~~18.235.030—Indoor fixture requirements.~~

~~It is recommended and encouraged, but not mandated, that all new and future construction and future additions, remodels, or refurbishments install plumbing fixtures that have the WaterSense label, including: lavatory faucets, shower heads, sink faucets, water closets (tank and flushometer valve toilets), and urinals, to the extent Utah law allows municipalities or local districts to require these fixtures. [Ord. 22-18 § 1 (Exh. A § 4).]~~

~~18.235.040—Outdoor landscaping standards.~~

~~It is recommended and encouraged, but not mandated, that all new and rehabilitated landscaping for public agency projects, private development projects, developer installed landscaping in multifamily and single family residential projects within the front and side yards, and homeowner provided landscape improvements within the front and side yards of single and two family dwellings comply with the landscaping standards set forth in RCC 18.235.050 to the extent possible. It is recommended and encouraged, but not mandated, that rear yard landscape improvements of single and two family dwellings comply with these same standards. [Ord. 22-18 § 1 (Exh. A § 5).]~~

~~18.235.050—Landscaping requirements.~~

~~(1) All irrigation should be appropriate for the designated plant material to achieve the highest water efficiency. Drip irrigation or bubblers should be used except in lawn areas. Drip irrigation systems should be equipped with a pressure regulator, filter, flush-end assembly, and any other appropriate components.~~

~~(2) Each irrigation valve should irrigate landscaping with similar site, slope and soil conditions, and plant materials with similar watering needs. Lawn and planting beds should be irrigated on separate irrigation valves. In addition, drip emitters and sprinklers should be placed on separate irrigation valves.~~

~~(3) Landscaped areas should be provided with a WaterSense labeled smart irrigation controller which automatically adjusts the frequency and/or duration of irrigation events in response to changing weather conditions. All controllers should be equipped with automatic rain delay or rain shut-off capabilities.~~

~~(4) At least three to four inches of mulch, permeable to air and water, should be used in planting beds to control weeds and improve the appearance of the landscaping.~~

~~(5) At maturity, landscapes are recommended to have enough plant material (perennials and shrubs) to create at least 50 percent living plant cover at maturity at the ground plane, not including tree canopies.~~

~~(6) Lawn should be minimized in park strips, paths, or on slopes greater than 25 percent or 4:1 grade. To the extent reasonably practicable, lawn should be free from obstructions (trees, signs, posts, valve boxes, etc.).~~

~~(7) In residential landscapes, the landscaping should adhere to the following Locascapes® requirements and should be properly labeled on the landscape plan submitted to the city for review:~~

~~(a) If size permits, the landscaped areas of the front yard and back yard should include a designed central open shape created by using lawn, hardscape, groundcover, gravel, or mulch.~~

~~(b) Gathering areas should be constructed of hardscape and placed outside of the central open shape. In a landscape without lawn, gathering areas may function as the central open shape.~~

~~(c) Activity zones should be located outside of the central open shape and should be surfaced with materials other than lawn.~~

~~(d) Paths should be made with materials that do not include lawn, such as hardscape, mulch, or other groundcover.~~

~~(e) Lawn areas should not exceed the greater of 250 square feet, or 35 percent of the total landscaped area.~~

~~(f) Small residential lots, where the total landscaped area is less than 250 square feet, and where the front yard dimensions cannot accommodate the minimum eight foot wide lawn area requirement of the landscaping requirements in subsection (6) of this section, are exempt from the eight foot minimum width lawn area requirement.~~

~~(8) In commercial, industrial, institutional, and multifamily development common area landscapes, lawn areas should not exceed 20 percent of the total landscaped area, outside of active recreation areas. [Ord. 22-18 § 1 (Exh. A § 6).]~~

Chapter 18.235 WATER EFFICIENCY STANDARDS

Sections:

Sections:

- 18.235.010 Purpose.
- 18.235.020 Definitions.
- 18.235.030 Applicability of Water Efficient Landscape Ordinance.
- 18.235.040 Landscape Design Standards
- 18.235.050 Irrigation Design Standards.
- 18.235.060 Landscapes in New Single-family Residential Developments.
- 18.235.070 Landscapes in Commercial and Multi-Family Developments
- 18.235.080 Documentation for Commercial and Multi-Family Projects.
- 18.235.090 Plan Review, Construction Inspection, and Post-Construction Monitoring

18.235.010 Purpose.

The purpose of these water efficiency standards is to conserve the public's water resources by establishing water conservation standards for outdoor landscaping and irrigation.

18.235.020 Definitions.

The following definitions shall apply to this ordinance:

Active Recreation Area: An area that is dedicated to active play where turf grass may be used as the playing surface. Examples of active recreation areas include sports fields, play areas, and other similar uses.

Bubbler: An irrigation head that delivers water to the root zone by "flooding" the planted area, usually measured in gallons per minute. Bubblers exhibit a trickle, umbrella or short stream pattern.

Check Valve: A device used in sprinkler heads or pipe to prevent water from draining out of the pipe through gravity flow.

Controller: A device used in irrigation systems to automatically control when and how long sprinklers or drip systems operate.

Drip Emitter: Drip irrigation fittings that deliver water slowly at the root zone of the plant, usually measured in gallons per hour.

Grading Plan: The Grading Plan shows all finish grades, spot elevations, drainage as necessary and existing and new contours with the developed landscaped area.

Ground Cover: Material planted in such a way as to form a continuous cover over the ground that can be maintained at a height not more than twelve (12) inches.

Hardscape: Patios, decks and paths. Does not include driveways and sidewalks.

Irrigation Plan: The irrigation plan shows the components of the irrigation system with water meter size, backflow prevention, precipitation rates, flow rate and operating pressure for each irrigation circuit, and identification of all irrigation equipment.

Landscape Architect: A person who holds a professional license to practice landscape architecture in the state of Utah. Per State Code, licensed landscape architects, licensed architects, licensed land surveyors, and licensed engineers can professionally stamp plans that fall under the practice of landscape architecture. This includes commercial landscape and irrigation plans. Each municipality has the authority to require that only a licensed landscape architect can stamp plans that fall under the practice of landscape architecture.

Landscape Designer: A person who may or may not hold professional certificates for landscape design/architecture and cannot legally create commercial landscape plans. Landscape Designers generally focus on residential design and horticultural needs of home landscapes.

Landscape Documentation Package: The preparation of a graphic and written criteria, specifications, and detailed plans to arrange and modify the effects of natural features such as plantings, ground and water forms, circulation, walks and other features to comply with the provisions of this ordinance. The Landscape Documentation Package shall include a project data sheet, a Site Plan, a Planting Plan, an Irrigation Plan, Construction Details, and a Grading Plan.

Landscape Zone: A portion of the landscaped area having plants with similar water needs, areas with similar microclimate (i.e., slope, exposure, wind, etc.) and soil conditions, and areas that will be similarly irrigated. A landscape zone can be served by one irrigation valve, or a set of valves with the same schedule.

Landscaping: Any combination of living plants, such as trees, shrubs, vines, ground covers, annuals, perennials, ornamental grass, or seeding; natural features such as rock, stone, or bark chips; and structural features, including but not limited to, fountains, reflecting pools, outdoor art work, screen walls, fences or benches.

Locascapes®: A locally adaptable and environmentally sustainable urban landscape style that requires less irrigation than traditional Utah landscapes (see www.Locascapes.com).

Mulch: Any material such as rock, bark, wood chips or other materials left loose and applied to the soil.

Park Strip: A typically narrow landscaped area located between the back-of-curb and sidewalk.

Planting Plan: A Planting Plan shall clearly and accurately identify the type, size, and locations for new and existing trees, shrubs, planting beds, ground covers, turf areas, driveways, sidewalks, hardscape features, and fences.

Pop-up Spray Head: A sprinkler head that sprays water through a nozzle in a fixed pattern with no rotation.

Precipitation Rate: The depth of water applied to a given area, usually measured in inches per hour.

Pressure Regulating Valve: A valve installed in an irrigation mainline that reduces a higher supply pressure at the inlet down to a regulated lower pressure at the outlet.

Pressure Compensating: A drip irrigation system that compensates for fluctuating water pressure by only allowing a fixed volume of water through drip emitters.

Rotor Spray Head: A sprinkler head that distributes water through a nozzle by the rotation of a gear or mechanical rotor.

Runoff: Irrigation water that is not absorbed by the soil or landscape area to which it is applied, and which flows onto other areas.

Spray Sprinkler: An irrigation head that sprays water through a nozzle.

Stream Sprinkler: An irrigation head that projects water through a gear rotor in single or multiple streams.

Turf: A surface layer of earth containing mowed grass with its roots.

Water-Conserving Plant: A plant that can generally survive with available rainfall once established although supplemental irrigation may be needed or desirable during spring and summer months.

18.235.030 Applicability of Water Efficient Landscape Ordinance

The provisions of this ordinance shall apply to all new and rehabilitated landscaping for public agency projects, commercial development projects, required developer-installed landscaping in multi-family and in front and side yards of single-family residential projects, and homeowner provided landscape improvements on new construction within the front and side yards of single family dwellings. These standards are highly encouraged where landscaping is being installed or renovated on existing residential homes.

18.235.040 Landscape Design Standards

- A. Plant Selection. Plants shall be well-suited to the microclimate and soil conditions at the project site. Both native and locally-adapted plants are acceptable. Plants with similar water needs shall be grouped together as much as possible.
- B. Mulch. After completion of all planting, all irrigated non-turf areas shall be covered with a minimum 3 to 4-inch layer of mulch to retain water, inhibit weed growth, and moderate soil temperature. Non-porous material shall not be placed under the mulch.
- C. Soil Preparation. Soil preparation will be suitable to provide healthy growing conditions for the plants and to encourage water infiltration and penetration. Soil preparation shall include scarifying the soil to a minimum depth of six (6) inches and amending the soil with organic material as per specific recommendations of the Landscape Designer/Landscape Architect based on the soil conditions. In some cases, soil testing will provide additional recommendations for amending the soil.
- D. Tree Selection. Tree species shall be selected based on growth characteristics and site conditions, including available space, overhead clearance, soil conditions, exposure, and desired color and appearance. Trees shall be selected as follows:
 - 1. Broad canopy trees shall be selected where shade or screening of tall objects is desired;
 - 2. Low-growing trees shall be selected for spaces under utility wires;
 - 3. Select trees from which lower branches can be trimmed to maintain a healthy growth habit where visual clearance and natural surveillance is a concern;
 - 4. Narrow or columnar trees shall be selected for small spaces, or where awnings or other building features limit growth, or where greater visibility is desired between buildings and the street for natural surveillance;
 - 5. Street trees shall be planted within existing and proposed park strips, and in sidewalk tree wells on streets without park strips. Tree placement shall provide canopy cover (shade) and avoid conflicts with existing trees, retaining walls, above and below ground utilities, lighting, and other obstructions; and
 - 6. Trees less than a two-inch caliper shall be double-staked until the trees mature to a two-inch caliper.
- E. Areas with slopes greater than 25 percent, or 4:1 grade, shall be landscaped with deep- rooting, water-conserving

plants, that do not include turf.

- F. Turf or sod may not be used in park strips or landscaped islands less than eight (8) feet wide.
- G. Certain special purpose landscape areas (e.g. stormwater management areas, etc) may receive exceptions from slope and other limitations of this title, as approved on a case-by-case basis by the City.

18.235.050 Irrigation Design Standards

- A. Pressure Regulation. A pressure regulating valve shall be installed and maintained by required by Riverton City's Standards and Specifications, or by specific requirement of the Public Works Department . The pressure-regulating valve shall be located between the meter and the first point of water use, or first point of division in the pipe, and shall be set at the manufacturer's recommended pressure for the sprinklers.
- B. Irrigation Controller. Landscaped areas shall be provided with a WaterSense labeled smart irrigation controller which automatically adjusts the frequency and/or duration of irrigation events in response to changing weather conditions. All controllers shall be equipped with automatic rain delay or rain shut-off capabilities.
- C. Each valve should irrigate a landscape with similar site, slope and soil conditions and plant materials with similar watering needs. Turf and non-turf areas should be irrigated on separate valves. Drip emitters and sprinklers should be placed on separate valves.
- D. Drip emitters or a bubbler shall be provided for each tree. Bubblers for trees shall be placed on a separate valve unless specifically exempted by the City due to the limited number of trees on the project site.
- E. Drip irrigation or bubblers shall be used to irrigate plants in non-turf areas.
- F. Sprinklers shall have matched precipitation rates with each control valve circuit.
- G. Sprinkler heads shall be attached to rigid lateral lines with flexible material (swing joints) or other approved materials designed to reduce potential for breakage.
- H. Check valves shall be required where elevation differences cause low-head drainage. Pressure compensating valves and sprinklers shall be required where a significant variation in water pressure occurs within the irrigation system due to elevation differences.
- I. Filters and end flush valves shall be provided as necessary for drip irrigation lines.
- J. Unless otherwise determined by the City, valves with spray or stream sprinklers shall be scheduled to operate between 6 p.m. and 10 a.m. to reduce water loss from wind and evaporation.

18.235.060 Landscapes in New Single-family Residential Developments

- A. No more than thirty-five percent (35%) of the front and side yard landscaped area in new single family residential construction may be lawn.
- B. Homebuilders and/or developers subdividing lots and/or constructing new single-family residential homes are encouraged to offer a water-efficient landscaping option to prospective home buyers, such as the Locascapes design style.
- C. Homebuilders and/or developers who construct model homes for a designated subdivision are encouraged to have at least one model home with water-efficient landscaping, such as the Locascapes design style
- D. Model homes shall have landscaping and irrigation plans approved by the City Planning Department prior to issuance of building permits.

- E. Model homes shall include an informational brochure on water-efficient landscaping or Localscapes. Localscapes brochures can be obtained from the City or from other relevant agencies.

18.235.070 Landscapes in Commercial and Multi-Family Developments

- A. Commercial and multi-family landscapes shall meet the Landscape Design Standards and Irrigation Design Standards of this ordinance, and the turf area shall not exceed 20% of the total landscaped area, outside of active recreation areas. In multi-family development, this is measured as 20% of common area landscaping.

18.235.080 Documentation for Commercial and Multi-Family Projects

Landscape Documentation Package. A copy of a Landscape Documentation Package shall be submitted to and approved by the City prior to the issue of any permit. A copy of the approved Landscape Documentation Package shall be provided to the property owner or site manager and to the local retail water purveyor. The Landscape Documentation Package shall be prepared by a professional landscape architect (PLA) and shall consist of the following items:

- A. Project Data Sheet. The Project Data Sheet shall contain the following:
 - 1. Project name and address;
 - 2. Applicant or applicant agent's name, address, phone number, and email address;
 - 3. Landscape architect's name, address, phone number, and email address; and
 - 4. Landscape contractor's name, address, phone number and email address, if available at this time.
- B. Planting Plan. A detailed planting plan shall be drawn at a scale that clearly identifies the following:
 - 1. Location of all plant materials, a legend with botanical and common names, and size of plant materials;
 - 2. Property lines and street names;
 - 3. Existing and proposed buildings, walls, fences, utilities, paved areas and other site improvements;
 - 4. Existing trees and plant materials to be removed or retained;
 - 5. Scale: graphic and written;
 - 6. Date of design;
 - 7. Designation of landscape zones, and
 - 8. Details and specifications for tree staking, soil preparation, and other planting work.
- C. Irrigation Plan. A detailed irrigation plan shall be drawn at the same scale as the planting plan and shall contain the following information:
 - 1. Layout of the irrigation system and a legend summarizing the type and size of all components of the system, including manufacturer name and model numbers;
 - 2. Static water pressure in pounds per square inch (psi) at the point of connection to the public water supply;
 - 3. Flow rate in gallons per minute and design operating pressure in psi for each valve and precipitation rate in inches per hour for each valve with sprinklers, and
 - 4. Installation details for irrigation components.
- D. Grading Plan. A Grading Plan shall be drawn at the same scale as the Planting Plan and shall contain the

following information:

1. Property lines and street names, existing and proposed buildings, walls, fences, utilities, paved areas and other site improvements, and
2. Existing and finished contour lines and spot elevations as necessary for the proposed site improvements, as well as drainage.

18.235.090. Plan Review, Construction Inspection, and Post-Construction Monitoring.

- A. As part of the Building Permit approval process, a copy of the Landscape Documentation Package shall be submitted to the City for review and approval before construction begins.
- B. All installers and designers shall meet state and local license, insurance, and bonding requirements, and be able to show proof of such.
- C. During construction, site inspection of the landscaping may be performed by the City.
- D. Following construction and prior to issuing the approval for occupancy, an inspection shall be scheduled with the City to verify compliance with the approved landscape plans.
- E. The City reserves the right to perform site inspections at any time before, during or after the irrigation system and landscape installation, and to require corrective measures if requirements of this ordinance are not satisfied.

CERTIFICATE OF POSTING

I, Jamie Larsen, the duly appointed and acting Recorder for Riverton City hereby
Certify that the foregoing Ordinance No. 23-05 was adopted by the Riverton City Council on
the 21st day of February 2023 and that after its passage copies were posted at the following
locations:

1. City Hall
2. Riverton Library
3. Riverton City Website

Dated this 21st day of February, 2023.

[S E A L]

Jamie Larsen, Recorder

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

(Unapproved and subject to change)

Held on February 6, 2023

A regular meeting of the Conservation Committee of the Board of Trustees of the Jordan Valley Water Conservancy District (JVWCD or District) was held on Monday February 6, 2023, at 3:00 p.m. at the District 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:

Lyle C. Summers, Chair
Reed Gibby
Karen Lang
Dawn Ramsey
Corey L. Rushton
Mick Sudbury
John H. Taylor
Barbara Townsend

Trustees Not Present:

Sherrie L. Ohrn

Others Present:

Greg Christensen

Staff Present:

Alan Packard, General Manager
Jacob Young, Deputy General Manager
Dave Martin, CFO/Treasurer
Shazelle Terry, Assistant General Manager
Matt Olsen, Assistant General Manager
Jason Brown, Information Systems Department Manager
Shane Swensen, Engineering Department Manager
Martin Feil, Database Administrator (electronic)
Mark Stratford, General Counsel
Brian McCleary, Controller
Brian Callister, Maintenance Department Manager
Beverly Parry, Executive Assistant
Mindy Keeling, Administrative Assistant (electronic)
Alicia Sekiller, Administrative Assistant
Courtney Brown, Conservation Division Manager
Kelly Good, Communications Division Manager
Shaun Moser, Conservation Garden Park Manager
Eric Wermel, Conservation Coordinator (electronic)
Jeanette Perry, Conservation Coordinator (electronic)
Cynthia Bee, Public Information Officer

Amanda Strack, Conservation Supervisor (electronic)
Kurt Ashworth, Human Resources Manager
Margaret Dea, Senior Accountant (electronic)
Travis Christensen, Senior Engineer

The meeting was brought to order at 3:00 p.m. by Mr. Lyle Summers.

Approval of the minutes of the Conservation Committee meeting held January 9, 2023

Mr. Lyle Summers called for a motion to approve the minutes of the January 9, 2023, Conservation Committee meeting. Ms. Townsend moved to approve the minutes. Mr. Sudbury seconded the motion. The minutes were approved as follows:

Ms. Barbara Townsend – aye	Ms. Sherrie Ohrn – not present
Ms. Dawn Ramsey – not present	Mr. Lyle Summers – aye
Mr. Reed Gibby – aye	Mr. Mick Sudbury – aye
Mr. Corey Rushton – aye	Mr. John Taylor – aye
Ms. Karen Lang – aye	

Public Comments

No public comments.

Review estimated cost of water savings for 2022 turf replacement programs

Mr. Matt Olsen opened the discussion by introducing it as a continuation of the report from January 2023 because of some questions about the estimated water savings for the lawn replacement programs. He welcomed Mr. Courtney Brown to further the conversation.

Mr. Brown explained the Utah Water Savers program was divided into three categories: Flip Your Strip, Locascapes Rewards, and Landscape Leadership Grants. He reported the following for 2022:

Flip Your Strip had a total cost of \$157,831.41 with an estimated annual water savings of 8.96 acre feet. The annualized cost for this program was \$957.42 per acre foot.

Locascapes Rewards had a total cost of \$249,795.03 with an estimated annual water savings of 38.39 acre feet. The annualized cost for this program was \$353.64 per acre foot.

Landscape Leadership Grants had 15 completed projects for a total cost of \$289,316.00 with an estimated annual water savings of 28.48 acre feet. The annualized cost for this program was \$551.96 per acre foot.

Mr. Brown described how staff uses an estimated water savings calculator, which shows the current irrigation system's requirements compared to the proposed irrigation requirements with the new landscape.

Mr. Summers expressed his gratitude for the level of detail within these calculations for water savings. He also mentioned his belief that the results could be helpful for the Great Salt Lake.

Update on Utah Water Savers development to accommodate updated turf replacement programs for 2023

Mr. Olsen introduced Ms. Kelly Good, the new Communications Division Manager, to provide an update on the Utah Water Savers website development. Ms. Good explained that the program had grown significantly since its launch in 2017, with 78 applications initially to 3101 in 2022. The website needs to be reconfigured to accommodate new program requirements, multiple funding sources, and more customization by a water provider. Ms. Good noted that the website development started in December 2022 and is expected to launch on March 01, 2023, with ongoing development and growth expected based on user feedback throughout the year.

Mr. Rushton inquired about the new rebate amount levels, to which Mr. Olsen replied that the District would be receiving funding from multiple sources to help with the cost. Though he explained, even without additional funding, it was still a good investment for the District given the value of the water savings.

Mr. Rushton expressed some concern about how to handle backyards given the difficulty of verification. Mr. Olsen agreed backyards do present challenges and that staff is considering technological solutions. Ms. Karen Lang suggested requiring new builds to keep yards accessible for the district to check occasionally, but Mr. Rushton was skeptical about the ability to enforce this.

The topic ended with a discussion about some of the developing technologies that could help with inspection and enforcement.

Reporting Items

Mr. Brown covered the reporting items from the packet as follows:

- a. 2023 Garden Education Programs Report
- b. 2023 Landscape Leadership Grant Update
- c. 2023 Utah Water Savers Program Update
- d. Member Agency Grant Program Update
- e. Fundraising Progress Report
- f. Foundation Activities Report

Adjourn

Mr. Rushton asked for a motion to adjourn the meeting. Mr. Sudbury moved to adjourn. Ms. Townsend seconded the motion. The meeting was adjourned at 3:51 p.m.

Sherrie L. Ohrn, Conservation Committee Chair	Date
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Matthew D. Olsen, Assistant General Manager	Date
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FINANCIAL MATTERS



Resolution of the Board of Trustees

RESOLUTION NO. 23-10

TENTATIVELY ADOPTING JORDAN VALLEY WATER CONSERVANCY DISTRICT'S TENTATIVE BUDGET, FINANCIAL PLAN, AND WATER RATES FOR FISCAL YEAR 2023-2024

BE IT RESOLVED by the Jordan Valley Water Conservancy District's Board of Trustees:

1. The tentative budget and financial plan attached as Exhibit 1 are hereby tentatively approved and adopted as the Jordan Valley Water Conservancy District's tentative budget for the fiscal year July 1, 2023, through June 30, 2024.
2. The tentative retail water rates and wholesale water rates attached as Exhibit 2 are hereby tentatively approved and adopted as the Jordan Valley Water Conservancy District's tentative water rates for the fiscal year July 1, 2023, through June 30, 2024.
3. This Resolution shall take effect upon approval by the Board.

PASSED, ADOPTED, and APPROVED this 12th day of April 2023.

Corey L. Rushton
Chair of the Board of Trustees

ATTEST:

Alan E. Packard
District Clerk

EXHIBIT 1



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.

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

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)	4.0% - 6.0%
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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	\$8.5 million
Estimated need from the Revenue Stabilization Fund	\$5.0 – \$7.0 million

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	0.000345	\$26.1 million *

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



PARAMETERS FOR 2023/2024 BUDGET PREPARATION

RESERVE FUND BALANCES

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

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 - JVVTP	
▪ Water Quality Technician (part-time)	
▪ System Operator (part-time)	

CAPITAL PROJECT EXPENDITURES

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

Major projects include: two new storage reservoirs, four new wells, JVVTP expansion, JVVCD 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
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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

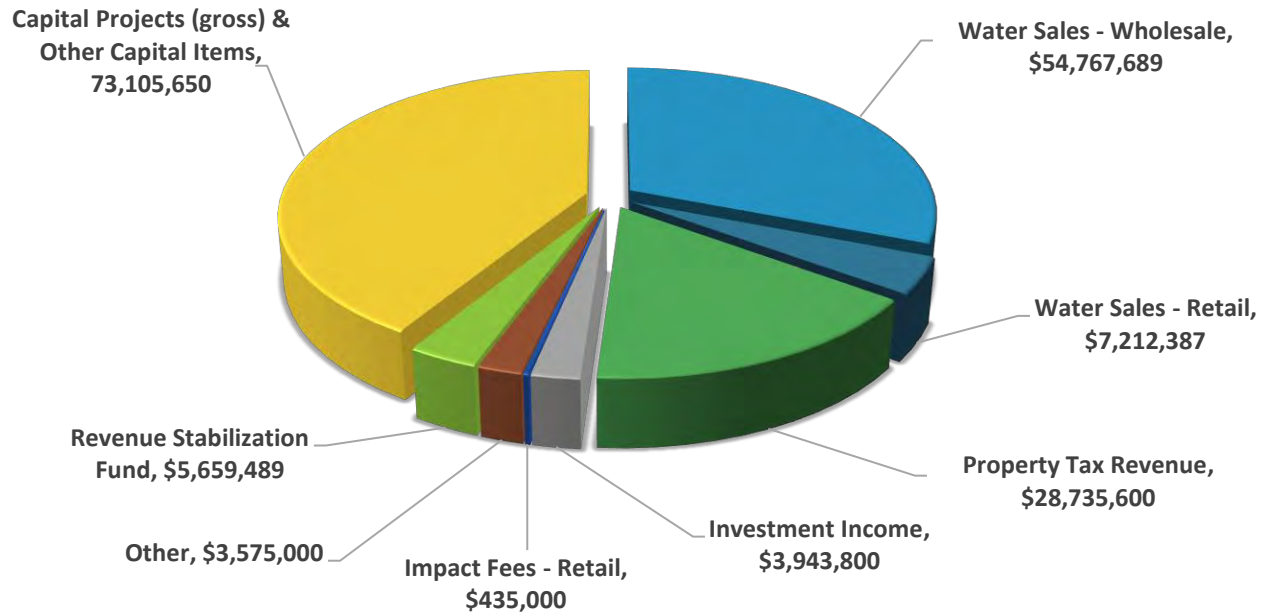
SOURCES OF FUNDS	2021/2022 Actual	2022/2023 Projected	Budget	2023/2024 Budget	Budget to Budget \$ Variance	% Var.
Water Sales - Wholesale	\$ 48,200,098	\$ 52,418,862	\$ 52,554,723	\$ 54,767,689	\$ 2,212,966	4.2%
Water Sales - Retail	6,052,698	6,493,911	6,758,349	7,212,387	454,038	6.7%
Property Tax Revenue	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%
Subtotal	80,965,621	90,315,726	88,805,811	98,669,476	9,863,665	11.1%
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
Total Sources	\$ 101,497,819	\$ 142,738,351	\$ 151,502,440	\$ 177,434,615	\$ 25,932,175	17.1%
USES OF FUNDS						
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%
Subtotal	86,561,884	98,717,834	97,207,919	104,328,965	7,121,046	7.3%
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
Total Uses	\$ 101,503,819	\$ 142,738,351	\$ 151,502,440	\$ 177,434,615	\$ 25,932,175	17.1%
Non-Operating and Non-Cash Expenses and Accruals*						
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%
	\$ 6,512,699	\$ 9,168,000	\$ 9,443,000	\$ 9,470,000	\$ 27,000	0.3%

* 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.

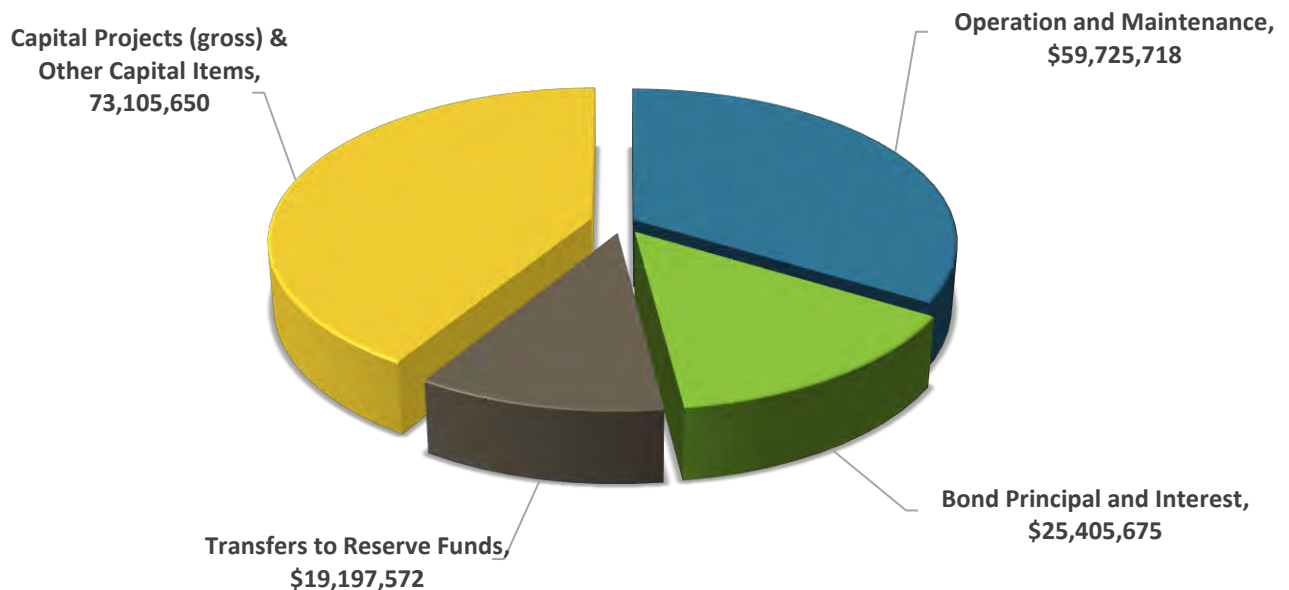


OVERVIEW - 2023/2024 BUDGET (SOURCES & USES)

SOURCES



USES





REVENUE DETAIL - 2023/2024 BUDGET

		Rate	Budgeted Revenues	Total
WATER SALES - WHOLESALE	<u>Deliveries AF</u>	<u>per AF</u>		
Wholesale Deliveries	94,350	\$578.36	\$ 54,568,266	
Meter Base Charges			199,423	\$ 54,767,689
WATER SALES - RETAIL				
Retail Deliveries	7,650	883.50	6,758,775	
Meter Base Charges			386,000	
Other Fees			24,820	
Fire Line Charges			42,792	7,212,387
PROPERTY TAX REVENUE (S.L. & Utah Co.)	<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	
<u>Truth In Taxation (CTR of 0.000345 to 0.000375)</u>				
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	28,735,600
INVESTMENT INCOME	<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	3,943,800
RETAIL IMPACT FEES				
Retail Impact Fees (3/4" to 8" size) - Restricted to Development Fee Fund				
5-Year Average Impact Fee Revenue				435,000
OTHER				
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	3,575,000
TOTAL REVENUES				\$ 98,669,476



Financial Plan for the 2023/2024 Budget

REVENUE DETAIL

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



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	\$ 20,467,172	\$ 879,481	4.5%
5170	Gen. Admin. & Uniforms	198,917	213,126	211,950	236,910	24,960	11.8%
5180	Tuition Assistance	25,475	31,800	45,000	45,000	-	0.0%
5210	Insurance	964,879	1,114,143	1,031,351	1,206,021	174,670	16.9%
5220	Office Supplies	38,863	42,291	47,811	53,171	5,360	11.2%
5230	Computer Equipment	767,481	802,671	822,775	844,080	21,305	2.6%
5250	Mailing	97,531	93,612	107,950	100,300	(7,650)	-7.1%
5260	Safety	82,075	91,654	97,449	104,379	6,930	7.1%
5270	Public Relations	158,808	143,016	192,925	202,964	10,039	5.2%
5280	Prof Consulting	274,763	291,910	316,350	429,371	113,021	35.7%
5282	Prof Consulting - Audit	29,600	30,908	38,900	38,900	-	0.0%
5284	Prof Consulting - Legal	395,744	401,398	442,750	452,750	10,000	2.3%
5286	Bond and Bank Fees	380,207	418,979	424,000	396,400	(27,600)	-6.5%
5290	Training & Education	195,445	209,435	356,609	357,597	988	0.3%
5310	Tools & Equipment	253,265	294,210	338,911	338,269	(642)	-0.2%
5320	Lubricants	6,717	6,186	8,940	9,540	600	6.7%
5330	Parts - General Equip.	84,518	88,975	107,050	112,450	5,400	5.0%
5340	Fuel	182,896	220,465	180,060	200,660	20,600	11.4%
5350	Bldg. & Grounds Maint.	314,241	373,392	389,512	409,420	19,908	5.1%
5360	Scheduled Maint.	408,397	436,797	552,539	667,427	114,888	20.8%
5380	Repair & Replacement	907,548	1,106,681	1,230,499	1,427,198	196,699	16.0%
5390	Utility Location	26,627	33,867	28,050	37,050	9,000	32.1%
5400	General Property	42,227	85,696	164,906	164,270	(636)	-0.4%
5410	Electrical Power	3,943,125	4,340,039	4,930,697	4,725,415	(205,282)	-4.2%
5420	Heat	185,336	175,269	169,611	178,823	9,212	5.4%
5430	Sewer	30,555	34,641	35,951	35,467	(484)	-1.3%
5440	Water	35,916	46,492	51,198	51,678	480	0.9%
5450	Phone & Telemetry	26,600	23,691	24,648	25,080	432	1.8%
5530	Lease	49,933	44,060	45,576	40,326	(5,250)	-11.5%
5670	Conservation Programs	1,104,592	1,552,803	1,567,873	3,060,030	1,492,157	95.2%
5710	Chemicals	1,452,843	2,273,183	2,780,169	3,171,672	391,503	14.1%
5720	Lab	133,956	141,622	174,961	190,180	15,219	8.7%
5750	Water Qual. - Field	1,892	3,074	15,670	15,120	(550)	-3.5%
5770	Water Qual. - Analysis	232,240	437,495	416,868	480,741	63,873	15.3%
5810	Water Purchases	16,390,693	17,396,814	17,402,067	18,194,022	791,955	4.6%
5820	Water stock assess.	1,181,270	1,210,934	1,213,717	1,255,865	42,148	3.5%
Total Expenses		\$ 47,998,982	\$ 53,225,066	\$ 55,552,984	\$ 59,725,718	\$ 4,172,734	7.5%



OPERATING FUNDS - CASH FLOW PROJECTIONS

	Revenue Fund	Operation & Maintenance Fund	General Equipment Fund
Beginning Balance July 1, 2023	\$13,000,000	\$13,500,000	\$350,000
SOURCES OF FUNDS:			
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
Total Sources	72,280,565	57,514,400	1,122,500
USES OF FUNDS:			
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)		
Total Uses	(73,998,110)	(59,725,718)	(1,423,000)
Ending Balance June 30, 2024	\$11,282,455	\$11,288,682	\$49,500



CAPITAL FUNDS - CASH FLOW PROJECTIONS

	Capital Projects Fund	Replacement Reserve Fund	Development Fee Fund
Beginning Balance July 1, 2023	\$11,000,000	\$10,600,000	\$200,000
SOURCES OF FUNDS:			
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
Total Sources	52,771,892	18,213,298	527,976
USES OF FUNDS:			
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)
Total Uses	(52,777,674)	(19,600,000)	(727,976)
Ending Balance June 30, 2024	\$10,994,218	\$9,213,298	\$0



RESERVE FUNDS - CASH FLOW PROJECTIONS

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

REVENUE STABILIZATION FUND TRANSFER FOR JULY 1, 2023

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

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

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

³Transfer 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

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



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
GRAMA REQUEST FEES		
Copies:		
Paper (per sheet)	\$ 0.25	\$ 0.25
Audio tape (per tape)	20.00	Remove
Compact Disc (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
COMMUTING VALUATION FEE		
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	1.50
ENCROACHMENT FEES		
Processing fee for the following easement encroachment applications:	300.00	300.00
Southwest Aqueduct Reaches 1 & 2		
150th South Pipeline		
134th South Pipeline		
5600 West Pipeline		
Central Pipeline		
Wasatch Front Regional Pipeline right-of-way		
JORDAN AQUEDUCT LICENSE AGREEMENT FEES		
Processing fee for all Jordan Aqueduct easement encroachments:		
District fee	150.00	150.00
U.S. Bureau of Reclamation fee	100.00	100.00

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

	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 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
TEMPORARY CONNECTIONS		
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
LINE EXTENSION		
Cost of extending facilities	Applicant pays all exp.	Applicant pays all exp.
Deposit from applicant	2% of cost	2% of cost
UPGRADING CONNECTION SIZE (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
PAST DUE INTEREST FEES		
Interest charged on past due balance	18%	18%
COLLECTION CHARGE FOR PAST DUE SERVICE FEES	20.00	20.00
SERVICE CHARGE FOR DISHONORED CHECKS	20.00	20.00
SERVICE RESTORATION FEE	50.00	75.00
DAMAGE TO EXISTING CONNECTION		
Fee plus cost of labor and materials to replace	50.00	75.00
UNAUTHORIZED USE OF SERVICES CHARGE		
Fee plus water usage	100.00	200.00
WATER-EFFICIENT LANDSCAPING PERFORMANCE BOND		
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

Total Sources **\$ 1,122,500**

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%
Total Uses		\$ 903,100	\$ 1,423,000	\$ 519,900	57.6%

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





GENERAL EQUIPMENT FUND DETAIL

Account	Description	Qty	Unit	Unit Price	Total Amount
<u>140 6010</u>	<u>Conservation Assets</u>				
	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
					<u>\$ 625,000</u> *
<u>190 6010</u>	<u>IS Equipment</u>				
	Network servers	2	EA	\$ 31,000	\$ 62,000
	Storage server	1	LS	49,000	49,000
					<u>\$ 111,000</u>
<u>192 6010</u>	<u>Office Equipment</u>				
					\$ -
					<u>\$ -</u>
<u>194 6010</u>	<u>Telemetry Equipment</u>				
	Circuit board replacement on drive for P2 and P3	2	EA	17,000	34,000
	SWG WTP variable frequency drive upgrade for P2	1	LS	30,000	30,000
					<u>\$ 64,000</u>
<u>196 6010</u>	<u>General Equipment</u>				
	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
					<u>\$ 97,000</u>
<u>198 6010</u>	<u>New Vehicles</u>				
	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
					<u>\$ 526,000</u>
Total General Equipment Fund Purchases					<u>\$ 1,423,000</u>

* Fundraising donations will be applied to garden exhibits.



DEBT SERVICE SCHEDULE & LONG-TERM DEBT SUMMARY

Debt Service Payment Due:				October 1, 2023		April 1, 2024		Total
	<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
								-
TOTAL			\$275,431,000	\$ 12,312,000	\$ 5,882,175	\$ -	\$ 7,211,500	\$ 25,405,675
				\$18,194,175		\$7,211,500		

* 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

CP1 Category: Major rehabilitation or replacement of existing facilities.

Example Projects: Distribution pipeline replacement, transmission vault restoration, storage reservoir rehabilitation, JVWTP sedimentation basins equip. replacement, flocculator equip. replacement, and normal extraordinary replacement activities.

\$ 19,600,000

(1,271,428) *

\$ 18,328,572

CP2 Category: New facilities needed for compliance or functional upgrades, but provide no new system capacity.

Example Projects: JVWTP floc/sed basins seismic upgrade and increase capacity and upgrades, vehicle/water trailer storage buildings, Willowcreek retail storage/booster/transmission upgrades, and site modifications.

19,663,300

(9,218,214) *

10,445,086

CP3 Category: New water supply, treatment, conveyance, or storage facilities which provide new system capacity.

Example Projects: 10200 S. 3600 W. new booster pump station, 5200 W. 6200 S. and U-111 12200 S. new storage reservoirs, JVWTP expansion from 180MGD to 255MGD, new wells and groundwater development.

33,192,350

(1,400,000) *

31,792,350

CP4 Category: Projects to serve lands currently outside current District boundaries.

Example Projects: WFRP right-of-way acquisition

650,000

- *

650,000

TOTAL OF ALL CATEGORIES (GROSS)

\$ 73,105,650

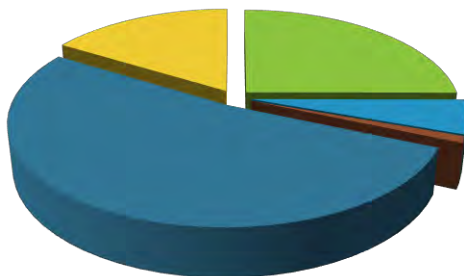
***amounts shown in red are reimbursements (MWDSLs, grants, etc.)**

\$(11,889,642)

TOTAL OF ALL CATEGORIES (NET)

\$ 61,216,008

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%
	<u>\$ 73,105,650</u>	<u>100.0%</u>

SUMMARY OF CAPITAL PROJECT EXPENDITURES BUDGET

CAPITAL PROJECT EXPENDITURES

Gross Total \$73,105,650

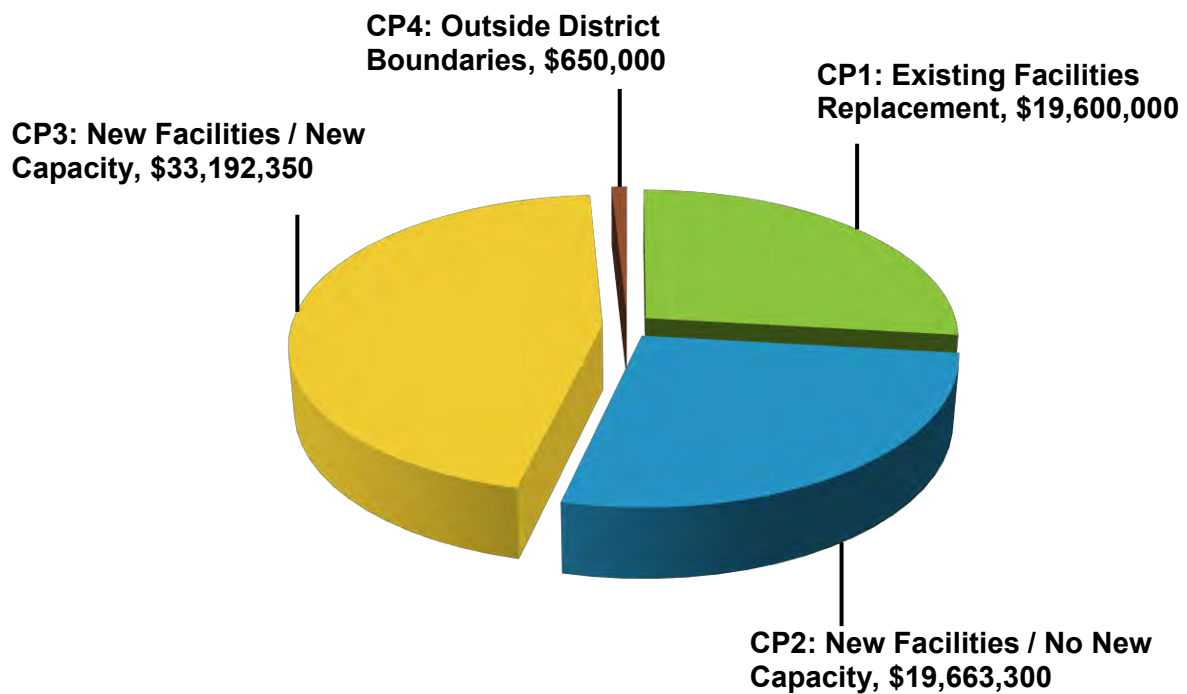


EXHIBIT 2



JORDAN VALLEY WATER CONSERVANCY DISTRICT

2023/2024 **TENTATIVE** Water Rates Summary

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

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

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

METER SIZE	METER BASE CHARGE (MONTHLY)			
4"	\$25.00	\$25.00	\$0.00	0.0%
6"	50.00	50.00	0.00	0.0%
8"	78.00	78.00	0.00	0.0%
10"	114.00	114.00	0.00	0.0%
12"	168.00	168.00	0.00	0.0%
14"	228.00	228.00	0.00	0.0%
16"	300.00	300.00	0.00	0.0%
18"	378.00	378.00	0.00	0.0%
20"	462.00	462.00	0.00	0.0%
24"	672.00	672.00	0.00	0.0%
30"	1,050.00	1,050.00	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	\$1.70	\$0.12	7.6%
	Tier 2	2.38	2.56	0.18	7.6%
	Tier 3	3.57	3.84	0.27	7.6%
	Tier 4	4.39	4.71	0.32	7.3%
Zone C South *	Tier 1	1.76	1.87	0.11	6.2%
	Tier 2	2.56	2.73	0.17	6.6%
	Tier 3	3.75	4.01	0.26	6.9%
	Tier 4	4.57	4.88	0.31	6.8%
Casto/Upper Willow Crk ‡	Tier 1	2.14	2.38	0.24	11.2%
	Tier 2	2.94	3.24	0.30	10.2%
	Tier 3	4.13	4.52	0.39	9.4%
	Tier 4	4.95	5.39	0.44	8.9%
Fireline Charges (Annual)	2"	\$5.00	\$5.81	\$0.81	16.2%
	4"	30.94	35.97	5.03	16.3%
	6"	89.89	104.48	14.59	16.2%
	8"	191.55	222.64	31.09	16.2%
	10"	344.48	400.39	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	\$3.00	\$0.00	0.0%
3/4"	1-9	10-23	24-53	54+	3.00	3.00	0.00	0.0%
1"	1-18	19-46	47-106	107+	4.00	4.00	0.00	0.0%
1-1/2"	1-36	37-92	93-212	213+	5.00	5.00	0.00	0.0%
2"	1-58	59-147	148-339	340+	8.00	8.00	0.00	0.0%
3"	1-140	141-359	360-827	828+	15.00	15.00	0.00	0.0%
4"	1-257	258-658	659-1516	1517+	25.00	25.00	0.00	0.0%
6"	1-515	516-1316	1317-3032	3033+	50.00	50.00	0.00	0.0%
8"	1-1024	1025-2617	2618-6031	6032+	78.00	78.00	0.00	0.0%

ENGINEERING ACTIVITIES

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT
FOR 2023 VAULT IMPROVEMENT PROJECT**

April 12, 2023

Project: 2023 Vault Improvement Project

Project Number: 4241

Budget: \$1,230,000 in 2022/2023 Budget.

Cost Sharing: None

Bids were received from:

Bidder	Bid Amount
<i>Engineer's Estimate</i>	<i>\$1,200,000 – \$1,600,000</i>
VanCon, Inc.	\$893,500
Noland & Son Construction	\$1,140,154

Award of Construction Contract Recommended to:

VanCon, Inc.

Total Authorization Amount (Approval Requested):

\$893,500

Summary: JWVCD staff have 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. Six of the vaults are located along the 4500 South pipeline in Millcreek and Taylorsville, and one vault on the 5600 West pipeline in Herriman. 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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT
FOR 4670 SOUTH 1590 EAST WELL REHABILITATION**

April 12, 2023

Project: 1590 East Well Development

Project Number: 4281

Budget: \$150,000 in 2022/2023 Budget, and \$300,000 in the 10-year Capital Projects Plan.

Cost Sharing: None

Bids were received from:

Bidder	Bid Amount
<i>Engineer's Estimate</i>	<i>\$185,000– \$225,000</i>
Widdison Well Services, LLC	\$289,700
Nickerson Company, Inc.	\$307,177

Award of Construction Contract Recommended to: Widdison Well Services, LLC

Total Authorization Amount (Approval Requested): \$289,700

Summary: The 1590 East well has experienced several problems during its most recent operations including turbidity spiking and overheating. In addition, a recent well condition analysis indicated this well was due for redevelopment. The motor has already been removed for repairs. While the motor repairs occur, this project will remove and inspect the pump and chemically and mechanically redevelop this well to help boost future performance.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD CONSTRUCTION CONTRACTS FOR
3300 SOUTH PIPELINE REPLACEMENT – PHASE 2**

April 12, 2023

Project: 3300 South Pipeline Replacement – Phase II

Project Number: 4190

Budget: \$2,500,000 in 2022/2023 Capital Projects Budget, and \$7,570,000 in the 10-year Capital Projects Plan.

Cost Sharing: N/A

Bids were received from:

Bidder	Schedule A Amount	Schedule B Amount	Schedule C Amount
<i>Engineer's Estimate</i>	<i>\$1,300,000 - \$1,620,000</i>	<i>\$1,870,000 - \$2,340,000</i>	<i>\$3,300,000 - \$4,130,000</i>
VanCon, Inc.	\$1,765,300	\$2,830,650	\$4,669,125
Beck Construction	No Bid	\$2,637,250	\$4,277,105

Construction Contract for Schedule A Recommended to: VanCon, Inc.

Authorization Amount for Schedule A (Approval Requested): \$1,765,300

Construction Contract for Schedules B & C Recommended to: Beck Construction

Authorization Amount for Schedules B & C (Approval Requested): \$6,914,355

Summary: The 3300 South pipeline is an aging cast iron pipe which was installed in 1956 and runs from 1100 West to State Street. This pipeline has frequent breaks and requires replacement. The project will replace this pipeline in two construction phases. Phase I is being administered under a separate construction contract awarded in August of 2022 and replaces the pipeline from 1100 West to 500 West.

Phase II consists of the installation of a 12-inch pipeline along 3300 South from 500 West to State Street. The pipeline installation will include open-cut and trenchless installation methods to cross Interstate 15 and railway corridors. The project will also include connection of service lines, installation of new fire hydrants and valves, and miscellaneous surface improvements.

REPORTING ITEMS

JORDAN VALLEY WATER CONSERVANCY DISTRICT

VERIFICATION OF COMPLIANCE WITH SELECTED LEGAL REQUIREMENTS
AND INTERNAL DISTRICT PRACTICES*

April 12, 2023

Jordan Valley Water Conservancy District complies with the following Utah laws, among others:

- | | |
|--|--|
| 1. Annual submission of Tentative Budget to Requesting Member Agencies
(§17B-1-702 UCA (1953)) | Date completed: April 28, 2022
Scheduled for: April 2023 |
| 2. Annual Certification and Filing of Budget with State Auditor (§17B-1-614(2) UCA (1953)) | Date completed: August 19, 2022
Scheduled for: August 2023 |
| 3. Annual Filing of Impact Fees Report with State Auditor (§11-36a-601(4)(d) UCA (1953)) | Date completed: December 7, 2022
Scheduled for: December 2023 |
| 4. Annual Filing of Financial Statements with State Auditor (§51-2a-202(1) UCA (1953)) | Date completed: December 6, 2022
Scheduled for: December 2023 |
| 5. Annual submission of Audit Report to Member Agencies
(§17B-1-703 UCA (1953)) | Date completed: December 5, 2022
Scheduled for: December 2023 |
| 6. Participation in Utah Public Finance Website
<transparent.utah.gov>
(§67-3-12 UCA (1953)) | Date completed: September 15, 2022
Scheduled for: July 31, 2023 |
| • Salaries/Benefits | |
| • Revenues/Expenditures | Date completed: January 10, 2023
Scheduled quarterly for: January 31, April 30, July 31, and October 31 |
| 7. Proper Notice of Public Meetings
(§52-4-202 UCA (1953)) | Date completed: On-going |
| 8. Board member contact information (name, phone number, and email address) posted on the Utah Public Notice Website
(§17B-1-303(9) UCA (1953)) | Date completed: On-going
Last edited: June 6, 2022 |
| 9. Annual review of personnel policies
(§17B-1-802 UCA (1953)) | Date completed: June 29, 2022
Scheduled for: April 2023 |
| 10. Filing of Qualified Capital Asset Report with Division of Water Resources
(§17B-2a-1010 UCA (1953)) | Date completed: December 28, 2022
Scheduled for: December 2027 |

* This practice was recommended by the Office of the Legislative Auditor General in its Report, "A Review of Best Practices for Internal Control of Limited Purpose Entities, June 2017." To be reported to the Board in January, April, July, and October.

11. Semi-annual Report to State Money Management Council (§51-7-15 (3) UCA (1953))	Date completed: July 8, 2022 Scheduled for: July 2023
12. File statement with Division of Corporations re: receipt of notice of claim (§63G-7-401(5))	Date completed: March 1, 2023 Scheduled for: January 2024
13. File Jordan Valley Water Conservancy District with Registry of Lieutenant Governor (§17B-1-103)	Date completed: May 10, 2022 Scheduled for: June 2023
14. File Jordan Valley Conservation Gardens Foundation with Registry of Lieutenant Governor (§17B-1-103)	Date completed: October 26, 2022 Scheduled for: October 2023
15. Disclosure regarding responsibility of homeowner to repair retail water line (§11-8-4 UCA (Supp. 2017))	Date completed: September 20, 2018 Scheduled for: On-going
16. Water Use Report (§§73-5-4 and -8 UCA; R309-105-15)	Date completed: March 30, 2023 Scheduled for: March 2024
17. Fee Appeal Process (§§17B-1-121(1)(c)(i))	Date completed: On-going
18. Imposing/Increasing Fee – Public Hearing (§§17B-1-643)	Date completed: On-going Last held: June 8, 2022
19. Copies of “Robert’s Rules of Order” (§17B-1-310(3)(b)(iii))	Date completed: On-going

Jordan Valley Water Conservancy District complies with the following internal practices, among others:

A. Annual Loss Report	Date completed: September 14, 2022 Scheduled for: September 2023
B. Annual Trustee Training <ul style="list-style-type: none"> • Open and Public Meetings Act (§§52-4-101 et seq.) • Utah Public Officers’ and Employees’ Ethics Act (§§67-16-1 et seq.) 	Date completed: March 6, 2023 Scheduled for: March 2024
C. Annual Employee Training <ul style="list-style-type: none"> • Sexual Harassment (2.4 Personnel Rules and Regulations) 	Date completed: November 16, 2022 Scheduled for: November 2023

<ul style="list-style-type: none"> • Tuition Assistance Program (6.3(c), Personnel Rules and Regulations) • Fraud Awareness Training (12.2(3)(L), Personnel Rules and Regulations) 	
D. Annual certification by the Board of understanding and compliance with the Public Officers' and Employees' Ethics Act (§67-16-1 et seq. UCA (1953)), pursuant to Chapter 9.2, Administrative Policy and Procedures Manual	Date completed: March 6, 2023 Scheduled for: March 2024
E. Conflict of Interest Annual Certification (Trustees, Officers, General Manager, Assistant General Manager, General Counsel)	Scheduled for: March 2024
F. Annual Water Audit	Date completed: March 3, 2023 Scheduled for: March 2024
G. Employee Performance Evaluations	Date completed: On-going
H. Hotline	Date completed: On-going
I. Internal Audit	Date completed: On-going
J. Annual Filing of Fraud Risk Assessment with State Auditor (Auditor Alert 2020-2021)	Date completed: December 7, 2022 Scheduled for: December 2023

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**REPORT ON FACILITIES RENTAL AGREEMENTS
SIGNED BY THE GENERAL MANAGER**

April 12, 2023

Rental Agreement

Education Center

Event Type:

Retreat

Rental Terms:

\$480.00

Rental Location:

Pinyon Pine Room

Renting Party:

Environmental Epidemiology Program, Utah
Department of Health

Date of Event:

March 31, 2023

Rental Agreement

Education Center

Event Type:

Retreat

Rental Terms:

\$364.00

Rental Location:

Mountain Mahogany Room

Renting Party:

South Valley Chamber of Commerce

Date of Event:

April 20, 2023

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**REPORT ON EASEMENT ENCROACHMENT AGREEMENTS
SIGNED BY THE GENERAL MANAGER**

April 12, 2023

Encroachment Agreement

Southwest Aqueduct Easement

Easement Number: 2002CI067A

Encroachment Location: Approximately 11400 South 3200 West, South Jordan

Encroachment Party: Google Fiber Utah, LLC

Encroachment Type: Three (3) two-inch (2") HDPE conduits for fiber

Summary: This encroachment agreement allowed Google to install fiber conduits across JVCWD's Southwest Aqueduct Easement

Encroachment Agreement

Southwest Aqueduct Easement

Easement Number: 95CI103A_14_15

Encroachment Location: Approximately 13400 South 3200 West, Riverton

Encroachment Party: Google Fiber Utah, LLC

Encroachment Type: Two (2) two-inch (2") HDPE conduits for fiber

Summary: This encroachment agreement allowed Google to install fiber conduits across JVCWD's Southwest Aqueduct Easement

Encroachment Agreement**Southwest Aqueduct Easement**

Easement Number:

95CI103_25

Encroachment Location:

Approximately 12600 South 3200 West, Riverton

Encroachment Party:

Teleport Communications America, LLC

Encroachment Type:

One (1) fiber optic cable installed by aerial construction

Summary:

This encroachment agreement allowed Teleport Communications America (TCA) to install a suspended fiber line across JWCD's Southwest Aqueduct Easement

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**REPORT ON LEASE AGREEMENTS
SIGNED BY THE GENERAL MANAGER**

April 12, 2023

Lease Agreement

Lease

Lease Terms: 5 years - \$18,000/year

Property Location: 3628 West 500 South, Salt Lake City, UT

Leasing Party: KMB Brothers, LLC

Summary: This Lease Agreement is for a vacant parcel of land purchased and owned by JVWCD for the future construction of the Wasatch Front Regional Pipeline and allows the Lessee to operate a trucking business on the property.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

ATTRIBUTES FOR AN EFFECTIVELY MANAGED DISTRICT

February 2023 Performance Indicators

Details for each indicator can be seen on the attached pages

1. Product Quality

- Drinking water compliance rate
- Perceived/aesthetic water quality

2. Water Resource Adequacy

- Source water quality management
- Short-term water supply adequacy (annual)
- Short-term water source capacity
- Long-term water supply adequacy (annual)
- Water demand management (annual)

3. Customer Satisfaction

- Customer Response System

4. Infrastructure Stability

- Pipeline breaks (12-month running total)
- On-time maintenance (% of time)

5. Long-term Financial Viability

- Repair & replacement funding from rate revenue (annual)
- Debt service coverage (annual)
- Long-term debt to equity (annual)

6. Employee & Leadership Development

- Employee Training Hours (12-month rolling average)

7. Operational Resiliency

- Workforce Resiliency (reportable injuries & illnesses)
- Employee safety & business risk management (vehicle & equipment incidents)
- Emergency Response Preparedness
- Power Resiliency

8. Operational Optimization

- Water quality improvements beyond regulatory standards (12-month rolling average)
- Non-revenue water management
- Efficient use of electricity*

9. Community Sustainability

- Centralized conjunctive management of groundwater and surface water

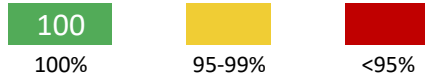
10. Stakeholder Understanding & Support

- Media/press coverage tone
- Member Agency survey
- Employee survey
- Retail customer survey

*The current model used to determine efficient use of electricity requires significant modifications to account for changes in member agency demand patterns requiring more booster pump operation. Staff plans to reevaluate this KPI during the Strategic Planning effort and recommends suspending the monthly report of this KPI until the new KPI is developed.

1. Product Quality

Drinking Water Compliance Rate (%)

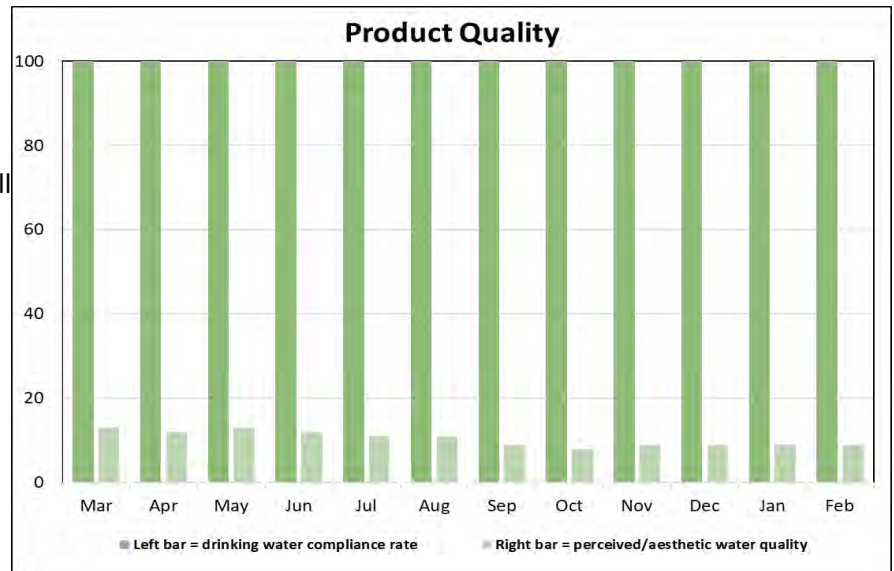


District compliance with all drinking water regulations: (100 x # of days in full compliance for the year) / 365 days.

Perceived/aesthetic water quality



Number of calls from retail and wholesale customers concerned about water quality, calculated as a rolling 12-month average.



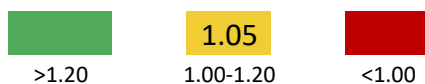
2. Water Resource Adequacy

Source water quality management



Does the District have a current source water protection plan? Is it current? G = Yes to both; Y = Yes, but it isn't current; R = No to both

Short-term water supply adequacy (annual)



Projected current and subsequent years' water supply ÷ current and subsequent years' contract purchase amounts (in AF/year).

Short-term water source capacity



Current and subsequent calendar years' water source capacities ÷ the current and subsequent calendar years' projected peak demands (in cfs).

Long-term water supply adequacy (annual)



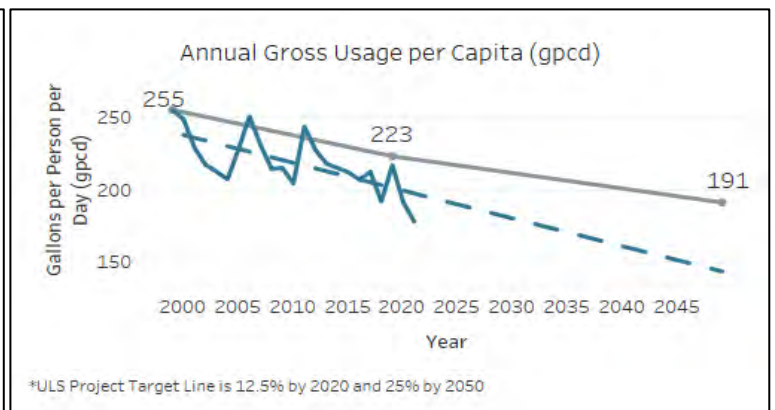
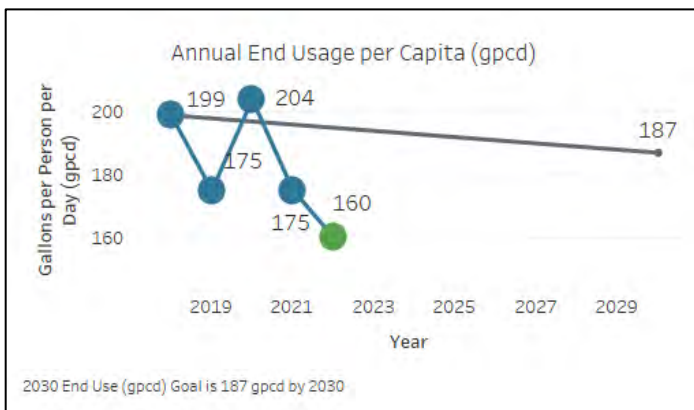
Total developed and contracted drought year water supply ÷ the projected demand in 15 years (based on conservation goal for per capita use that year).

2. Water Resource Adequacy (continued)

Water demand management (annual)



District-wide per capita water use measured in gallons per capita per day (gpcd): G = actual end use gpcd is at or below goal line; Y = actual end use gpcd is above goal line; R = the gross use gpcd best fit line since the year 2000 is above the ULS Project Target Line



3. Customer Satisfaction

Customer response system (% , 12-month rolling average)



Customer calls relating to critical service issues (pressure, water quality, leaks, service disruptions, security, and other critical service issues).

Customer calls must be responded to within a 2-hour limit.

G=>95% 2-hr response rate, Y=90%-94% response rate, R=<90% response rate

4. Infrastructure Stability

Pipeline breaks per year (12-month running total)



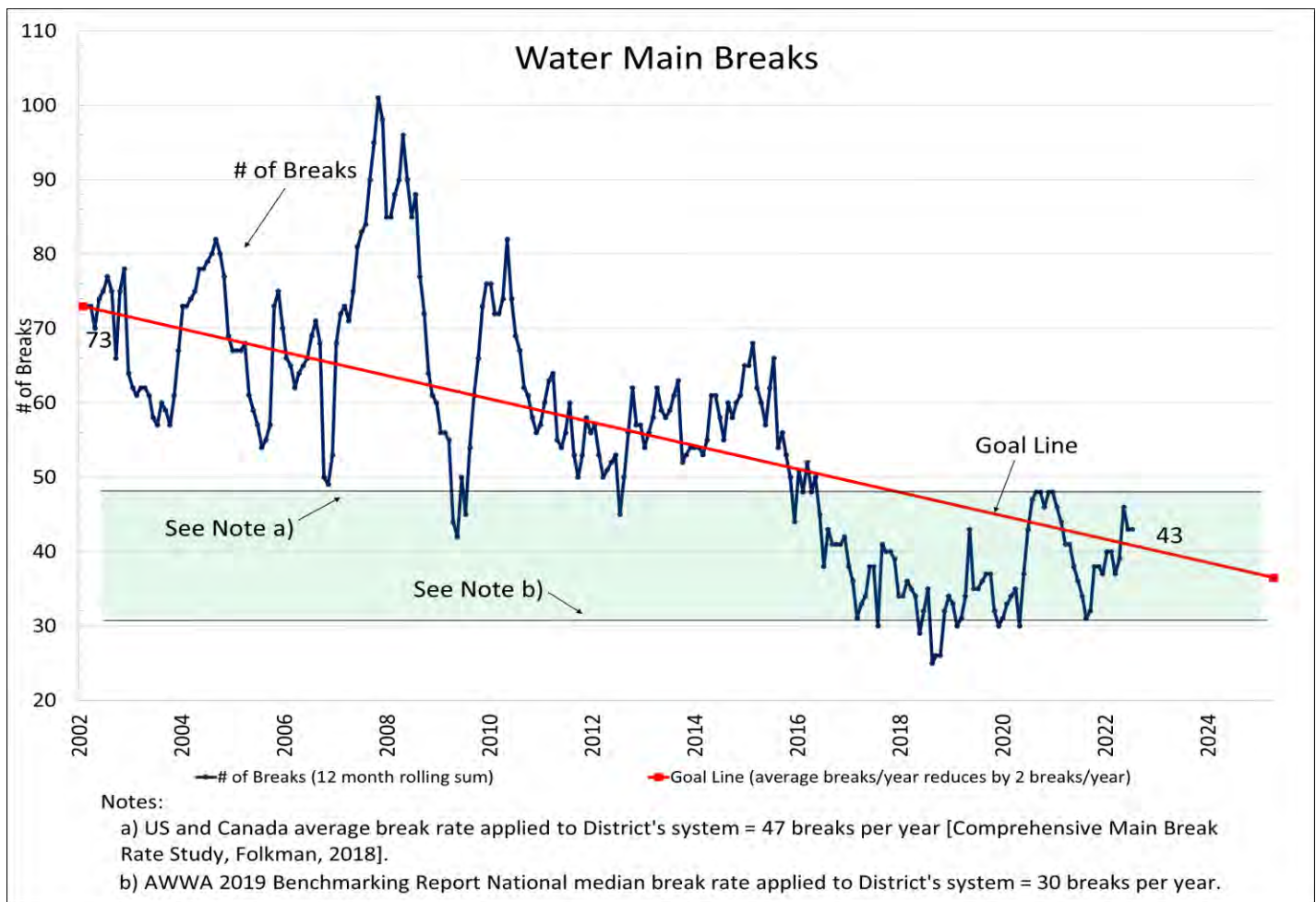
43



Pipeline breaks are defined as a failure of a pipeline or associated fittings which interrupts water service and/or requires repairs.

Maintain, rehabilitate, or replace distribution and transmission pipelines as necessary to keep number of breaks at a manageable level.

G= < goal line; Y= > goal line but < 55 breaks in last year; R= ≥ 55 breaks in last 12 months.



On-time maintenance (% of time, 12-month rolling average)



98.10

≥95



80-94



<80

Follow manufacturer-recommended preventive maintenance programs for all equipment in use throughout the District.

G=95% of work orders completed on time

Y=<90% but >80% work orders completed on time

R=<80% of work orders completed on time.

5. Long-term Financial Viability

Repair and Replacement funding from rate revenue (% annual)

101

>100%

80-100%

<80%

To ensure a sustainable, ongoing source of funding to repair and replace capital assets, 100% of R&R shall be funded with rate revenue.

Debt service coverage (annual)

1.60

>1.30

1.10-1.30

<1.10

Bond covenant is 1.00; our "healthy" range is anything greater than 1.30.

Long-term debt to equity (annual)

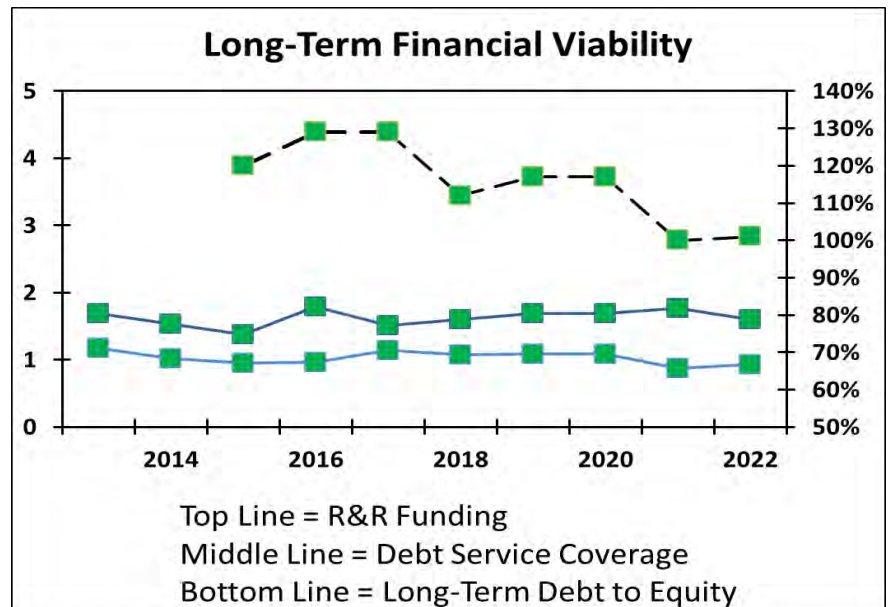
0.93

<1.20

1.20-1.40

>1.40

To ensure the District's debt doesn't increase too quickly, this ratio should be less than 1.20.



6. Employee & Leadership Development

Employee training hours (12-month rolling average)

40.94

≥40

25-39

<25

Training hours listed as an average number of hours per employee per year.

G=≥40 hours average per employee

Y=25-39 hours average per employee

R=<24 hours average per employee

7. Operational Resiliency

Workforce resiliency (reportable injuries & illnesses)

2.60

<5.7



5.7-8.0



>8.0

(Number of reportable injuries and illnesses x 200,000) ÷ # of employee hours worked; 12-month rolling average

Employee safety and business risk management (vehicle & equipment incident rate)

1.50

<1.80



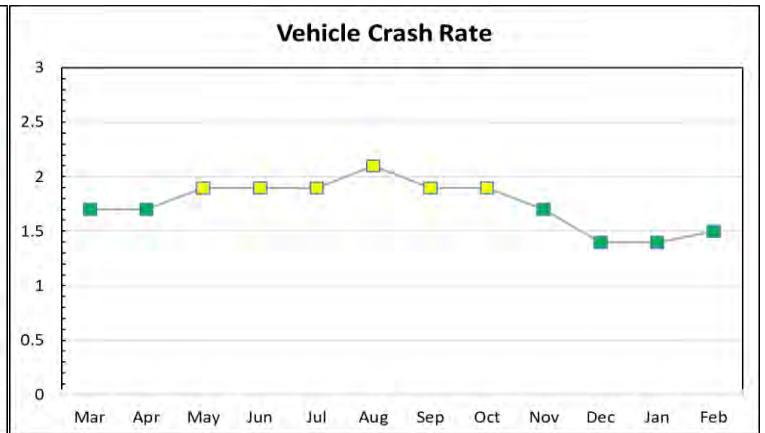
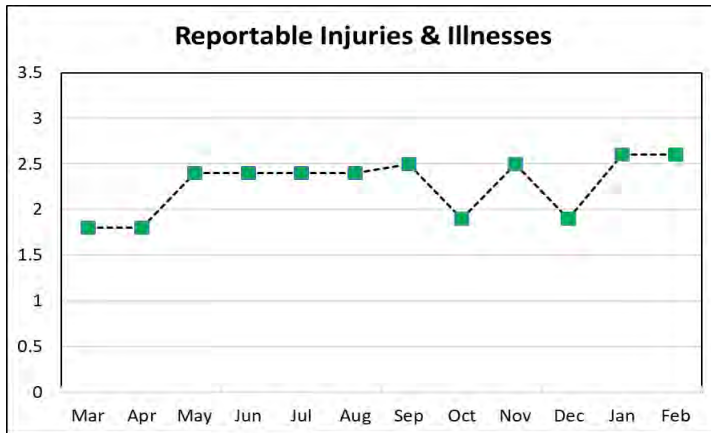
1.80-2.30



>2.30

(Number of vehicle & equipment incidents x 100,000) ÷ # of miles driven; 12-month rolling average.

- 9 of the 9 incidents were allegedly caused by District employees.



Emergency response preparedness

X

Both



1



Neither

1. Has the District's Emergency Response Plan (ERP) and Continuity of Operations Plan (COOP) been updated within the last 12 months?
2. Have all District employees been given the opportunity of three training sessions per year on emergency response procedures as outlined in the ERP and COOP?

Power resiliency

X

Yes



No

Does the District have stand-by electric power to meet indoor water demands?

8. Operational Optimization

Water quality improvements beyond regulatory standards (12-month rolling average)

90.38
>80%

60-79%

<60%

District achievement of stringent, self-imposed water quality goals resulting from treatment and distribution system optimization. (100 x # of days goals are met)/365 days.

Non-revenue water management

2.47
<5.00

5.00-8.00

>8.00

Non-revenue water includes apparent losses in the system and is based on a 36-month rolling average.

Efficient use of electricity

<100%

100-105%

>105%

Calculated energy use compared to energy use predicted by Rocky Mountain Power (RMP) model

**The current model used to determine efficient use of electricity requires significant modifications to account for changes in member agency demand patterns requiring more booster pump operation. Staff plans to reevaluate this KPI during the Strategic Planning effort and recommends suspending the monthly report of this KPI until the new KPI is developed.*

G=calculated energy use is <100% of energy use predicted by RMP model

Y=calculated energy use is between 100% and 105% of energy use predicted by RMP model

R=calculated energy use is >105% of energy use predicted by RMP model

9. Community Sustainability

Centralized conjunctive management of groundwater and surface water

X
3 yes

2 yes

<2 yes

G = 3 "yes" answers; Y = 2 "yes" answers; R = <2 "yes" answers

X
Yes

No

Annual Water Supply Plan (Does the District have an annual water supply plan in place?)

X
Yes

No

Conjunctive management meetings (Have the operating departments met quarterly to review the water supply plan and discuss water supply availability, concerns, and issues?)

X
Yes

No

Adjusted Water Supply Plan (Is the plan being revised or adjusted as necessary to optimize the District's conjunctive use of GW, stored SW, and unstored SW supplies?)

10. Stakeholder Understanding & Support*

Media/press coverage tone



0



1



>1

G = all positive/neutral tone; Y = 1 with negative tone; R = more than 1 with negative tone



Yes



No

Member Agency survey (Has a member agency survey been administered in the past 3 years?)



Yes



No

Employee survey (Has an employee survey been administered in the past 2-3 years?)



Yes



No

Retail customer survey (Has a retail customer survey been administered in the past 5 years?)

*Media/press coverage tone is for the most current month

CAPITAL PROJECTS

MARCH 2023

Final Project Completion Report

Project Name and Number: 2022 Vault Improvement Project, #4205

Description: This project consisted of rehabilitation of four existing vaults and abandonment of three vaults associated with the Creek Road pipeline, 1300 East pipeline, and 11400 South pipeline. The vault piping and valves were suffering from heavy corrosion and required replacement or abandonment.

District Project Manager: Kevin Rubow

Engineer:	Hansen, Allen & Luce	Design Status: 100%
Original Engineering Contract Amount:		\$339,747
Final Engineering Contract Amount:		\$339,747

Contractor:	VanCon, Inc.	Construction Status: 100%
Original construction contract amount:		\$1,870,000
Total Change Order amount:		-\$71,058
Final construction contract amount:		\$1,798,942
Total change orders as a percentage of original contract:		-3.8%
Completion Schedule:		
	Notice to Proceed:	11/1/2021
	Final Completion:	2/23/2023

Summary of Change Orders:		
	Description	Amount
1	Abandonment of 16" pipeline at 6170 S 3200 W and removal of concrete vault lid at 7900 S 1300 E.	\$28,646
2	Piping modifications at 1700 E 8600 S.	\$11,153
3	Reconcile quantities due to change in scope of work from rebuilding meter vault to abandonment at 2250 E 11700 S.	-\$110,857
	Total Change Order Amount:	-\$71,058

Final Project Completion Report



Field welding 16-inch flange



Coated vault piping at 2200 West 6200 South



Installation of 16-inch piping
at 7940 South 1300 East



Vault refurbishment at
2200 West 6200 South



Vault abandonment at 2520 East 11700 South



New piping and valves at 1300 East 8600 South

Final Project Completion Report

Project Name and Number: Point of the Mountain Actuator Replacements, #4221

Description: Replaced four actuators at the Point of the Mountain Flow Control Structure. The existing actuators were original equipment to the flow control structure, were no longer supported by the manufacturer, and were experiencing failure due to age. The new actuators have status and control features which allow remote operation of the valves.

District Project Manager: Travis Christensen

Engineer: JWCD Staff	Design Status: 100%
Original Engineering Contract Amount:	\$0
Final Engineering Contract Amount:	\$0

Contractor: Corrio Construction	Construction Status: 100%
Original construction contract amount:	\$100,930
Total Change Order amount:	\$0
Final construction contract amount:	\$100,930
Total change orders as a percentage of original contract:	0.0%
Completion Schedule:	
Notice to Proceed:	6/21/2021
Final Completion:	3/15/2023

Summary of Change Orders:		
	Description	Amount
1		
2		
Total Change Order Amount:		\$0

Final Project Completion Report



Lowering the new actuator into place
at JA-4 flow control structure

New actuator at the
JA-1 standpipe



JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Capital Projects Budget Status Report

Total FY 2022-2023 Capital Projects Budget (Gross):	\$54,294,522
Budgeted Reimbursements:	(\$2,849,432)
Total FY 2022-2023 Capital Projects Budget (Net):	\$51,445,090
Total FY 2022-2023 Capital Projects Expenditures to Date:	\$28,733,183

Total Proceeds from 3/15/2019 Asset Sale Designated in Capital Projects Fund for Water Supply Purchases:	\$5,898,917
Balance After Previously Reported Purchases:	\$3,483,145
Water Supply Purchases (No purchases during this period):	
Remaining Balance:	\$3,483,145

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: JWVTP Filter and Chemical Feed Upgrades, #4289

Project Description: To support growing peak-day demands and enable treatment of the new ULS supply, the District is pursuing an expansion of JWVTP from its current 180 MGD capacity to an ultimate capacity of 255 MGD. This project will design required improvements for upgrades to the filters and chemical feed systems to support a 255 MGD capacity. The 20-year-old filter media will be replaced with new media installed to a deeper depth to accommodate the increased flows. Other tasks for this project include evaluation of and upgrades to the chemical feed systems, predesign evaluation of ozone and potential implementation, and evaluation of alternatives for backwash tank redundancy and potential implementation.

District Project Manager: David McLean

Engineer: Carollo Engineers	Original engineering contract amount:	\$6,224,100
	Design Status: 0%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$6,224,100

Contractor: n/a	Original construction contract amount:	
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: This project was awarded at the March Board meeting. District staff is preparing contract documents prior to holding a kick-off meeting for this project.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: College Street Well Repair, #4281

Project Description: During its last operation, the College Street well began pumping gravel pack which indicates a breach in the well screen or casing. The scope of this project includes: removing the pump and motor, performing a well video log, investigating the cause of the problem, repairing the potential breach, inspecting the well equipment, performing well cleaning, well redevelopment and re-installation of the pump and motor to place the well back into service.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen, & Luce	Original engineering contract amount:	\$17,600
	Design Status: 100%	
	Construction Management Status: 13%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$17,600

Contractor: Rhino Pumps, LLC	Original construction contract amount:	\$139,001
	Construction Status: 13%	
	Substantial Completion Date: 5/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$139,001
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Motor Repairs.	Nickerson Company	\$16,292

Current Status: Contractor is preparing to brush and bail the well. They will then proceed with a second well video and repair work.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
February 11, 2023 - March 10, 2023

Project Name and Number: 11400 South Redwood Road Meter South Jordan Vault Rehabilitation, #4283

Project Description: The meter station serving South Jordan City at the corner of 11400 South and Redwood Road was constructed in 1982 and is experiencing corrosion and age-related wear. This project will rehabilitate the meter vault to ensure its continued reliable operation. The project includes replacing the main piping and related equipment, improving vault ventilation, and sealing the vault access to provide additional protection to the vault in the future. Cost will be shared between JVWCD and the City by a Cost Sharing Agreement.

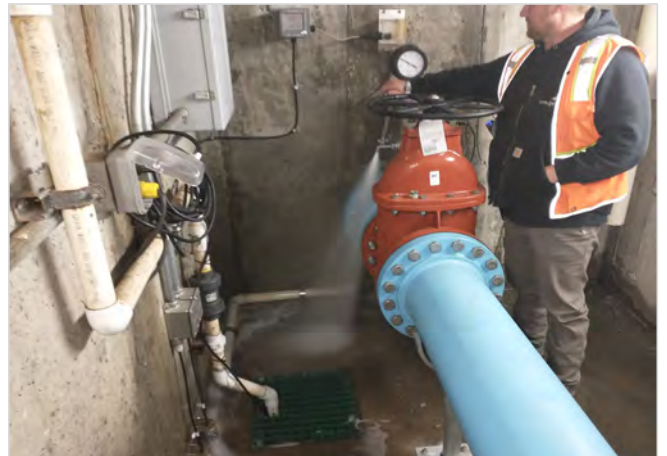
District Project Manager: Conor Tyson

Engineer: JVWCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 97%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$0
Contractor: Corrio Construction	Original construction contract amount:	\$91,561
	Construction Status: 97%	
	Substantial Completion Date: 4/15/2023	
<u>Change orders approved since last report:</u>		
• Replacement fan.		\$477
Current construction contract amount:		\$92,038
Total change orders as a percentage of original contract:		1%
<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Contractor is substantially complete. Piping has been successfully tested. Contractor is working on punch list items for final completion.



Completed vault piping



Flushing the new lines

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Southwest Groundwater Well Improvements, #4213

Project Description: The Southwest Groundwater Deep Well #7 was constructed to extract sulfate contaminated water as part of the aquifer remediation project. This well has highly corrosive water, which has created problems with the well equipment. This project will perform repairs similar to the recent repairs at Deep Well #6 including an improved lubrication system, column pipe and marine bearings to provide longer life to the equipment. The project also includes well re-development to restore well capacity.

District Project Manager: David McLean

Engineer: CRS Engineers	Original engineering contract amount:	\$30,900
	Design Status: 100%	
	Construction Management Status: 35%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$30,900
Contractor: Nickerson Company	Original construction contract amount:	\$393,609
	Construction Status: 35%	
	Substantial Completion Date: 4/6/2023	
<u>Change orders approved since last report:</u>		
• Well Video.		
		\$8,661
Current construction contract amount:		\$402,270
Total change orders as a percentage of original contract:		2%
<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Water quality testing.	Water Systems Engineering Lab	\$10,000

Current Status: Submittals have been approved. Well column piping is being fabricated. Well is scheduled to be back in service in April 2023.



Well column at DW7 being removed for retrofit

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
February 11, 2023 - March 10, 2023

Project Name and Number: JWVTP Blower Room Acoustical Improvements, #4070

Project Description: The filter backwash blowers at the JWVTP were recently replaced after 35 years of service. The new blowers operate at a higher rotational speed and emit more noise than the original blowers. This has resulted in higher sound levels in the JWVTP basement area and water quality laboratory which is located immediately above the blower room. Acoustical improvements including foam insulation on the ceiling and sound doors will be installed to reduce noise from the blowers transmitted to other areas of the plant.

District Project Manager: David McLean

Engineer: Brown and Caldwell		Original engineering contract amount:	\$17,229
		Design Status: 100%	
		Construction Management Status: 15%	
<u>Additional services authorized since last report:</u>			
• n/a			
Current contract amount:			\$28,387
Contractor: VanCon, Inc.		Original construction contract amount:	\$98,400
		Construction Status: 15%	
		Substantial Completion Date: 04/15/2023	
<u>Change orders approved since last report:</u>			
• n/a			
Current construction contract amount:			\$98,400
Total change orders as a percentage of original contract:			0%
<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>	
• n/a			

Current Status: Notice to proceed has been issued and submittals are being reviewed.



Blower silencer to receive
acoustical insulation



Blower wall area to receive foam
acoustical treatment

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Etienne Way and Murray Holladay Road Well Equipping, #4286

Project Description: Equip two high quality groundwater wells located at 2776 East Etienne Way and 2129 East Murray Holladay Road. These wells will provide valuable supply and redundancy for future demands.

District Project Manager: Travis Christensen

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$992,889
	Design Status: 25%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$992,889

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The engineer is working towards 30% project design. JVVCD and consultant staff will meet with Sandy City and City of Holladay to discuss conditional use in the coming month.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Install Pump at Old Bingham Pump Station, #4275

Project Description: The Old Bingham Pump Station provides pressure Zone D service to the growing areas of South Jordan, West Jordan, and Herriman. This project will provide an additional pump to support the growing demands. The project includes the installation of a new pump, motor, electrical equipment, and a maintenance platform at this pump station.

District Project Manager: Conor Tyson

Engineer: JVVCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 7%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$0

Contractor: Nelson Brothers Construction	Original construction contract amount:	\$361,530
	Construction Status: 7%	
	Substantial Completion Date: 9/26/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$361,530
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: All major submittals have been reviewed and approved. Construction is waiting for the arrival of parts, which are expected in the summer.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
February 11, 2023 - March 10, 2023

Project Name and Number: JWVTP Sedimentation Basins 1-2 Seismic and Capacity Upgrades, #4255

Project Description: The original basins at JWVTP (Basins 1-2) were designed and constructed in the early 1970's and have significant seismic vulnerabilities. This project includes demolishing and reconstructing these basins to meet current resiliency goals. Simultaneously, new plate settler technology will be installed increasing per-basin capacity from 23 MGD to 67 MGD to support increasing the JWVTP capacity from 180 MGD to 255 MGD. Design of this project will require approximately 12-18 months. An application for a FEMA grant to support the project in mitigating multiple hazards has been submitted.

District Project Manager: David McLean

Engineer: Hazen and Sawyer	Original engineering contract amount:	\$3,793,948
	Design Status: 55%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$3,793,948

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Consultant is preparing 60% design drawings including architectural drawings for the new building. District is waiting to hear results of its FEMA BRIC grant application prior to bidding construction.



Influent entering JWVTP Basin 1



JWVTP Basin 1 in operation during construction of Basins 3-6 Improvements

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Old Bingham Highway Equipment Storage Building Project, #4014

Project Description: Construction of a new vehicle and equipment storage building at an existing District property located at 6898 West Old Bingham Highway (10200 South) West Jordan, Utah. The project will include a pre-engineered metal building for storage of vehicles and equipment along with associated site work, grading, paving, and site utilities.

District Project Manager: Marcelo Anglade

Engineer: CRSA	Original engineering contract amount:	\$49,377
	Design Status: 100%	
	Construction Management Status: 26%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$53,707

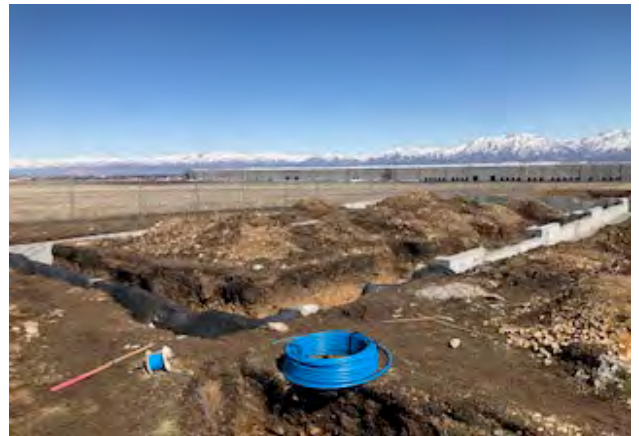
Contractor: Valley Design and Construction	Original construction contract amount:	\$688,938
	Construction Status: 26%	
	Substantial Completion Date: 6/27/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$688,938
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The City of West Jordan approved the minor changes made to the building structure. Submittals have been approved and concrete footings completed.



Delivered building structure



Foundations

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: JWTP High-Rise Boilers Replacement Project, #4279

Project Description: The boilers at Jordan Valley Water Treatment Plant are experiencing frequent failures and require replacement. The existing boilers were installed in 2001 and have a useful life of 15-18 years. This project will provide the supply and installation of two new boilers and associated equipment.

District Project Manager: Marcelo Anglade

Engineer: Heath Engineering	Original engineering contract amount:	\$5,000
	Design Status: 100%	
	Construction Management Status: 77%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$9,500

Equipment Supplier: J. Wilcox Sales Co.	Original equipment supply contract amount:	\$196,881
	Equipment Supply Status: 100%	
	Substantial Completion Date: 11/30/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current equipment supply contract amount:		\$196,881
Total change orders as a percentage of original contract:		0%

Contractor: K.O.H. Mechanical Contractors, Inc.	Original construction contract amount:	\$608,000
	Construction Status: 77%	
	Substantial Completion Date: 1/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$623,629
Total change orders as a percentage of original contract:		3%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The new boilers are operational. Appurtenant items such as new pumps, flue, and valves will be installed when they are delivered to the site in Spring 2023.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 7600 South 700 East and 7800 South 1000 East Well Equipping, #4280

Project Description: Equip two high quality groundwater wells located at 7600 South 700 East and 7800 South 1000 East. These wells will provide valuable peak day capacity and supply reliability for future demands. The District received a USBR WaterSmart Drought Resiliency Project grant for this project which will reimburse approximately 50% of the total costs for this project.

District Project Manager: Kevin Rubow

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$579,351
	Design Status: 67%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$959,969

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The consultant and District staff met with Sandy City to review the proposed development at the 7600 South 700 East well. Based off the City's review, the current development proposal is consistent with the original approvals granted by the City in 2003 and the District does not need to reapply for a Conditional Use Permit to equip the well.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 11800 South Zone C Reservoir, #4276

Project Description: Construct a new 10 million gallon concrete reservoir at 7185 West 11800 South. The new reservoir will provide additional storage for the growing demands within pressure Zone C serving Herriman, Riverton, South Jordan, and West Jordan.

District Project Manager: Kevin Rubow

Engineer: Jacobs	Original engineering contract amount:	\$1,597,529
	Design Status: 28%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,597,529

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Soil management oversight.	Utah Dept. of Environmental Quality - DERR	\$4,950

Current Status: The consultant is preparing a preliminary design report to be delivered by the end of March. The report will summarize the 30% design efforts and identify reservoir sizing, site layout, and method of construction.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 3200 West 6200 South Steel Reservoirs Coating and Repairs, #4271

Project Description: The 2-MG and 8-MG steel reservoirs at 3200 West 6200 South were constructed prior to 1960 and 1968 respectively and require regular re-coating to maintain their integrity. Inspections indicate that the existing coatings have performed well but are now in need of replacement. This project will replace the coating systems and make other minor modifications such as new access ladders and larger access ports.

District Project Manager: Marcelo Anglade

Engineer: Infinity Corrosion Group	Original engineering contract amount:	\$272,960
	Design Status: 99%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$272,960

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Bid Documents have been prepared. The drawings have been submitted to the Division of Drinking Water for review. An award of contract is anticipated at the June Board Meeting.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Distribution Pipeline Replacement 2023, #4270

Project Description: The JVVCD retail distribution system contains multiple areas with cast iron pipelines installed in the 1950's and 1960's. District staff has identified approximately 19,000 linear feet of pipeline located in Murray and Millcreek which is experiencing frequent age-related failures. This project will replace these pipelines with new 8-inch C900 PVC pipelines along with new valves, hydrants, meter setters, and meter boxes. This work will include restoration of the existing roadways disturbed by the project.

District Project Manager: Conor Tyson

Utility Locating: Project Engineering Consultants	Original engineering contract amount:	\$128,656
	Utility Locating: 100%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$128,656

Engineer: JVVCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 2%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		

Contractor: Rolfe Construction, Inc.	Original construction contract amount:	\$1,899,800
	Construction Status: 2%	
	Substantial Completion Date: 5/11/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$1,899,800
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: All major submittals have been reviewed and approved. Construction awaits arrival of parts, which are expected in the summer.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: SERWTP Boilers and Controls Upgrades, #4226

Project Description: The Southeast Regional Water Treatment Plant (SERWTP) boilers and HVAC control system are experiencing age related failures and parts are becoming difficult to replace. This project will replace the boilers, associated ducting, and other appurtenances. The HVAC control system will also be upgraded and be integrated into the District HVAC control system.

District Project Manager: Marcelo Anglade

Engineer: Heath Engineering	Original engineering contract amount:	\$25,350
	Design Status: 100%	
	Construction Management Status: 99%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$25,350

Contractor: K.O.H. Controls, Inc.	Original construction contract amount:	\$206,000
	Construction Status: 99%	
	Substantial Completion Date: 11/15/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$212,233
Total change orders as a percentage of original contract:		3%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The project is substantially complete. The contractor is completing controls integration work with the District Instrumentation Group and preparing for the final walk-through.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 2022 Distribution Pipeline Replacements – Redmaple Area, #4225

Project Description: The pipelines in the Redmaple Road area in Millcreek City are cast iron or asbestos cement pipelines constructed in the 1950's and 1960's. These pipelines have been experiencing high levels of waterline breaks and require replacement. This project will replace these pipelines with new 8-inch C900 PVC pipelines along with new valves, hydrants, meter setters, and meter boxes. This work will include restoration of the existing roadways disturbed by the project.

District Project Manager: Conor Tyson

Engineer: JVVCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 55%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$0

Contractor: Noland & Sons Construction Co.	Original construction contract amount:	\$1,970,932
	Construction Status: 55%	
	Substantial Completion Date: 6/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$2,006,093
Total change orders as a percentage of original contract:		2%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Fee for pipeline easement.	Clinical Innovations, LLC	\$3,000

Current Status: Construction is finished for the winter season. Construction is scheduled to recommence in April.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: JA-3 Cathodic Protection System, #4223

Project Description: The existing JA-3 passive cathodic protection system was originally installed in the 1990's and is now depleted. This system is critical in maintaining corrosion protection of this important asset. In this project, an impressed current cathodic protection system will be installed to replace the existing system. This project will install a deep anode well with a rectifier to create the desired impressed current cathodic protection on this section of the aqueduct.

District Project Manager: Conor Tyson

Engineer: Infinity Corrosion Group	Original engineering contract amount:	\$18,000
	Design Status: 100%	
	Construction Management Status: 77%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$79,650

Contractor: ICORR Technologies Inc.	Original construction contract amount:	\$146,200
	Construction Status: 77%	
	Substantial Completion Date: 6/29/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$146,200
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Rocky Mountain power has applied to install needed transformer on easement. This request is receiving final review prior to approval. Contractor is ready to complete work once approved.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Four Well Redevelopment and Test Pumping Project, #4242

Project Description: Design and construction management for the well redevelopment and test pumping at the 8300 South Etienne Way well, 2129 East Murray Holladay Road well, 987 East 7800 South well, and 7618 South 700 East well.

District Project Manager: Kevin Rubow

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$194,494
	Design Status: 100%	
	Construction Management Status: 35%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$194,494

Contractor: Widdison Turbine Service	Original construction contract amount:	\$1,625,140
	Construction Status: 35%	
	Substantial Completion Date: 4/7/2023	
<u>Change orders approved since last report:</u>		
• Well Redevelopment and Test Pumping		\$48,000
Current construction contract amount:		\$1,721,140
Total change orders as a percentage of original contract:		6%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The contractor completed the mechanical and chemical development at the 987 East 7800 South well and is setting equipment to perform the pump test. The work at the 7618 South 700 East site is complete.



Installing column pipe and test pump

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 2022-23 Vault Improvements, #4241

Project Description: This project will involve rehabilitating seven vaults in the transmission and distribution system, and abandoning two vaults. The vault piping and valves are suffering from heavy corrosion and require replacement or abandonment. Rehabilitation of these vaults will provide greater operational flexibility and extend the reliable service life of these facilities.

District Project Manager: Travis Christensen

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$390,286
	Design Status: 100%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$390,286

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: n/a	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Project is out for bids. An award of construction contract will be reconnected at the April Board Meeting.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 5200 West 6200 South Reservoir, #4231

Project Description: Design and construction of new reservoir at the 5200 West 6200 South Reservoir Site. The site currently includes a 2 million gallon reservoir to support demands in this pressure zone. An additional 4-6 million gallon reservoir is needed to provide redundancy to the existing reservoir and to support growing demands in this pressure zone. The reservoir provides service to the Zone B North pressure zone serving GHID, KID, TBID, MID, Hexcel, West Jordan and South Jordan.

District Project Manager: Travis Christensen

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$940,526
	Design Status: 80%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$940,526

Contractor: n/a	Original construction contract amount:	\$0
	Construction Status: n/a	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$0
Total change orders as a percentage of original contract:		

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The consultant is proceeding with the design of a conventionally reinforced, buried, rectangular reservoir with a capacity of 6.8 million gallons. They have completed the 60% design and are working towards 90% design.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: JVVTP Sedimentation Basins 3-6 Equipment Replacement, #4138/4277

Project Description: This project includes the replacement of chain and flight sludge collection equipment and supply and installation of plate settler sedimentation equipment for JVVTP Basins 3-6. Also included are temporary repairs to the circular sludge collection mechanisms in Basins 1-2. The new equipment is designed to function during the construction of major improvements to Basins 1-2 as well as permanently after the expansion.

District Project Manager: David McLean

Engineer: Brown and Caldwell	Original engineering contract amount:	\$267,164
	Design Status: 100%	
	Construction Management Status: 55%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$444,465

Equipment Supplier: Evoqua Water Technologies	Original equipment supply contract amount:	\$3,725,657
	Equipment Supply Status: 100%	
	Substantial Completion Date: 12/1/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current equipment supply contract amount:		\$4,390,518
Total change orders as a percentage of original contract:		18%

Contractor: VanCon, Inc.	Original construction contract amount:	\$20,700,000
	Construction Status: 55%	
	Partial Completion Date: 5/5/2023	
	Substantial Completion Date: 5/5/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$20,774,289
Total change orders as a percentage of original contract:		0.4%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Contractor has been working through the winter to remain on schedule on this project. Repair work in Basins 1-2 is complete. Plate settlers have been installed in Basin 3 and are receiving final leveling/alignment. Chain and Flight equipment is being installed. Basin 4 is being prepared to receive plate settlers as they arrive on site from the manufacturer. Demolition in basins 5 and 6 is complete.



Basin 3 plate settler installation

Basin 3 plate settlers and sludge collection equipment installed and awaiting testing



JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 3600 West 10200 South Booster Pump Station, #4199

Project Description: A new booster pump station will be constructed to run in parallel with the existing booster pump station at 3600 West 10200 South. The existing pump station is currently running at capacity during peak demand periods. The new pump station will allow the District to meet existing and future demands of the Member Agencies served by the pressure Zone B South and C South systems.

District Project Manager: Travis Christensen

Engineer: AE2S	Original engineering contract amount:	\$819,707
	Design Status: 100%	
	Construction Management Status: 78%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,081,969

Contractor: VanCon, Inc.	Original construction contract amount:	\$10,437,000
	Construction Status: 78%	
	Substantial Completion Date: 5/1/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$10,473,594
Total change orders as a percentage of original contract:		0.4%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The contractor is completing site piping and performing electrical work inside the new pump station.



Interior piping assembly

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
February 11, 2023 - March 10, 2023

Project Name and Number: JA-1 and Southeast Collection Line Condition Assessment, #4150

Project Description: This project provides a condition assessment of the 78-inch Jordan Aqueduct Reach 1 (JA-1) and 30-inch Southeast Collection Line (SECL). Each of these pipelines are in need of a comprehensive condition assessment to identify any issues that need to be addressed to maximize the reliable service life of these facilities. The condition assessment will provide data for the interior pipeline coating, pipe wall thickness, pipe joint condition, and any movement or deflection in the pipeline.

District Project Manager: Travis Christensen

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$1,045,245
	Study/Inspection Status: 98%	
	Construction Management Status: 100%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,498,448

Contractor: VanCon, Inc.	Original construction contract amount:	\$435,000
	Construction Status: 100%	
	Substantial Completion Date: 3/31/2021	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$435,000
Total change orders as a percentage of original contract:		0%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The consultant is preparing the final design report of the Southeast Collection Line. Overall the line is in fair condition with some areas requiring repair in the next 5-10 years. The JA-1 condition assessment is complete and that pipeline is in good condition.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: 3300 South Pipeline Replacement Project, #4190

Project Description: Design and construction management of a new 12-inch pipeline along 3300 South from State Street to 1100 West to replace an aging cast iron pipe installed in 1956 that has had multiple pipeline leaks. Replacement of this pipeline will provide valuable redundant capacity for the service area located west of I-15.

District Project Manager: Kevin Rubow

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$388,773
	Design Status: 100%	
	Construction Management Status: 20%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$547,984

Contractor: B.D. Bush Excavation	Original construction contract amount:	\$2,989,090
	Construction Status: 20%	
	Substantial Completion Date: 8/18/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$3,034,940
Total change orders as a percentage of original contract:		2%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The contractor is planning to resume work in mid-April, following the winter roadcut moratorium.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
February 11, 2023 - March 10, 2023

Project Name and Number: 11800 South Pump Station Upgrades, #4209

Project Description: Installation of a new pump and motor to provide additional capacity and redundancy for the 11800 South pump station. The work also includes installation of a medium voltage transformer and HVAC upgrades to provide power and cooling for the future build out capacity of the pump station. This pump station serves the rapidly growing areas of South Jordan, West Jordan, Herriman, and Riverton.

District Project Manager: Kevin Rubow

Electrical Engineer: AE2S	Original engineering contract amount:	\$48,012
Design Engineer: JVVCD Staff	Design Status: 100%	
	Construction Management Status: 95%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$48,012

Contractor: Corrio Construction	Original construction contract amount:	\$823,866
	Construction Status: 95%	
	Substantial Completion Date: 5/8/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$854,463
Total change orders as a percentage of original contract:		4%

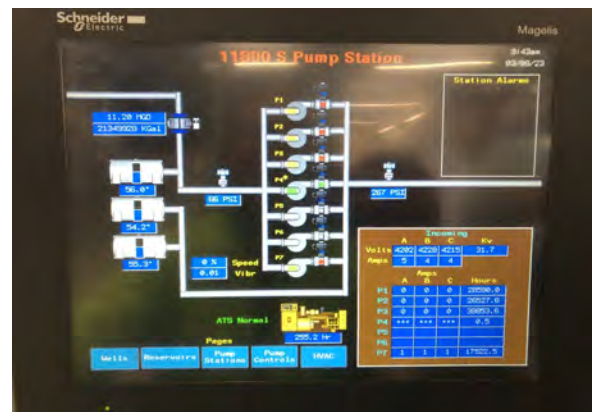
<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The contractor and District staff commissioned the new pump on 3/8/2023 and the project is substantially complete. District staff inspected the site and identified minor punch list items for the contractor to complete.



Technician setting parameters
in motor soft start

HMI screen showing new pump
producing 11.2 MGD



JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Upper Headquarters Campus Paving Improvements, #3910

Project Description: Site improvements to the Headquarters Campus including site drainage, pavement replacement, stream culvert replacement, irrigation ditch modifications, gas line relocation, and Beckstead Lane road improvements.

District Project Manager: Marcelo Anglade

Design Engineer: Talisman Civil Consultants	Original engineering contract amount:	\$289,917
	Design Status: 100%	
	Construction Management Status: 99%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$436,517

Contractor: Black Forest Paving, LLC.	Original construction contract amount:	\$1,099,721
	Construction Status: 99%	
	Substantial Completion Date: 7/15/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$1,107,851
Total change orders as a percentage of original contract:		0.7%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Concrete Section Removal.	Gerber Construction, Inc.	\$3,650
• Culvert grate supply and installation.	Gerber Construction, Inc.	\$5,100
• Admin Parking Lot Light Fixtures.	Anixter	\$6,387

Current Status: The project is substantially complete. The contractor is working on project closeout documentation.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Zone D Chemical Feed Facility, #4204

Project Description: Design and construction of a chemical injection facility at the 10200 South Zone D Reservoir. The facility will add fluoride and chlorine to the Bingham Canyon Water Treatment Plant effluent and boost the chlorine residual at the 10200 South Zone D Reservoir.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$198,872
	Design Status: 100%	
	Construction Management Status: 35%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$510,322

Contractor: Corrio Construction, Inc.	Original construction contract amount:	\$1,645,588
	Construction Status: 35%	
	Substantial Completion Date: 6/28/2023	
<u>Change orders approved since last report:</u>		
• Building foundation change.		\$15,992
Current construction contract amount:		\$1,661,580
Total change orders as a percentage of original contract:		1%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The Contractor has completed the building foundations and are forming the walls. The 20-inch HDPE line has been successfully bored under the highway. The contractor is working on installation of the remainder of the HDPE line.



The 20-inch HDPE pipe being bored under New Bingham Highway



The new chemical feed building being constructed

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Project Name and Number: Jordan Basin Water Reclamation Facility Wastewater Reuse Study, #3961

Project Description: Consulting services to perform a feasibility study of wastewater reuse. The District is heading up a stakeholder group consisting of local municipalities, sewer, and water districts to identify potential reuse projects.

District Project Manager: Alan Packard

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$27,796
	Design Status: 90%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$27,796

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Draper Irrigation Company and Bluffdale City will be the only two entities that will use the recycled wastewater with the initial phase of the project. The facilities will be designed to accommodate future expansion if other entities later decide to participate in the project. CUWCD is performing the NEPA compliance work. Draper Irrigation Company received a \$5,000,000 grant from USBR WaterSmart program for this project.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CAPITAL PROJECTS REPORT

February 11, 2023 - March 10, 2023

Normal Capital Improvements

Various small miscellaneous improvements.

<u>Fund Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
Project Name and Number: • Install ventilation fan.	Chlorine Boosters, #4198, Conor Tyson Aqua Environmental Services	\$800
Project Name and Number: • Temporary weir at Bell Canyon Diversion Structure.	Southwest Collect Line Assessmen, #4186, Conor Tyson Ellsworth Paulsen Construction	\$7,342
Total Capital Project Approvals (Active Projects)		\$71,656,351

REPORT ON MEDIA COVERAGE

JORDAN VALLEY WATER CONSERVANCY DISTRICT

REPORT ON MEDIA COVERAGE TONE

April 12, 2023

This report includes mass media articles that are directly related to JVWCD's mission, projects, initiatives, and programs and are published during the defined reporting period.

Reporting Period: March 1, 2023 – March 31, 2023

1. **Neutral** – Nelson, T. (March 4, 2023) *Here's what the Legislature did to help arid Utah better manage its water.* Salt Lake Tribune.
<https://www.sltrib.com/news/environment/2023/03/04/heres-what-legislature-did-help/>

News article discussing the 2023 Legislative Session. The summary mentions SB118 Water Efficient Landscaping Incentives and how the large water districts will help facilitate landscape incentive programs.

2. **Positive** – The Place (March 9, 2023) *"Localscapes" is a landscape design style created specifically for Utah.* Fox 13 News. <https://www.fox13now.com/the-place/localscapes-is-a-landscape-design-style-created-specifically-for-utah>

TV segment featuring Cynthia Bee (JVWCD Staff) discussing Localscapes and water efficient landscaping. The segment featured completed project photos from past Localscapes rewards participants and a call to action to sign up for Utah Water Savers. Cynthia also appeared in similar segments for ABC 4 (Fresh Living) and KSL 5 (Studio 5).

3. **Neutral** – O'Donoghue, A. (March 9, 2023) *Vital aqueducts in Utah get a \$50 million boost from lawmakers.* Deseret News.
<https://www.deseret.com/utah/2023/3/9/23632222/aqueducts-politics-utah-legislature-drought-water-environment>

News article discussing the budget passed in the 2023 Legislative Session. Part of the budget includes loans for seismic updates to the aqueducts that service JVWCD as well as the other water districts along the Wasatch Front.

4. **Neutral** – Tencer, E. (March 15, 2023) *EPA proposing costly limit to 'forever chemicals' in Utah water systems.* Fox 13 News. <https://www.fox13now.com/news/local-news/epa-proposing-costly-limit-to-forever-chemicals-in-utah-water-systems>

News article discussing the proposed regulations on PFAS compounds (also known as 'forever chemicals'). Shazelle Terry (JVWCD Staff), was interviewed about the impacts on JVWCD's testing capabilities.

5. **Neutral** – Lewis, S. (March 22, 2023) *South Jordan annexes 2,200 acres for potential 'second Daybreak' but construction could be far off.* ABC 4 News.

<https://www.abc4.com/news/wasatch-front/south-jordan-annexes-2200-acres-for-potential-second-daybreak-but-construction-could-be-far-off/>

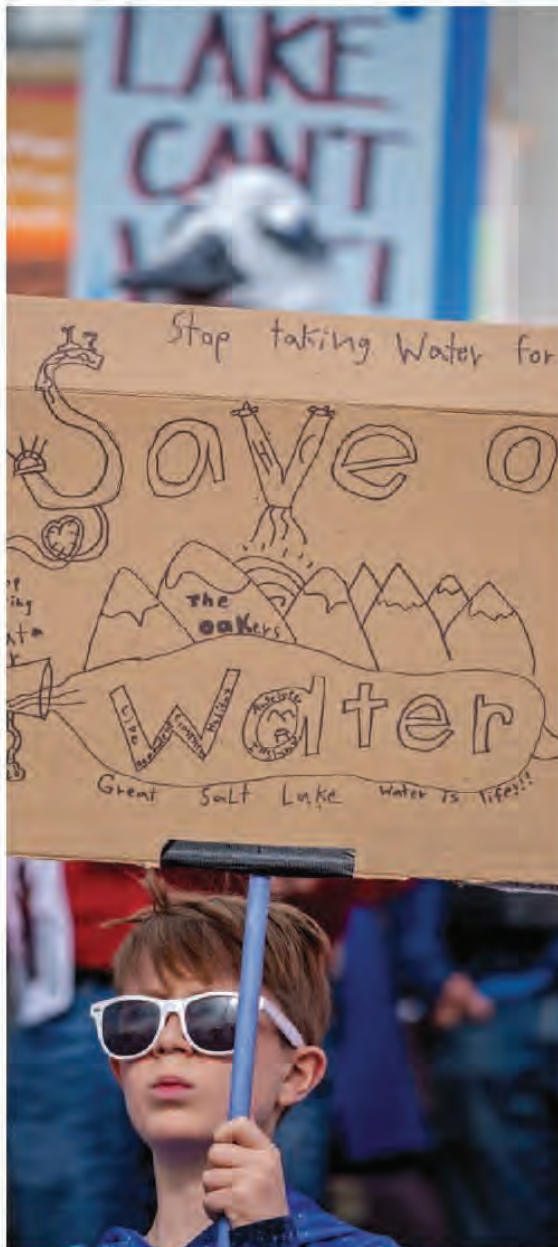
News article discussing Rio Tinto Kennecott's request to annex 2,200 acres into South Jordan City. JVVCD is mentioned as the water provider for the proposed new community.

6. **Neutral** – Harkins, P. and Scholl, J. (March 22, 2023) *With record snowpack, where will it flood in Utah?* Salt Lake Tribune.

<https://www.sltrib.com/news/environment/2023/03/22/while-washington-county-is-flood/>

News article discussing the above-average snowpack along the Wasatch Front. Shazelle Terry (JVVCD Staff) was interviewed about the flood risk in Salt Lake County.

MEDIA COVERAGE



TRENT NELSON | The Salt Lake Tribune
Hundreds gather in January for a "Rally to Save Our Great Salt Lake" at the Capitol building in Salt Lake City.

Saving Great Salt Lake is not going to be a quick fix

By **KEVIN EUBANK** | KSL-TV

Getting the Great Salt Lake back to a comfortable water level is going to take a lot of precipitation and work.

One thing is for certain, we need to keep seeing more of the same stormy patterns we've been seeing this winter.

That will help contribute to our snowpack and eventually our runoff, which will help lake levels rise.

Utah has had so many solid winter storms this season that we are well above the average for snowpack.

But when it comes to the drought situation in Utah, this is not a one-and-done deal.

"We've been talking about needing a winter like this for a while," Jordan Clayton a snowpack surveyor supervisor said.

This year's snowpack is a big step in the right direction and is helping to loosen the drought's grip on the Beehive state.

"The last time we had a snowpack this good, which was 2017, the net gain on the lake was about a foot and a half," Dr. Kevin Perry with the University of Utah said. He has studied the lake for years.

The big snow storms this winter are giving a boost to the Great Salt Lake.

"Normally speaking, when we have a good snowpack like this, we can expect that the lake level will rise between two-and-a-half and three-and-a-half feet," Perry said.

Our early-season valley rain and mountain snow allowed for the Great Salt Lake to rise over a foot in just the last two months. With the Wasatch Mountains already reaching average levels of snowfall, we anticipate an additional two-to-three-foot rise in the coming months.

If our stormy pattern continues into the spring we could add even more water to the lake this season making for a critical replenishment.

Perry said, "Because this is a problem that was caused by our choices and how we use water, we can decide that the lake is worth saving and change how we use water and it's within our power to save the lake."

He said there are steps we can take to keep things trending in the right direction.

"We need to reduce the amount of water that we use in northern Utah by 30% just to give the lake a fighting chance," Perry added.

With our increased population and so many sources drawing from the overall water supply, the lake is constantly at risk. Having normal winters just isn't enough anymore.

"We have to have 130% of the normal snowpack just for the lake not to shrink," Perry said.

Over the last few years, as the lake level has fallen, we've started to see the consequences of both drought and overconsumption. The appearance of toxic dust beds exposes a dangerous problem.

The good news is the lake is rising.

While we cannot control how much water falls from the sky, we can implement better water conservation, water management, and sound policy to help preserve our state's most famous lake.

This article is published through the Great Salt Lake Collaborative, a solutions journalism initiative that partners news, education and media organizations to help inform people about the plight of the Great Salt Lake—and what can be done to make a difference before it is too late. Read all of our stories at greatsaltlakenews.org.

the Utah House's narrow 40- Utahns opposed to swapping

Please see FLAG, Page A4

GO WITH THE FLOW



HARRISON EPSTEIN, DAILY HERALD

Water flows into the Provo River Delta after being diverted from the main Provo River on Thursday.

Provo River diverted as officials celebrate 'milestone' in delta restoration project

BY HARRISON EPSTEIN
Daily Herald

With three scoops of a construction crane, years' worth of work was completed and met with roaring applause. On Thursday, government officials from the local, state and federal levels congregated to divert the Provo River into a new delta, sending the water toward Utah Lake.

The work is a milestone in the Provo River Delta Restoration Project, a joint effort by the

Utah Reclamation Mitigation and Conservation Commission, the Central Utah Water Conservancy District, the Central Utah Project Completion Act Office of the U.S. Department of the Interior and the June Sucker Recovery Program.

"What it is is reconnecting the river to the delta and the lake and it's providing essential habitat for the June sucker," said Tanya Trujillo, assistant secretary for water and science with

the U.S. Department of the Interior. "This project is a great example of how we're using water for people, but we're also making sure we're taking care of the natural habitat that may be affected by the projects and the work that we're doing. So it's a recovery program that works hand-in-hand with the water supply program that we have. It's a great combination of work."

Please see RIVER, Page A4

Business.

to retain their scholarship. win for our graduates who faculty from the two uni- professions. All of our cur- told the Daily Herald.



HARRISON EPSTEIN PHOTOS, DAILY HERALD

ABOVE: A construction crane removes dirt, diverting water from the Provo River into a newly formed delta on Thursday.
RIGHT: A June sucker jumps out of the hands of Sally Tucker, communications advisor with the U.S. Department of the Interior, as a handful of the species are introduced to the newly formed Provo River Delta on Thursday.

River

From A1

Trujillo touted the Bipartisan Infrastructure Law signed by President Joe Biden, which provided \$10 million to the delta restoration project, “to help complete this project faster than it otherwise would have been completed,” in addition to \$40 million for the Central Utah Project Completion Act to complete the Utah Lake System pipeline.

According to URMCC projects manager Melissa Stamp, the project is the culmination of approximately 156 coordination meetings over the past six and a half years. Dozens gathered around the edges of the dry riverbed to watch as the diversion went from plan to a reality. The water is now moving into channels and ponds that have been under construction for the past three years.

According to Stamp, the diversion is restoring the Provo River’s floodplain while “reuniting” it with Utah Lake. Calling it one of Utah’s “larg-

est and hardest-working rivers,” Stamp highlighted the role it played through history, from offering food and building materials to Native Americans for thousands of years to eventually nourishing settlers from The Church of Jesus Christ of Latter-day Saints in the 1800s.

“If it can bring more people to enjoy our river, that’s what I love,” Utah County Commissioner Brandon Gordon said. Gordon highlighted the opportunities for recreation, fishing and more as reasons to celebrate the milestone.

According to the Provo River Delta Restoration Project, construction will continue on existing portions of the Provo River, including the installation of a small dam near Utah Lake State Park.

The dam will maintain water levels deep enough for flat water recreation, sport fishing and improve aesthetics, according to the group. Additional recreational features will be built along the existing river and around the delta, including new trail connections.

While a majority of the project

area west of Lakeview Parkway will be closed to the public until 2024, residents can still make use of the southern half of the Skipper Bay Dike Trail, which will remain open. The additional trails and features are set to open in 2024, along with Delta Gateway Park, a nature-focused playground developed by Provo City.

“We recognize the changes we’re bringing to this quiet part of west Provo aren’t necessarily easy for the property owners or for those who love to recreate along the channel in its current condition,” Stamp said. “We continue to ask for your patience. Thank you for your sacrifices — know that great things are coming when we’re able to open this new space to the public next year.”

As water levels rose and attendees walked the trail back to their cars, a handful of government employees and guests were just downstream with a dozen June suckers, each one tagged and ready to be released.

The June sucker, found only in Utah Lake and the Provo River, was on the brink of extinction just de-



cades ago, Chris Keleher told the crowd. Keleher, the June Sucker Recovery Implementation program director for the Utah Division of Wildlife Resources, praised community partnerships that have helped revive the species.

“The June sucker program had known for decades that improvements in the habitat to support early life-stage June sucker was essential to achieve recovery and for the species to be able to complete its entire life cycle in the Utah Lake ecosystem,” Keleher said. “The June sucker program has demonstrated that we can develop and use our water resources in a way that is compatible with conservation and recovery.”

Work has been done in the valley for decades to protect the June

sucker. Since the early 1990s and 2000s, restoration projects have sought to protect the species and, in January 2021, it was classified as “threatened” rather than endangered. Keleher previously told the Daily Herald that there were fewer than 300 adult June sucker in the lake when he started working as a field biologist in the early 1990s.

The handful of June sucker added to the delta will now move throughout the streams and along the Provo River and Utah Lake with tags so researchers can track their movement along the system.

“We’ll be able to keep track of how they’re doing. We want to make sure we have habitat for them as they grow bigger and stronger,” Trujillo said.



EMMA KEDDINGTON | Great Salt Lake Collaborative
Members of Save Our Great Salt Lake pose for a picture with their "Great Salt Lake to-do list" banner outside the House chamber on Wednesday. The community activists gathered at the Capitol to call for emergency action for the dying Great Salt Lake.

Rally demands Legislature act to save Great Salt Lake

Activist group Save our Great Salt Lake shares a to-do list for lawmakers.

By EMMA KEDDINGTON
Great Salt Lake Collaborative

As the 2023 legislative session draws to a close, community activists gathered Wednesday at the Capitol to call for emergency action for the dying Great Salt Lake.

Unfurling a 100-foot banner dictating a "Great Salt Lake To-Do List," approximately 20 people organized by the group Save Our Great Salt Lake stood on the steps outside the House chamber and demanded action.

"We are losing the lake on your watch because you are not watching close enough," said Nan Seymour, a poet and activist who has been hosting vigils on Antelope Island for the lake throughout the legislative session.

"Though the window of possibility is closing, it is not yet closed," she said. "Everything we do matters, and now is the time."

The activists fear water won't get to the Great Salt Lake in time to prevent an ecological disaster.

"The reality is that over and over in the legislative session, [legislators] had many opportunities which they failed to take action on," activist Luis Miranda said. He cited measures including a failed resolution calling for a target lake elevation. Another bill that would have diverted about \$65 million a year from Lake Powell and Bear River development projects to acquire water rights for Great Salt Lake, was never debated.

"Now we're two days away from the end of the 2023 Utah State legislative session and nothing of significance is happening," Miranda said. "In the meantime, the Great Salt Lake is dying."

Sen. Scott Sandall, R-Tremonton, responded to the complaints, telling Fox 13 News, he expects water will get to the lake in the short term. "It's not our intention to lose our ecology."

Lawmakers' budget priorities include \$200 million to reduce water use in agriculture, \$15 million to

meter untreated water (which leads to conservation) and \$3 million for a conservation education campaign. They also are passing several bills to incentivize the replacement of thirsty turf for water-wise landscaping.

"We've made long-term solutions our basis," Sandall told Fox 13 News. "That's what we're doing with ag water optimization, that's what we're doing with our conservation plans, these are plans that will be meaningful year after year after year and we will make a difference going forward."

However, language that would have required conserved water to get to the lake was removed from a bill because water districts want to keep saved water for future growth.

"We were unable to get the piece where that water gets moved to the lake," Rep. Doug Owens, D-Millcreek, who sponsored the altered legislation, told Fox 13 News. "We are going to ask for that to be voluntary this year, and it's going to be mandatory soon."

As co-chair of the Great Salt Lake Caucus, Owens acknowledged: "It's hard to know if we're doing enough but we are doing a lot to help the lake."

Back at the rally, activists were looking for action. "Saving water is one thing, making sure it gets to the Great Salt Lake is another," Alex Veillieux, a member of Save Our Great Salt Lake, said.

Save our Great Salt Lake's to-do list includes:

- » Water to the lake now;
- » Add 1,000,000 acre-feet of water a year;
- » Set target: 4198+ feet lake level, lower than 15% salinity;
- » Measure and monitor to shepherd water to the lake;
- » Conservation first;
- » Co-manage and co-steward with tribes;
- » Native leaders on all decision-making bodies;
- » Loss and damage fund to compensate people impacted by dust and economic loss;

» A just agricultural transition from alfalfa farming;

» Create viable markets for local agriculture;

» No more subsidized water waste;

» No Bear River development;

» Recognize the lake's rights.

Olivia Juarez, public lands director for community group GreenLatinos, emphasized how important it is to "integrate tribal co-management and co-stewardship" into decision making regarding the Great Salt Lake.

"Currently all the boards, all the committees lack tribal leaders, which is wrong," they said.

Juarez explained how marginalized community members — including those that are disabled, elderly, unhoused, and from the west side of Salt Lake City, which houses a predominant population of people of color and low-income residents — will be disproportionately exposed to the toxic pollutants that will come from the drying lake bed.

"Until today, the state has treated GSL and her peoples like they are disposable. Now is the time to assert that community and ecosystem are interdependent," they said.

Utah farmer Madeleine Bavey brought agriculture into the conversation, saying that "it's not a question of sustaining agriculture or saving the Great Salt Lake. We must do both."

She described the need to replace current, "thirsty crops" with crops more suitable for desert environments.

"We must support a transition to agricultural practices that allow more water to make it to the Great Salt Lake," she said.

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SESSION OVER: WHAT'S IN STORE FOR UTAHNS

Legislature addresses everything from transgender youth to homebuying to school vouchers.

STAFF REPORT | The Salt Lake Tribune

Utah's elected lawmakers have spent the last 45 days debating and passing legislation that will shape the state's future.

From banning gender-affirming care for transgender minors to creating a new state flag, the bills approved by the 2023 Legislature — and later signed by Gov. Spencer Cox — will have immediate impacts on everything from the way Utahns get an education to the air they

breathe.

Here are some of the bills and issues the Legislature has focused on this year, and how those decisions will impact the Beehive State:

TRANSGENDER HEALTH CARE

One of the most controversial items of the 2023 general session was passed and signed during the first two weeks of the

annual lawmaking effort. Lawmakers rushed to pass SB16, which banned most gender-affirming health care for transgender youth in the state. Cox wasted no time signing the bill into law.

The legislation, pushed by Sen. Mike Kennedy, R-Alpine, bans doctors from prescribing hormone therapy for minors who have been diagnosed with "gender

Please see **LEGISLATURE, A6**

TRUTH. EMPOWERMENT. COMMUNITY.

The Salt Lake Tribune

PULITZER PRIZE WINNER



Measures taken to help arid Utah better manage its water

By LEIA LARSEN | The Salt Lake Tribune

Utah closed out 2022 with water issues across the state. The Great Salt Lake had shrunk to its lowest elevation in recorded history. Aquifers in the central part of the state were overdrawn. And in the Colorado River Basin, two of the nation's largest reservoirs — including Lake Powell — sat precariously low, with tension among the states that rely on them

beginning to ramp up.

That left Utah lawmakers with a lot of conundrums to solve this session. And even though this winter brought epic snowpack across the West, it will take many good water years to pull the region out of its crippling mega-drought.

Here are some of the major water-related bills still floating their way through the final few days of the Legislature's General Session.

Please see **WATER, A5**



Left » The receding waters of Great Salt Lake have exposed long-submerged areas that look like reefs.

Above » The Utah Capitol, looking west in this aerial view.

PHOTOS BY FRANCISCO KJOLSETH | The Salt Lake Tribune

Farmers skeptical about water leasing to save Great Salt Lake

Agriculture often criticized as the state's biggest water user, but irrigators face mounting pressure from rapid urban growth.

By LEIA LARSEN | The Salt Lake Tribune

Dan Harris raises hay and Christmas trees on a small farm near the shores of Pineview Reservoir. His gray beards are so clean and nutritious, customers are already making requests, even though the growing season is still months away.

"I've sold hay to cattle people, I've sold hay to sheep people, llama people. But generally, I try and custom grow it to where horse people like it," he said. "I'm just a hobby farmer, but I take pride in it."

Harris is also the president and water master of Middle Fork Irrigation Company, which has old water rights dating back to 1863. The company is small — about 11 property owners have shares in Middle Fork's water. But with Great Salt Lake on the brink of collapse, every drop counts. Agriculture has depleted about 60% of the water that would otherwise flow to the shrinking lake, studies have found, and Utah lawmakers are looking to farmers as one of the biggest solutions to keep it from becoming a toxic salt bowl.

In the last few years, the Legislature worked to revise Utah's pioneer-era water law so the state can pay farmers to voluntarily lease some or all of their water to benefit the environment. They also created the multimillion-dollar Great Salt Lake Trust to help buy up some of those leases for the lake.

To date, it appears no irrigators have officially signed up. Neither the Department of Natural Resources nor the National Audubon Society, who manage the state trust to help pay for leases, could confirm any deals have been finalized. Like a lot of farmers, Harris doesn't want to see the Great Salt Lake demise. But he's skeptical he can help.

"I'm all for doing something for the Great Salt Lake," Harris said. "My question was, if I say our irrigation company wants to donate 30 acre-feet per year to the lake, who is going to ascertain that even makes it there?"

He's the last irrigator on the Middle Fork company's canals. Any water that makes it past his farm flows into Pineview. In theory, it should later get released down the Ogden River, which flows into the Weber River, which flows into the Great Salt Lake.

But as Harris looks around the Ogden Valley, he sees sprawling homes and developments popping up on the hillsides. The large family farms that once surrounded him have been subdivided, bought up by millionaires who build mansions.

"I'm the token hillbilly in the neighborhood," Harris joked. "I tell people, 'Do you think a drop of water conserved in this valley is going to make it out of this valley?'"

Issues with water shortages have emerged in recent years across Ogden Valley and other communities in the Wasatch-Cache National Park. Some towns had to temporarily halt new construction because they couldn't guarantee the water supply. Harris and his neighbors farm had to cut their own water use by 40% last year.

"We're already conserving above and beyond what your average homeowner with a lawn would be willing to do," he said.

'WE'RE GETTING PUSHED FROM ALL SIDES'

Farmers throughout the Great Salt Lake basin share many of Harris's concerns. They also worry about the ripple effects of water leasing. Many in the agricultural industry are already getting by on the tightest of margins.

"If you take the farmer's water, he has to cut back," said Ed Oyler, a farmer based in the Heber Valley. "If he cuts back, he can't sustain. He's probably right now on the bare minimum because we're getting pushed from all sides."



PHOTOS BY LEAN HOGSTEN | The Salt Lake Tribune



RICK SEAR | The Salt Lake Tribune

Top • Dan Harris, shown in his Eden home earlier this month, grows hay and Christmas trees on his 9-acre farm and is president of Middle Fork Irrigation Co., that provides water shares to 11 users. **Above** • Laren Gertsch, a shareholder in North Fields Irrigation, says legislators appear to be development friendly. **Right** • A hay barn in Huntsville.



"On paper, it'll work," Wilson said. "But as far as wet water goes, they're going to open a real problem here."

A MAZE OF HUNDREDS OF CANAL COMPANIES

There are more than 1,000 irrigation and canal companies of varying sizes across Utah, according to the Division of Water Rights. More than 700 of those companies operate in the Great Salt Lake basin.

Most of them formed a long time ago, some before Utah became a state. Farmers looking to farm in and Utah had to pool their resources to dig canals and build small reservoirs in order to make the desert bloom.

"That legacy is with us today with all these canal companies we have," said Jared Manning, deputy state engineer with the Division of Water Rights.

But things became complicated as communities along the Wasatch-Cache Front grew. As development bought up farmland to convert to strip malls and subdivisions, the canal companies had the freed-up shares to others.

"Usually they're all to be cities," Manning said, "because cities are growing and need water."

Over time, many of the irrigation companies in the Great Salt Lake basin have become defunct. Or they're almost exclusively providing water to irrigate farms.

FARMS DEVOURED BY DEVELOPMENT

As they watch all the prime farmland get gobbled up by suburbs, many of the remaining farmers say they feel mounting pressure. They bristle when they hear urban dwellers blame them for all of Utah's water woes.

"In my opinion, the Legislature is vastly controlled by developers who seem to have the governor's ear," said Laren Gertsch, a shareholder in North Fields Irrigation.

He's incredulous that the Great Salt Lake is lawmakers' primary concern, citing some of their recent policies and actions signs of a "water grab."

"Sometimes when the legislators are trying to get water," Gertsch said, "it isn't necessarily all for the Great Salt Lake. It is also for some of these developers."

At the Bear River Canal Company in Box

Elder County, the largest remaining irrigation company in the lake's watershed, farmers fear if they lease water, lawmakers will take that as a sign that they didn't need it to begin with.

"They're concerned if they were to lease it downstream," said Trevor Nielson, the company's general manager, "the impression would be that they had extra, when they were really forgoing water."

The company has more than 120 miles of canals that irrigate more than 65,000 acres of land. Nielson calculates all the crops produced in that area were worth \$60 million a few years ago. Now, with inflation and supply shortages, they likely have a value of \$120 million or more.

"We operate our company in a manner that will allow those who choose to remain in agriculture to remain viable as long as possible," Nielson said.

But the Wasatch Front's booming growth is beginning to spill over into Box Elder County and devour its farmland. In 2022, Nielson said a new subdivision plan popped up for his review every week. And nearby cities are desperately

seeking new water supplies.

Protestants, the county's second-largest city, is seeing shortages during the summer as residents and business owners water their lawns with culinary water.

"Some are trying to get secondary water [from us] to live up drinking water," Nielson said. "There's not a lot of good drinking water in our area."

His company worked with a local municipality and found each acre of farmland that's replaced by homes, subdivisions and other land uses ends up using about 50% of the water. What's leftover is often sold to other developers or to cities to bolster their secondary systems.

And once water is converted into urban use, it's a lot harder to get it to the Great Salt Lake.

LEASING WATER COMES WITH UNKNOWN COSTS

As interest in farming fades among younger

generations, families that inherit farms often lease the land to other farmers if they don't sell to developers. Those tenant farmers worry water leasing will put them out of business.

"If the [landlord] would say 'I can get more money sending my water to the lake than with your rental agreement' ... then that farmer no longer has that land," Nielson said. "And they have bought equipment, a certain head of cattle and calculated numbers based on how much feed they can grow."

Preserving farmland has environmental benefits, Nielson points out, including benefits for the Great Salt Lake.

It provides habitat for birds and other wildlife. It can recreate the wetlands and seasonal flooding which occurred before rivers were dammed and diverted. And any water not soaked up by plants makes its way back into the environment, potentially reaching the lake and its tributaries.

Bear River shareholders have determined if

they participate in the leasing program, they'll do it as a block instead of allowing individual farmers to lease however much water they want. That way, every shareholder takes an equal water cut, while also reaping the same monetary benefits from the state.

Still, they need some guarantees. There's currently no good way to measure Bear River water makes it to the lake. The state would need to install all kinds of gauges and meters to ensure it's shepherded all the way downstream.

And then the question of payment. It's unclear how much irrigators would receive per acre-foot leased.

Manning, with the Division of Water Rights, said every time he hears a price tag, "the nerve keep adding on."

"The lease price I've been hearing is anywhere from \$150 to \$2,000 an acre-foot," Manning said. "Just depending on where you're at."

And with the Great Salt Lake seeing a water inflow deficit of around 1.2 million acre-feet each year in recent years, "to make a serious difference," Manning said, "you're talking billions of dollars to do it."

With Utah's crippling and protracted drought, many farmers simply didn't have water to lease last year, regardless of how much the state could pay them. This winter's unprecedented snowpack could help. "We'll see a lot of gain in the lake this year," Nielson said. "Not only is that needed from an ecological perspective, but for this to ... work, we need a longer runway. And nature has been kind enough to extend the runway another 100 feet."

STATE LEADERS SAY THEY'RE NOT WORRIED ABOUT FARMERS' RELUCTANCE

Joel Perry, director of the Department of Natural Resources, was a key player in revising Utah's water laws to allow for leasing. He's also a large shareholder in the Bear River Canal Company and owns a big family farm near the Great Salt Lake's shores.

"I have people calling me frequently saying 'I've got water rights to [lease]!'" Perry said. "But, in fact, these kinds of programs and experiments take time. And he expects the coming runoff season to be 'incredible.' The lake is already up 1.8 feet from its lowest point."

"I'm not saying we've even close to being out of the woods, but we have the time to get this right," Perry said. "We are working feverishly to get this done the right way."

The state is currently prioritizing leases from large water right holders, not smaller canal companies, Perry added.

"It's going to take a long time to do the small transactions," he said. "Those larger transactions we can do now. And that's what we're focused on."

Rep. Cheryl Stender, R-Paradise, held a lot of sway at Capitol Hill this session as co-chair of the Great Salt Lake caucus.

Stender is also a farmer, using shares in the Paradise Irrigation and Reservoir Company to water 40 acres. He called the nascent water leasing program one of the better solutions for saving the Great Salt Lake.

"It's all going to be a willing buyer and willing seller," Stender said.

Still, he said he's fielded his own share of concerns about the program from farmers across the state.

"I'm sure you've heard the same thing I have — 'If I give water, how do I even know it's going to make it to the lake?'" Stender said.

Lawmakers earmarked a one-time infusion of \$5 million this year, plus \$44,000 in ongoing funds, to install measuring devices and meters that will better track water and where it's moving across the system.

Importantly, leasing offers up flexible funds to keep farmers viable in Utah, Stender said.

"As water is being moved out of production all the time for development," he said, "that, to me, is scarier than in one growing season I'm going to lose a portion of my right."



RICK SEAR | The Salt Lake Tribune

LEAN HOGSTEN | The Salt Lake Tribune

Above • Snow bodes well for spring runoff on the Middle Fork of the Ogden River. **Left** • Ed Oyler, Devin McKenna, Mark Wilson, George Holmes and Laren Gertsch discuss developments in Heber City in February.



Ski resorts raise awareness as Great Salt Lake crisis threatens Utah's 'greatest snow on Earth'

By EMMA KEDDINGTON | Great Salt Lake Collaborative

Utah is known for having the "Greatest Snow on Earth." People flock to Utah's ski resorts to experience the deep powder that is in part powered by the Great Salt Lake.

However, the drying of Great Salt Lake threatens to compromise the very snow Utah is known for.

A shrinking lake could mean less "lake effect" snow, or what Ski Utah refers to as "mind-numbing powder snow face shots." And because less water equals more dry lakebed, a smaller lake could also mean earlier snowmelt and affect how long ski resorts can stay open.

What are ski resorts doing to increase sustainability and combat the negative consequences of the shrinking Great Salt Lake?

"We are invested in protecting the Great Salt Lake because the quality of snow in Utah depends on it," Allison Palmintere, director of communications for Ski Utah, told the Great Salt Lake Collaborative. Ski Utah promotes Utah's ski and snowbird industry.

While there is no current plan in place that is specifically directed toward the Great Salt Lake, she said the group is focused on combating climate change and supporting sustainability. And she added that the organization consistently meets with legislators and stakeholders to lobby for climate change mitigation.

Sarah Sherman, communications manager for Snowbird, said the Little Cottonwood Canyon resort is assessing to see what it can do for the Great Salt Lake. "We believe in science and numbers," Sherman said. "We are committed to the local community and environment."

It recently raised awareness of the lake's potential demise and its impact on ski resorts by hosting a presentation given by the Nature Conservancy called "Dust on Powder: Saving the Great Salt Lake and the Greatest Snow on Earth."

"Theoretically, there could be a tipping point at which the lake is too small of a size to create lake effect storms," warned McKenzie Skiles, a University of Utah professor of geography.

As one of the presenters at Snowbird, she said that a single inch of snowfall is worth \$2.8 million in Utah's \$1.6 billion ski tourism industry. If the lake effect diminishes, Utah could lose a significant amount of snowfall, along with the so-called "hype" that the lake effect brings to tourists.

"Everybody loves to talk about this lake effect powder, especially here at Snowbird," Skiles said. "The lake effect on snow is very important."

The meteorological phenomenon extends Utah's ski season by five to seven weeks and is the cause of up to 10 percent of the snow that falls in

the Cottonwood canyons, according to the Great Salt Lake Advisory Council.

Those enjoying the slopes know of its importance, too. "The winds blow right across that GSL and pick up all that moisture in the lake and dump it here, and that is why we have the greatest snow on earth and some of the deepest snow in the United States," said Snowbird skier Mike Adamo when asked about the connection between the lake and the snow.

DUST ON SNOW

The other significant connection between the Great Salt Lake and Utah's snowpack is the dust-on-snow phenomenon, which Skiles has studied since its first documented occurrence in 2017.

According to Skiles, her team at the U. found a "distinct brown layer in the snowpack," which doesn't typically occur in the Wasatch mountains. Her team found that the dust deposit significantly accelerated snow melt.

"Snow is one of the brightest surfaces on earth... when you deposit contaminants like dust you make it darker. [It's like] switching from a white T-shirt to a black T-shirt on a sunny day— you get significantly warmer."

In 2022, Skiles said that all dust — 25 percent of which came from the Great Salt Lake's dry lakebed — "accelerated snow melt by over two weeks." It's a level that she expects to only increase in the future.

ECOLOGICAL AND HEALTH IMPACTS

Bonnie Baxter, director of the Great Salt Lake Institute at Westminster College, explained at the Snowbird event how lack of moisture at the lake has effects beyond the snow. It impacts the lake's basic ecology, the economy and human health. She said the lake is currently at a 19% salinity level, compared to the healthy level of 12%, which she said is "terrifying." It means the lake's brine shrimp food chain could collapse, impacting the 10 million birds that feed on the shrimp and brine flies.

The dust will also affect human health because the lakebed contains heavy metals such as mercury and arsenic that will be gradually released into the air. "Because it's a terminal lake, it's holding all the heavy metals it's ever encountered," she said, which will have nowhere to go but into the air humans breathe.

Baxter and Skiles emphasized just how important action is in this dire scenario, including both legislative and individual action.

"We as scientists can only do so much by putting our research out there," Skiles said. "Hearing

from constituents is a very important part. When you see [good] legislation coming up, say something. Speak up, say, 'I support this.'"

AUDIENCE REACTION

Skier Rebecca Wallace attended the presentation and plans to spread the message. "I'm very concerned about the Great Salt Lake," she said. "I'm concerned about the wildlife, I'm concerned about the health effects on humans. I'm concerned that this is an ancient lake that may be on its way out." She wants to get more involved. "I was getting my teeth worked on the other day and I was telling the dental hygienist about the Great Salt Lake! But the other thing I'm going to do is make the time to write legislators... I want to feel like I'm doing my part," she said.

Emily Golitzin, who works at Alta Ski Resort, also attended as a concerned citizen and avid skier. "Our jobs kind of depend on the ski industry being successful, also what we do for fun," she said. "I'm concerned about how long I'll get to live here. It seems unsustainable at this time."

WHAT ARE RESORTS DOING FOR SUSTAINABILITY

Palmintere said resorts have "robust, holistic sustainability plans" that address climate change and sustainability. She said the ski industry as a whole has been a "canary in a coal mine" as far as climate change goes and that since snow is their best asset, consistent discussions and action planning on sustainability is increasingly important.

The following local resorts have published their sustainability plans, which call for actions like planting trees, eliminating waste and incentivizing green transportation: Alta, Park City, Powder Mountain, Snowbird and Sundance Mountain resort.

In addition, Palmintere said that the larger corporate entities that own much of Utah's ski resorts, including Vail, Powdr Corporation and Alterra, entered into a Climate Collaborative Charter and have committed to being carbon neutral by 2025.

The most important thing, she said, is "continuing to bring awareness and continuing to stress the importance."

Published through the Great Salt Lake Collaborative, a solutions journalism initiative that partners news, education and media organizations to help inform people about the plight of the Great Salt Lake—and what can be done to make a difference before it is too late. Read all of our stories at greatsaltlakenews.org.

LDS Church to donate thousands of acre-feet of water to help save the Great Salt Lake

The gift has been months in the making, and represents the first major private sector commitment to saving the imperiled lake.

By LEIALARSEN | The Salt Lake Tribune

The Church of Jesus Christ of Latter-day Saints, one of the wealthiest and most influential institutions in Utah, plans to donate a pool of water to help save the Great Salt Lake.

The Utah Department of Natural Resources, which helps manage the lake, announced the gift Wednesday morning. The donation amounts to about 20,000 acre-feet worth of shares that the church holds in the North Point Consolidated Irrigation Co. An acre-foot is enough water to support about two Utah households, depending on how prolifically they irrigate outdoors.

"We're grateful to The Church of Jesus Christ of Latter-day Saints for this generous donation," Gov. Spencer Cox said in a news release. "This water donation will make a real difference to the lake and the future of our state."

The governor has been in talks with the church over water for the lake since at least July. The Great Salt Lake sits precariously on the verge of collapse after hitting two record lows.

Although the lake is the nation's largest saline system, it has run a water deficit of about 1.2 million acre-feet in recent years. This winter's substantial snowpack, however, will likely raise its elevation by at least a few feet. It currently sits at about 4,190 feet above sea level but needs to rise to around 4,200 feet to reach an elevation that's sustainable for wildlife, recreation and lake-based industries like brine shrimp and mineral harvesting.

"The Great Salt Lake is a critical asset environmentally, ecologically and economically," Cox said, "and we all need to work together to protect and preserve it."

The water donation will be managed through the Great Salt Lake Watershed Enhancement Trust, established by the Utah Legislature last year.

"The Great Salt Lake and the ecosystem that depends on it are so important," said Bishop W. Christopher Waddell, the church's first counselor in the Presiding Bishopric, which oversees the faith's vast financial, real estate, investment and charitable operations. "The church wants to be part of the solution because we all have a responsibility to care for and be good stewards of the natural resources that God has given to us. We invite others to join with us to help."

Waddell is the keynote speaker Friday at the Wallace Stegner Center for Land, Resources and the Environment's symposium on "The Future of the Great Salt Lake."

A Salt Lake Tribune analysis last month found the church owns at least 75,000 acre-feet outright in the Great Salt Lake watershed. That does not include any shares it has in canal companies, which are harder to ascertain because the companies are private.

Many, if not most, of water rights in Utah are held communally in irrigation companies. Pioneers and farmers formed them by pooling their resources to dig canals so they could raise crops and build cities across arid Utah.

North Point Consolidated Irrigation Co. has water rights from 1862 and 1915, sourced from the Jordan River. Older water rights are particularly helpful to the Great Salt Lake because they receive



LEAH HOGSTEN | The Salt Lake Tribune

The Angel Moroni statue is photographed in December atop The Church of Jesus Christ of Latter-day Saints' Bountiful Temple with the shrinking Great Salt Lake visible in the background. The church plans to donate a pool of water to help save the lake.

higher priority in times of drought.

The church's gift will also sustain critical shoreline and wetland habitat in Farmington Bay, according to DNR.

"This donation is invaluable because it's a permanent, dedicated source of water that will benefit the lake year after year," Joel Ferry, executive director of the department, said in the news release. "I appreciate the collaborative effort among the church, DNR and conservation groups."

Marcelle Shoop, director of the Saline Lakes Program for the National Audubon Society and executive director of the Great Salt Lake trust, also expressed her appreciation for the donation.

Utah lawmakers have worked to overhaul the state's archaic water laws in recent years. Those changes allow irrigators to bank water or lease it to the state for environmental benefits, including the Great Salt Lake.

Farmers across the basin have, so far, been reluctant to participate in leasing.

Religion scholars, environmental advocates and scientists have highlighted the cultural sway the church holds in Utah, and the critical role it could play in rallying residents to help save the lake from becoming a toxic dust bowl.

The lake contributes \$1.9 billion to Utah's economy and supports the vast majority of the state's wetlands. It's a critical staging site each year for millions of migrating birds, which are increasingly

losing habitat as salty lakes dry up around the West and throughout the world.

This article is published through The Great

Salt Lake Collaborative: A Solutions Journalism Initiative, a partnership of news, education and media organizations that aims to inform readers about the Great Salt Lake.

Provo planning ahead for possible flooding

BY GENELLE PUGMIRE
Daily Herald

As the anniversary nears of the the Salt Lake City "river" flood nearly 40 years ago, long-time Utah County residents still remember the streams flowing out of the canyons east of the city around the same time.

In 1984, a sandbag channel out of Slate Canyon had more than 90,000 sandbags holding more than 2,625 tons of sand. It took 1,455 volunteers over 3,770 hours to construct the Slate Canyon channel. Sandbags also lined the streets around the Provo Temple and ran down 900 East past the new Provo Missionary Training Center.

While the record-breaking modern snowpack is helpful for drought conditions, once again, Provo City is actively preparing for potential flooding as a precautionary measure.

"We are monitoring areas with excessive snowpack to determine water volume and better understand potential flood risks should the warming weather create concerns," Provo City Public Works director Dave Decker said.

According to Decker, Provo's flood preparation committee began holding weekly meetings in February.

"Since the last major flood 40 years ago, Provo has been improving its storm water system as the city continues



DAILY HERALD FILE PHOTO

Men carry sandbags in the back of a truck to stop flooding on June 2, 1983. A record setting spring snow and rain created flooding across Utah County in 1983.

to grow and develop," Decker said. "We are currently planning and coordinating with internal and external agencies to prepare for any type of flood emergency, including identifying areas with the biggest flood risk and developing routes to divert water to protect the residents and homes."

Provo City has also secured sandbags to add to their existing inventory. Should flooding occur, the city will notify residents of pick-up locations.

"Our crews are working on flood prevention by cleaning

our storm drains and clearing away vegetation or runoff materials that could clog the system. Crews will also clear the Provo River of debris impeding water flow," Decker said. "Residents can help by keeping gutters and storm drains clear of any yard waste and garbage."

Part of Provo's water management approach is to take advantage of wet years, similar to this one. Aquifer Storage and Recovery projects allow the city to store excess water in its aquifers, helping replenish

declining groundwater levels.

"As we monitor and prepare for potential floods, we ask that residents help by keeping an eye out for flooding. If you notice any blocked storm drains, please contact Provo 311 or the Public Works Storm Water Division at 801-852-6700," said Nicole Martin, Provo City Communications Director. "If the likelihood of flooding increases, we will release additional information to help residents know how to prepare and volunteer to help in case of an emergency."

Governor urges Utahns to prepare for flooding as historic snows begin to melt

He also answered questions on abortion, education and bills under consideration at his monthly news conference.

By EMILY ANDERSON STERN

The Salt Lake Tribune

As the weather warms and more of the snowpack in Utah's mountains melts, Gov. Spencer Cox is bracing for flooding, which includes giving state employees a day off of work to volunteer to help with the emergency response in their communities.

The order — announced at Cox's monthly news conference Thursday — grants eight hours of administrative leave for employees of all executive branch agencies comes after a winter of above-average snowpack in the middle of a historic drought. And parts of the state — especially in Utah's south — are already flooding.

"State employees can use work time to pitch in filling sandbags, and joining other flood responses in their county or an adjacent county," Cox said. "We want an army of residents ready and I know we will have volunteers joining them from across the state as they're called upon to do so."

Cox urged Utahns to verify whether their home insurance includes flood coverage, and check online to see if they live in a flood zone.

Meanwhile, as he is signing bills from the 2023 legislative session, Cox said Utah is also preparing to take advantage of the "great opportunity" the snowpack presents to raise the water level of the Great Salt Lake after it reached its lowest recorded point in November.

When asked whether the Utah Legislature "punted" in addressing the state's water crisis after the unexpectedly high amount of precipitation, Cox said he disagreed, noting that some of the bills passed in the 2022 session — like agricultural water optimization — won't be implemented until this spring.

"It takes time for these projects to take effect," the governor said.

Abortion

The morning after signing HB467 — a bill that will outlaw abortion clinics in Utah — Cox said the new law will "absolutely not" enact a de facto ban on abortion, as it remains



Utah Gov. Spencer Cox holds his monthly news conference on Thursday at PBS Utah in the Eccles Broadcast Center in Salt Lake City.

LAURA SEITZ / Deseret News

legal up to 18 weeks in the state.

Building onto Utah's abortion trigger law, which has been blocked since a few days after it went into effect last summer, the bill makes a number of changes to abortion policy. Among the changes are some that clarify the definition of abortion and when a doctor can provide one under the trigger ban's exceptions — for rape, incest, when the life of the mother is at risk and for a fatal fetal abnormality.

"The trigger law that was passed several years ago would have enacted a de facto complete abortion ban, because there wasn't clarity around rape, incest and the health and safety of the mother," Cox said. "And so this bill clarifies that so that those abortions can continue."

"They will continue in a hospital setting, but there is nothing that would prevent those from continuing and the hospitals were involved in the drafting of that bill, and they were supportive of the bill as it passed."

The CEO of the Utah Medical Association, Michelle McOmber, spoke in both of the committee hearings for the bill. She said the organization was "OK" with it because it appreciated that the sponsor, Rep. Karianne Lisonbee, R-Clearfield, worked with OB-GYNs in adjusting definitions in the bill.

But she said the organization was concerned about how pushing abortions into hospitals might impact the cost of an abortion, and that the bill left in place a portion of the trigger law that makes performing an abortion in certain circumstances a

second-degree felony.

When asked whether he feels Utahns will have adequate access to abortion care after the bill's implementation, Cox said, "They'll go to a hospital and get that care," and that he doesn't think the bill will present additional issues to people in rural areas who have limited access to health care.

While three of the four abortion clinics in the state are in the heavily populated Salt Lake County, one is in Cache County. Salt Lake County borders four counties the state's Department of Health and Human Services has classified as rural, and Cache County borders one rural county and one frontier county — a definition for counties even more sparsely populated than rural areas.

Access to abortion medication through pharmacies may be further restricted in coming days, as a federal court considers whether to pull mifepristone, one of two pills taken for an abortion, off the market. And Walgreens has halted plans to sell the pill in Utah after Attorney General Sean Reyes signed a letter threatening legal action if the chain didn't stop distributing the pill in the mail in states where that's legal.

In response to Walgreen's announcement that it would not offer the pill in Utah and 20 other states, California cut ties with the company.

When asked his thoughts on the court case and Walgreens' decision, Cox said, "I don't know that I have any thoughts on top of what I've already shared."

Education

Addressing failed bills that took on diversity, equity and inclusion measures, and whether such programs are important to preserve, Cox said, "There's good diversity and inclusion, and there's not good diversity and inclusion."

"I think it is important that we work to make sure that everyone feels included, but we don't have to exclude people to make that happen," Cox said. "And that's unfortunately, what happens with some of these DEI programs."

The reason he signed a bill from Rep. Tim Jimenez, R-Tooele, is because he felt comfortable with the way the bill was changed. The bill sets boundaries for what curriculum can be used by teachers, especially when it comes to teaching about race and gender.

The state's largest teachers union, the Utah Education Association, opposed the bill "because of concerns about how an administrator or parent may interpret what educators can or can't say in a classroom."

"Most Utahns, if they just read the language of that bill, it makes sense to them," Cox said. "Just saying, you know, you can't blame kids for things that happened many years ago."

Bills under review

A bill that would require someone interested in playing sports or participating in an extracurricular activity at a private or public school to provide certain identifying documentation, potentially excluding children without citizenship documentation, will receive Cox's signature, he said.

Concerns that it would exclude some children had not been brought to his attention until after the bill passed, he said. Cox added that he has spoken with the bill's sponsor and that if it has a negative impact, "we will call a special session to come in and change the bill."

Another controversial bill that would allow year-round cougar hunting is under review by the governor, who said he hasn't made a decision as to whether he will sign it.

"I'm less concerned than I was as I've gotten more information and looked at it," Cox added.

Cox said that although there was a list of 35 to 40 proposed bills that he had planned on vetoing, there aren't any that he will refuse to sign right now.

"All of them either died or didn't pass, or were changed substantially," he said.

DROUGHT » WATER RIGHTS FOR CITIES AND FARMS



FRANCISCO KJOLSETH | The Salt Lake Tribune

Capacity at Pineview and other reservoirs continues to fall in the face of a historic drought. Shortages have deepened the divide between cities and farmers who are reluctant to lease their water rights and city growth that can eat up prime farmland.

Farmers have yet to lease water to help Great Salt Lake

Moving Utah's water downstream is a complicated and controversial process.

By LEIA LARSEN | The Salt Lake Tribune

Utah lawmakers retooled water policy in recent years so the state could pay farmers to lease their water for the benefit of the Great Salt Lake.

The state's leaders, policymakers and water experts say it's one of the most flexible and fastest ways to address water shortages and debilitating drought. They even created a \$40 million trust last year to help pay for leases.

The lake needs urgent action before its ecosystem completely collapses and its drying lakebed dust poisons millions of people living along the Wasatch Front.

But many farmers have expressed reluctance about participating in the new water leasing program. The Salt Lake Tribune spoke to irrigators throughout the Great Salt Lake basin to understand why.

Here's what they told us.

Farmers are frustrated with city-dwellers blaming them for Utah's water woes.

Drought and water shortages has seems to have deepened the schism between rural and urban Utah residents. Farmers

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cluded the request in a speech to public officials during his

nate" to use grant funding for the hiring at first, rather than

Please see COMMISSION, Page A4

CHANGING PURPOSE



DON ALLPHIN, SPECIAL TO THE DAILY HERALD

This undated photo shows the space between the shoreline and the ice cap at Strawberry Reservoir as the spring ice-off begins for Utah bodies of water.

South County cities pursue converting use of Strawberry Reservoir

BY SARAH HUNT
Daily Herald

As it stands, the Strawberry Valley Project makes up approximately 45,000 acres located to the east of Spanish Fork, on the other side of the Wasatch Mountains. For over 100 years, the project has been a priority of the U.S. Bureau of Reclamation and the federal government.

On Tuesday, the Spanish Fork city council unanimously approved sending a letter — drafted by the mayors of Payson, Spanish Fork and Salem — requesting assistance from the U.S. Bureau of Reclamation in converting the Strawberry Reservoir from farm to city use. A majority of water from the Strawberry Valley Project is delivered to Bonneville Basin, the Central Utah Project's biggest supply of water.

"Project features include Strawberry Dam and Reservoir, Indian Creek Dike, Strawberry Tunnel, two diversion dams, three powerplants, a main canal system, and a portion of

the lateral system," reads the Bureau of Reclamation's website.

In the letter, officials state their belief that, under the 1920 Miscellaneous Purposes Act, the water use can be converted to industrial and municipal purposes by the bureau. It argues that Water Dedication Agreements currently being used take too much time to make and put into effect, causing needless expense to the city as well as shareholder frustration and confusion.

Seth Perrins, Spanish Fork's city manager, explained the purpose of the letter to members of the city council.

"This doesn't take away water from the agricultural uses, but it does allow for easier conversion for those that want to convert it. And there are times and reasons where conversion should and maybe even must happen. And it is very, very difficult. So working together with the Strawberry Water Users Association, we

have identified a good path forward, and now would ask for your support as the mayor signs this letter," Perrins said.

Mayor Mike Mendenhall, son and grandson of two Spanish Fork River water commissioners, praised members of the Strawberry Water Users Association while advocating for the change.

"I think the feelings between cities and the Strawberry Water Users Association is as good as they've ever been right now. ... These are good people, good board members of an organization that loves what they do. Some of them farm and have a big history in this valley," Mendenhall said. "We appreciate them being at the same table and all of us together solving water issues. It's not a year that we should have water issues, but we live in a desert, and this is a big deal."

Dave Tuckett, Payson city manager, called the Strawberry Valley Project a "great asset" to Payson and the region as a whole.

Cox signs bills helping Great Salt Lake into law

By BEN WINSLOW | Fox 13 News

Gov. Spencer Cox and Lt. Gov. Deidre Henderson signed a series of bills into law aimed at water conservation and saving the Great Salt Lake.

Last Tuesday, the governor signed 173 bills into law from the 2023 legislative session. But the biggest in the batch were the ones run to protect the lake. They are tied to nearly a half-billion dollars in funding for water conservation measures.

The bills include:

- » HB 491, which creates a “Great Salt Lake Commissioner” to oversee coordinated efforts to save the lake
- » HB 513 authorizes state agencies to take emergency actions to protect the lake’s ecology
- » HB 349 prohibits future water re-use projects in the Great Salt Lake watershed. While water re-use is beneficial in some places, environmentalists have warned it could steal water from the lake
- » SB 118 expands “turf buyback” programs in Utah, offering more money to get people to ditch their lawns
- » SB 227 authorizes about \$200 million for “agriculture

optimization,” which is technology to help farmers and ranchers grow crops with less water

» HB 307 creates “Utah Water Ways,” a new public/private partnership to promote water conservation in the state

The governor also signed a major air quality bill that is tied to the Great Salt Lake. House Bill 220 targets US Magnesium.

A recent study blamed the company for roughly 25% of the air pollution along the Wasatch Front. The bill allows Utah’s Department of Environmental Quality to regulate bromine emissions. US Magnesium has denied being responsible for it and has said the bill will not do much.

“Exciting to see the full backing of state leadership to address our air quality concerns!” the environmental group O2 Utah said in a text message to FOX 13 News upon being informed of the bill being signed into law.

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Fox 13 News

Gov. Spencer Cox and Lt. Gov. Deidre Henderson sign 173 Great Salt Lake bills last week.