



**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT

**BOARD MEETING  
OF THE BOARD OF TRUSTEES  
SEPTEMBER 13, 2023**

January 11, 2023

February 8, 2023

March 8, 2023

April 12, 2023

May 10, 2023

June 7, 2023

July 12, 2023

August 9, 2023

**September 13, 2023**

October 11, 2023

November 8, 2023

December 6, 2023



JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**ACRONYMS AND ABBREVIATIONS**

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

## **COMMON CONSENT ITEMS**

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

(Unapproved and subject to change)

August 9, 2023

A regular Board meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held both in person and electronically on Wednesday, August 9, 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  
Sherrie L. Ohrn  
Mick M. Sudbury  
John H. Taylor  
Barbara L. Townsend

Trustees Not Present:

Karen D. Lang  
Dawn R. Ramsey

Staff Present:

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 and Chief Engineer  
Mark Stratford, General Counsel (electronic)  
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  
Cynthia Bee, Public Information Officer  
Courtney Brown, Conservation Manager (electronic)  
Margaret Dea, Senior Accountant (electronic)  
Martin Feil, Database Administrator (electronic)  
Kelly Good, Communications Division Manager  
Josh McDougal, Network Administrator  
Ben Purdue, Right-of-Way and Property Manager  
Kevin Rubow, Registered Engineer  
Conor Tyson, Staff Engineer

Also Present:

Shelbey Brewer, Engineer, South Salt Lake City (electronic)



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Dakota Cambruzzi, HR Manager, Granger-Hunter Improvement District (electronic)  
Mark Chalk, General Manager, Taylorsville-Bennion Improvement District (electronic)  
Clint Dilley, General Manager, Magna Water District (electronic)  
Justun Edwards, Public Works Director, Herriman City  
Raymond Garrison, Associate Director of Public Works, South Jordan City  
Jason Helm, General Manager, Granger-Hunter Improvement District (electronic)  
Nathaniel Jones, Project Manager, Hansen, Allen & Luce  
Jason Luettinger, Principal, Bowen Collins & Associates  
Brien Maxfield, Senior Engineer, Draper City  
Stacie Olson, Water Director, Riverton City (electronic)  
Ana Paz, Associate Engineer, South Jordan City (electronic)  
David Robertson, Vice President, Lewis Young Robertson and Burningham  
Mike Whippey, Assistant General Manager, CUWCD  
Wayne Winsor, Assistant General Manager/Chief Engineer, Metropolitan Water District of Salt Lake and Sandy

**Call to order and introduction of visitors**

Mr. Corey Rushton, Chair, convened the Board meeting of the Jordan Valley Water Conservancy District Board of Trustees at 3:03 p.m. on Wednesday, August 9, 2023. Mr. Rushton introduced the members of the Board and the public who joined the meeting both in person and electronically. Ms. Karen Lang and Ms. Dawn Ramsey were excused from the meeting.

**Approval of common consent items**

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Mr. Rushton presented the minutes of the Executive Committee meeting held July 10, 2023, and the regular Board meeting held July 12, 2023. He also presented the July 2023 Trustees' Expenses Report. Mr. Rushton called for a motion. Mr. Mick Sudbury moved to approve the minutes of the July 10 and July 12 meetings. Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

Mr. Mick Sudbury moved to approve the July 2023 Trustees' Expenses Report, Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

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**Public comments**

There were no public comments.

**Core Mission Reports**

Ms. Shazelle Terry, Assistant General Manager, reviewed the Municipal and Industrial (M&I) Water Deliveries report through July 2023, the Wholesale Contract Progress report for each Member Agency, the Wholesale and Retail Actual and Projected Deliveries report, and the Provo River Reservoirs Update.

**Water supply update**

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**Water quality update** Ms. Terry provided a status report on the Utah Watershed Council. She explained that the Utah Legislature passed the Watershed Councils Act in 2020 which authorized and directed the Utah Division of Water Resources (DWR) to create the Utah Watersheds Council which includes twelve local watershed councils. Five of these watershed councils will comprise the Great Salt Lake Watershed Council and four of these five councils are now certified. Ms. Terry shared information on the Utah Watershed Council webpage and explained that JWCD participates in the Utah, Jordan River, and Utah Lake Watershed Councils.

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**Standing Committee Reports** Mr. Brian McCleary, Controller, reviewed the Financial Report for June 2023 which shows that JWCD ended the 2022/2023 fiscal year \$3.1 million over the budgeted Net Revenues after Debt Service. This is a result of both water sales and expenses being lower and interest income being higher than budgeted for the fiscal year. Mr. McCleary also reviewed the Income Statement for both June 2023 and fiscal year 2022/2023. He said these numbers are based on an unaudited modified accrual basis.

**Finance update**

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**Conservation update** Mr. Matt Olsen, Assistant General Manager, reported that Magna Metro Township recently adopted a landscape ordinance which fully conforms to JWCD's Water Efficiency Standards. He also reported that the landscape ordinance for South Salt Lake City was recently adopted qualifying them to receive state funding for turf removal programs in the city. As staff reviewed the South Salt Lake City ordinance, they found that the city would be eligible for additional funding if they adjusted the ordinance to fully conform with the JWCD's Water Efficiency Standards.

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**Conservation, Communications, and Information Systems activities** Mr. Olsen said JWCD entered into an agreement with the DWR approximately five years ago when the Utah Water Savers website and management portal (Website) was developed. JWCD designed the Website for administering water conservation related programs in its service area, and it was later expanded in partnership with DWR to offer a variety of programs statewide. This proposed agreement would extend the shared use period for the Website until July 15, 2027, and additional services would be authorized including Website enhancements; implementation of a statewide landscape incentive program; and support for a staff member to manage the Website. Mr. Olsen recommended approval of an agreement with the Utah Division of Water Resources to compensate JWCD for shared use of the Utah Water Savers website.

**Consider approval of an agreement with the Utah Division of Water Resources for shared use of the Utah Water Savers website**

Mr. Rushton called for a motion on the recommendation. Ms. Sherrie Ohrn moved to approve an agreement with the Utah Division of Water Resources for shared use of the Utah Water Savers website. Following a second by Mr. Mick Sudbury, the motion was approved by those present as follows:

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

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**Consider approval of a Member Agency Water Efficiency Standards Funding Agreement with Herriman City**

Mr. Olsen said Herriman City is seeking funding assistance for costs related to implementing the Water Efficiency Standards. This grant would help fund a full-time Water Conservation Coordinator staff position that assists in ensuring compliance with the Water Efficiency Standards and oversees Herriman City's water conservation programs. Mr. Olsen recommended approval of a Member Agency Water Efficiency Standards Funding Agreement with Herriman City in the amount of \$55,867.

Mr. Rushton called for a motion on the recommendation. Ms. Sherrie Ohrn moved to approve a Member Agency Water Efficiency Standards Funding Agreement with Herriman City in the amount of \$55,867. Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

**Engineering Activities**

**Consider authorization to award a construction contract for JWVTP Elevator Modernization**

Mr. Jacob Young, Deputy General Manager, said that after 22 years of continuous service, the elevator at JWVTP is aging, requires frequent maintenance, and staff are finding that replacement parts are difficult to obtain. For this reason, staff desire to modernize the elevator to provide reliable equipment and additional years of service. The elevator modernization will consist of replacing worn-out and obsolete components. Mr. Young recommended authorization to award a construction contract for Jordan Valley Water Treatment Plant Elevator Modernization to TK Elevator, LLC in the amount of \$322,500.

Mr. Rushton called for a motion on the recommendation. Mr. Reed Gibby moved to authorize the award of a construction contract to TK Elevator, LLC in the amount of \$322,500 for Jordan Valley Water Treatment Plant Elevator Modernization. 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 – not present	Ms. Ohrn – aye
Ms. Ramsey – not present	Mr. Rushton – aye
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend – aye	

**Consider authorization to award an engineering services contract for Back-up Power Generation Project Phase II**

Mr. Young said one of the JWVCD's level of service goals is to meet indoor water demands in the event of an extended system-wide power outage. In order to achieve this goal, back-up power is needed at key pump stations, treatment plants, and wells. This project is the second phase of the generator project and will include the evaluation of the existing emergency power generation equipment and pumping capacity within each zone to meet indoor demands and to equip additional critical pumping facilities with standby electric generation equipment. This project was selected to receive up to \$2,870,000 in federal funding. Mr. Young recommended authorization to award an engineering services contract for Back-up Power Generation Project Phase II to AE2S in the amount of \$611,000.

Mr. Rushton called for a motion on the recommendation. Mr. Mick Sudbury moved to authorize the award of an engineering services contract in the amount of \$611,000 to AE2S for Back-up Power Generation Project Phase II. Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

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

**Consider authorization to award an engineering services contract for 2024 Vault Improvement Project**

Mr. Young said the proposed contract is for design and construction management services for an ongoing program to renew and replace aging infrastructure. The project includes the rehabilitation of piping and valves in five vaults and the relocation of an additional vault due to access safety concerns. Cost-sharing will include 50% of one vault for Draper City and one vault for WaterPro pending cost-share agreements. Mr. Young recommended authorization to award an engineering services contract for 2024 Vault Improvement Project to Hansen, Allen & Luce, Inc. in the amount of \$481,972.

Mr. Rushton called for a motion on the recommendation. Mr. Reed Gibby moved to authorize the award of an engineering services contract to Hansen, Allen & Luce in the amount of \$481,972 for 2024 Vault Improvement Project. 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 – not present	Ms. Ohrn – aye
Ms. Ramsey – not present	Mr. Rushton – aye
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend – aye	

**Consider approval of Master Agreement with UDOT for Mountain View Corridor – Porter Rockwell to 2100 North**

Mr. Young reported that UDOT is preparing to extend Mountain View Corridor from Porter Rockwell Boulevard in Herriman to 2100 North in Lehi. JVVCD owns and operates a 48-inch welded steel pipeline which will be impacted by this project. The agreement sets forth terms and conditions regarding its protection and accommodation under UDOT's project. Mr. Young recommended approval of a master agreement with Utah Department of Transportation for Mountain View Corridor – Porter Rockwell to 2100 North and authorize the General Manager, Deputy General Manager, and General Counsel to make minor revisions as necessary and execute the agreement.

Mr. Rushton called for a motion on the recommendation. Ms. Sherrie Ohrn moved to approve a master agreement with Utah Department of Transportation for Mountain View Corridor – Porter Rockwell to 2100 North and authorize the General Manager, Deputy General Manager, and General Counsel to make minor revisions as necessary and execute the agreement. Following a second by Mr. Reed Gibby, the motion was unanimously approved by those present as follows:

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

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**Consider approval of a water lease and collaboration agreement for release of water to Great Salt Lake**

Mr. Mark Stratford, General Counsel, said that as result of the excellent water year, JWCD was able to deliver water to the Welby Jacob Water User’s Company (Company) from the Provo River and not use storage out of Utah Lake. As a result, and because of the needs of Great Salt Lake, this water lease and collaboration agreement would allow for JWCD owned shares in the Company (approximately 5,273 acre-feet) to be released to the Jordan River and Great Salt Lake, as well as 2,000 acre-feet of Company rights. The release would be in collaboration with Utah Division of Wildlife Resources, Utah Division of Forestry Fire and State Lands, the National Audubon Society, and the Nature Conservancy. Mr. Stratford recommended approval of a water lease and collaboration agreement for release of water to Great Salt Lake and authorize the General Manager and General Counsel to make minor revisions and authorize the General Manager to execute the agreement.

Mr. Rushton called for a motion on the recommendation. Mr. Reed Gibby moved to approve a water lease and collaboration agreement for release of water to Great Salt Lake and authorize the General Manager and General Counsel to make minor revisions and authorize the General Manager to execute the agreement. 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 – not present	Ms. Ohrn – aye
Ms. Ramsey – not present	Mr. Rushton – aye
Mr. Sudbury – aye	Mr. Taylor – aye
Ms. Townsend – aye	

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**Reporting Items**

Mr. Young provided a summary of the trustees’ reports to City Councils and County Council regarding a proposed property tax increase. He thanked the Board for their willingness to participate in the various council meetings in order to report on our intention to increase the tax and request the councils’ sentiments on the proposal. Mr. Rushton expressed concern regarding being able to differentiate between what were opinions and what were sentiments from the various comments received from the councils. Ms. Ohrn said that one city council meeting she attended expressed concern that taxes were being used to support new growth, and she appreciated staffs assistance in providing additional information to the city council members on what property tax revenues are used for.

Mr. Olsen said the JWCD Strategic Plan (Plan) is intended to be a guide for the next five years and reviewed the steps taken so far to update the Plan. He reviewed the five core imperatives that have been developed through this process and said these will be used to develop objectives, priorities, and performance indicators. He reviewed a tentative schedule for completion of the updated Plan. Mr. Ruston expressed concern that some of the core imperatives are very prescriptive, and others are

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aspirational. He suggested staff be aware of and evaluate unintended consequences of the various core imperatives as they develop the final Plan.

Mr. Young reviewed the routine reporting items which included: easement encroachment agreements signed by the General Manager, performance indicators for June 2023, and media coverage. Mr. Shane Swensen, Engineering Department Manager and Chief Engineer, reported on the 2022/2023 fiscal year end capital projects budget indicating \$54.3 million was budgeted and \$43.5 million was spent. Mr. Olsen reported that the 2022 Annual Report has been published and distributed.

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**Upcoming meetings**

Mr. Rushton reviewed the upcoming meetings including the Conservation Committee meeting, Monday, September 11 at 3:00 p.m.; Executive Committee meeting, Monday, September 11 at 3:30 p.m.; and regular Board meeting, Wednesday, September 13 at 3:00 p.m.

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**Closed meeting**

Mr. Rushton proposed to convene a closed meeting at 4:19 p.m. to discuss character and professional competency of an individual. Ms. Sherrie Ohrn moved to go into closed session for the discussion. Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

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The closed meeting convened at 4:31 p.m. with the following Trustees present: Mr. Reed Gibby, Mr. Zach Jacob, Ms. Sherrie Ohrn, Mr. Corey Rushton, Mr. Mick Sudbury, Mr. John Taylor, and Ms. Barbara Townsend. Also present were: Alan Packard, General Manager; Jacob Young, Deputy General Manager; Matt Olsen, Assistant General Manager; Shazelle Terry, Assistant General Manager; Mr. Dave Martin, Chief Financial Officer; Mr. Kurt Ashworth, Human Resources Manager; and Beverly Parry, Executive Assistant.

Alan Packard, Jacob Young, Matt Olsen, Shazelle Terry, Dave Martin, Kurt Ashworth, and Beverly Parry were excused from the meeting for the discussion.

No votes or actions were taken during the closed meeting.

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**Open meeting**

The open meeting reconvened at 5:37 p.m.

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**Adjourn**

Mr. Rushton called for a motion to adjourn. Mr. Zach Jacob moved to adjourn. Following a second by Ms. Barbara Townsend, the meeting adjourned at 5:38 p.m.

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Corey L. Rushton, Chair of the Board of Trustees

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Alan E. Packard, District Clerk

**MINUTES OF THE PUBLIC HEARING OF THE  
BOARD OF TRUSTEES OF JORDAN VALLEY WATER CONSERVANCY DISTRICT**

(Unapproved and subject to change)

Held August 9, 2023

A public hearing of the Board of Trustees of the Jordan Valley Water Conservancy District was held in person and electronically on Wednesday, August 9, 2023, at 6:00 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  
Sherrie L. Ohrn  
Dawn R. Ramsey  
Mick M. Sudbury  
Lyle C. Summers  
Barbara L. Townsend  
John H. Taylor

Trustees Not Present:

Karen D. Lang

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  
Brian Callister, Maintenance Department Manager  
Shane Swensen, Engineering Department Manager and Chief Engineer  
Mark Stratford, General Counsel (electronic)  
David Martin, Chief Financial Officer/Treasurer  
Kurt Ashworth, Human Resources Manager  
Beverly Parry, Executive Assistant  
Mindy Keeling, Administrative Assistant  
Margaret Dea, Senior Accountant (electronic)  
Martin Feil, Database Administrator (electronic)  
Kelly Good, Communications Division Manager

Also Present:

David Gustin, 38 West 13775 South, Draper, UT 84020

**Call to order and  
introduction of  
visitors**

Mr. Corey L. Rushton, Chair, convened the public hearing of the Jordan Valley Water Conservancy District Board of Trustees at 6:03 p.m. on Wednesday, August 9, 2023, in the District administration building located at 8215 South 1300 West, West Jordan, Utah. Mr. Rushton gave instructions on how to make comments for those joining electronically and wishing to



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speak. He introduced the members of the Board and visitors attending in person and electronically. Ms. Karen Lang was excused.

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**Public Hearing for a proposed tax rate increase and for the budget and financial plan for fiscal year 2023/2024**

Mr. Rushton called to order the public hearing to consider a proposed property tax rate increase and the budget and financial plan for fiscal year 2023/2024.

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**Verification of legal notification requirements**

Mr. Rushton asked Mr. Mark Stratford, General Counsel, to report on verification of legal notification requirements for the public hearing. Mr. Stratford verified that the District had given legally sufficient public notice of the public hearing in compliance with the requirements of Utah law and the District's procedures. A combined notice was published by both Salt Lake County and Utah County in the newspaper; and JVVCD published a notice in the newspapers as well as posted notice on the Utah Legal, the JVVCD, and the Utah Public Notice websites. A physical notice was also posted in the foyer of the JVVCD principal office and the Conservation Education Center.

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**Motion to open public hearing**

Mr. Rushton called for a motion to open the public hearing. Mr. Mick Sudbury moved to open the public hearing. Following a second by Ms. Barbara Townsend, the motion was unanimously approved by those present as follows:

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

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**Comments from the Finance Committee Chair**

Mr. John Taylor, Finance Committee Chair, said it is difficult at times to maintain infrastructure to provide maximum flows when needed and plan for future growth, while at the same time promoting water conservation. He expressed appreciation to staff and consultants for the work which has gone into developing water rates, property tax rates, and the proposed budget and financial plan.

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**Staff presentation**

Mr. David Martin, Chief Financial Officer, reviewed the current boundaries of the District's service area and the purposes of water conservancy districts. He said population increases and changes in climate are taken into consideration when developing long-term planning and proposed water rate and tax rate increase. Mr. Martin stated the District also has a capital projects plan that is updated and prioritized annually. Capital project needs drive the 10-year capital projects plan and includes millions of dollars in capital costs over the next 10 years. In addition to supplying water, JVVCD has promoted water conservation by developing Water Efficiency Standards, which have been adopted by many cities, and water conservation programs to assist the public with conserving water. He

explained that property tax is one of three major funding sources for the District, the other two being water rates and capital funding through borrowing or issuance of bonds. He explained how these three funding sources work together to provide the revenue and funds needed for JVVCD to develop and supply the water for its service area.

Mr. Martin explained the purpose of the proposed property tax increase is to maintain the existing balanced plan, supports the 2023/2024 budget in generating PayGo Capital to fund replacement projects, and supports bonding/borrowing to fund new infrastructure and facilities.

Mr. Martin said the certified tax rate for the District is 0.000312, and the proposed property tax rate following the increase would be 0.000341. The tax rate increase would increase the District's revenues by \$2,292,075. The average homeowner would have a property tax increase of \$8.90 per year (for a \$558,000 value residence) and a business of the same value would have a property tax increase of \$16.18 per year. The average home value was provided by the County Assessor's office and is the average value in the District's service area. Mr. Martin reviewed how the certified tax rate is calculated. He explained that when property values rise, property tax rates must fall to keep tax revenue stable. As a result, JVVCD's property tax rate must be increased in order to generate revenues to meet its financial needs.

Mr. Martin stated the total annual cost of water service for an average household valued at \$558,000 with the proposed tax increase is \$105 in property taxes and \$398 in water charges based on the District's retail water rates, for a total of \$503 per year, based on an average of 162 thousand gallons per year. This would be an overall annual increase of \$34 or 7.2% over last year.

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**Questions from Trustees**

There were no questions from Trustees.

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**Invitation for public comments**

**-Acknowledgement of public comments received**  
**-Comments from visitors**

Mr. Alan Packard, General Manager, reported that once it was determined that a property tax rate increase would be needed, the municipalities that nominate trustees were contacted and a request was made for trustees to have an opportunity to report on the proposed tax rate increase and get sentiment from the city/county councils. A summary of the questions and comments received from the various councils was provided in the Board packet. Mr. Martin reported that no comments were received from the public prior to the public hearing. Mr. Rushton invited comments from the public.

Mr. David Gustin, Draper, Utah, said he owns both commercial and residential land in Draper. He said he appreciated the presentation from Mr. Martin which was helpful and informative. He said he recognizes that marshalling the assets and expenditures of a public budget is challenging. He expressed his feeling that because of the tax burden placed on property owners, it feels that he is renting his property from the government.

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**Motion to close public comment session**

Mr. Rushton called for a motion to close the public comment session. Mr. Mick Sudbury moved to close the public comment session. Following a second by Ms. Sherrie Ohrn, the motion was unanimously approved by

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those present as follows:

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

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**Staff response and summary**

Mr. Rushton said that JWCD has a very focused and directed spending process in that JWCD’s budget is based on cost of service. Mr. Packard expressed appreciation for the concern of taxpayers about the rising tax burden. He explained that during the JWCD budget process, staff are consistently asked to reduce spending without impairing level of service or create a liability by not repairing and replacing aging infrastructure. He explained that JWCD’s practice has been to attempt to generate the necessary revenues with a combination of water rate and property tax increases. Mr. Packard explained that there are laws in place which exempt certain entities from property taxes, and this is out of JWCD’s control. He understands that there may be perceived inequities in the property tax burden, but there are services, such as fire protection, that are a benefit to everyone without regard to the amount of water they consume. Mr. Martin explained how there is a shift in the relative tax burden each year depending on changes in residential and commercial property values.

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**Motion to close public hearing**

Mr. Rushton called for a motion to close the public hearing. Mr. John Taylor moved to close the public hearing. Following a second by Mr. Mick Sudbury, the motion was unanimously approved by those present as follows:

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

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**Financial Matters**

**Consider adoption of Resolution No. 23-15, “Determining and Fixing Jordan Valley Water Conservancy District’s Tax Rate for Fiscal Year 2023/2024”**

Mr. Martin recommended approval of Resolution No. 23-15, “Determining and Fixing Jordan Valley Water Conservancy District’s Tax Rate for Fiscal Year 2023/2024” and Resolution No. 23-16, “Adopting Jordan Valley Water Conservancy District’s Budget and Financial Plan for Fiscal Year 2023/2024.”

Mr. Rushton called for a motion on the recommendation. Ms. Barbara Townsend moved to approve Resolution No. 23-15, “Determining and Fixing Jordan Valley Water Conservancy District’s Tax Rate for Fiscal Year 2023/2024.” Following a second by Mr. Reed Gibby, the motion was unanimously approved by those present as follows:

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

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**Consider adoption  
of Resolution No.  
23-16, “Adopting  
Jordan Valley  
Water  
Conservancy  
District’s Budget  
and Financial Plan  
for Fiscal Year  
2023/2024”**

Ms. Sherrie Ohrn moved to approve Resolution No. 23-16, “Adopting Jordan Valley Water Conservancy District’s Budget and Financial Plan for Fiscal Year 2023/2024.” Following a second by Mr. Reed Gibby, the motion was unanimously approved by those present as follows:

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

**Adjourn**

Mr. Rushton called for a motion to adjourn. Mr. Mick Sudbury moved to adjourn. Following a second by Mr. Zach Jacob, the meeting adjourned at 6:50 p.m.

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Corey L. Rushton, Chair of the Board of Trustees

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Alan E. Packard, Clerk

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

**August 2023**

Meeting			Board Meeting/ Public Hearing August 9, 2023	Per Diem To Date for 2023 (Maximum 12)	Total Miles	Mileage \$.62 per mile	Total Per Diem	Total Amount
<b>Trustee</b>								
Gibby, Reed			X	12	30.0	\$18.60	\$ 60	\$ 78.60
Jacob, Zach			X	5	14.0	\$8.68	\$ 60	\$ 68.68
Lang, Karen				3	0.0	\$0.00	\$ -	\$ -
Ohrn, Sherrie			X	7	27.0	\$16.74	\$ 60	\$ 76.74
Ramsey, Dawn			X	5	20.0	\$12.40	\$ -	\$ 12.40
Rushton, Corey			X	0	20.0	\$12.40	\$ -	\$ 12.40
Sudbury, Mick			X	0	29.0	\$17.98	\$ -	\$ 17.98
Taylor, John			X	0	8.6	\$5.33	\$ -	\$ 5.33
Townsend, Barbara			X	3	20.0	\$12.40	\$ -	\$ 12.40
<b>Total</b>								<b>\$ 284.53</b>

# **CORE MISSION REPORTS**

# **WATER SUPPLY UPDATE**

## JORDAN VALLEY WATER CONSERVANCY DISTRICT

*Monthly Summary of Water Deliveries in Acre Feet*

August 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	507.11	470.83	8%	2,465.51	2,398.19	3%	1,103.79	1,007.77	10%
Copperton Improvement District	0.00	13.59	-100%	0.00	24.75	-100%	0.00	24.75	-100%
Draper City	706.77	675.65	5%	3,105.85	3,035.74	2%	1,538.11	1,427.47	8%
Granger-Hunter Improvement District	2,630.04	2,687.55	-2%	12,968.34	13,485.82	-4%	5,543.33	5,669.70	-2%
Herriman City <sup>3</sup>	1,093.02	962.85	14%	4,419.59	4,401.77	0%	2,506.25	2,155.38	16%
Hexcel Corporation	93.11	82.10	13%	668.40	546.55	22%	188.46	163.65	15%
Kearns Improvement District	1,062.64	985.08	8%	5,162.59	5,122.16	1%	2,350.42	2,148.36	9%
Magna Water District	66.11	68.64	-4%	541.07	536.34	1%	133.07	138.25	-4%
Midvale City	410.04	500.22	-18%	2,223.84	1,950.55	14%	895.76	980.76	-9%
Riverton City	613.11	545.54	12%	3,767.08	3,384.30	11%	1,327.25	1,160.82	14%
South Jordan City <sup>3</sup>	2,715.23	2,598.59	4%	12,050.76	11,745.29	3%	5,867.30	5,508.49	7%
City of South Salt Lake	78.09	31.67	147%	820.14	595.00	38%	168.51	90.75	86%
Taylorville-Bennion Improvement District	352.23	493.47	-29%	3,125.30	3,059.73	2%	721.61	781.06	-8%
Utah Div. of Fac. Const. and Mgmt.	16.34	14.52	13%	167.20	274.19	-39%	50.95	30.36	68%
WaterPro, Inc.	235.76	165.64	42%	1,056.77	966.95	9%	629.86	435.46	45%
City of West Jordan <sup>3</sup>	3,141.44	3,040.48	3%	14,391.41	14,523.03	-1%	6,768.46	6,456.67	5%
White City Water Improvement District	0.00	0.00		0.00	0.00		0.00	0.00	
Willow Creek Country Club <sup>6</sup>	6.24	51.92	-88%	182.45	228.70	-20%	84.37	131.80	-36%
<b>Wholesale System Subtotal</b>	<b>13,727.27</b>	<b>13,388.32</b>	<b>3%</b>	<b>67,116.31</b>	<b>66,279.05</b>	<b>1%</b>	<b>29,877.50</b>	<b>28,311.51</b>	<b>6%</b>
Retail System <sup>2</sup>	946.94	1,060.06	-11%	5,150.53	5,012.66	3%	2,235.59	2,230.60	0%
<b>Total Wholesale &amp; Retail</b>	<b>14,674.20</b>	<b>14,448.38</b>	<b>2%</b>	<b>72,266.84</b>	<b>71,291.70</b>	<b>1%</b>	<b>32,113.09</b>	<b>30,542.11</b>	<b>5%</b>

### Other M&I Deliveries

MWDSLS (Treated and Transported) <sup>4</sup>	1,635.41	1,822.60	-10%	6,499.76	7,217.50	-10%	3,616.89	3,657.81	-1%
District Use (Non-revenue) <sup>5</sup>	88.05	86.69	2%	433.60	427.75	1%	192.68	183.25	5%
<b>Other M&amp;I Subtotal</b>	<b>1,723.46</b>	<b>1,909.29</b>	<b>-10%</b>	<b>6,933.37</b>	<b>7,645.25</b>	<b>-9%</b>	<b>3,809.57</b>	<b>3,841.06</b>	<b>-1%</b>
<b>Total M&amp;I Deliveries</b>	<b>16,397.66</b>	<b>16,357.68</b>	<b>0%</b>	<b>79,200.21</b>	<b>78,936.95</b>	<b>0%</b>	<b>35,922.66</b>	<b>34,383.17</b>	<b>4%</b>

### Irrigation and Raw Water Deliveries

Welby Jacob Water Users	4,902.84	4,645.47	6%	18,889.86	19,708.64	-4%	10,600.07	10,497.57	1%
<b>Total Irrigation and Raw Water</b>	<b>4,902.84</b>	<b>4,645.47</b>	<b>6%</b>	<b>18,889.86</b>	<b>19,708.64</b>	<b>-4%</b>	<b>10,600.07</b>	<b>10,497.57</b>	<b>1%</b>
<b>Total Deliveries</b>	<b>21,300.51</b>	<b>21,003.14</b>	<b>1%</b>	<b>98,090.07</b>	<b>98,645.60</b>	<b>-1%</b>	<b>46,522.73</b>	<b>44,880.74</b>	<b>4%</b>

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

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

<sup>3</sup> Contract amount is minimum purchase plus remediated water.

<sup>4</sup> Water treated and transported for MWDSLS by JWCD is delivered to Salt Lake City at 2100 South.

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

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



# Jordan Valley Water Conservancy District

## Wholesale Contract Progress (af)

August 2023

■ Actual % of Contract  
■ Projected<sup>3</sup> % of Contract

Agency Name	Contract Type	Actual % of Contract	Projected <sup>3</sup> % of Contract	Contract Value (af)	Actual Value (af)	Projected Value (af)
Bluffdale City	Conventional	68%	95%	3,600	2,466	3,429
	Deferred Water <sup>4</sup>	0%		71	0	
Draper City	Conventional	82%	115%	3,800	3,106	4,367
	Deferred Water <sup>4</sup>	0%		8	0	
Granger-Hunter Improvement District	Conventional	70%	101%	18,500	12,968	18,628
	Remediated <sup>2</sup>	53%	82%	1,333	704	1,092
Herriman City	Conventional	78%	102%	5,200	4,067	5,311
	Deferred Water <sup>4</sup>	0%		8	0	
Hexcel Corporation	Conventional	93%	123%	720	668	888
	Remediated <sup>2</sup>	53%	82%	667	352	546
Kearns Improvement District	Conventional	69%	99%	7,500	5,163	7,405
	Deferred Water <sup>4</sup>	100%		11	11	
Magna Water District	Conventional	66%	99%	800	530	790
	Deferred Water <sup>4</sup>	100%		11	11	
Midvale City	Conventional	72%	105%	3,085	2,224	3,229
	Deferred Water <sup>4</sup>	100%		0	0	
Riverton City	Conventional	94%	131%	4,000	3,767	5,253
	Deferred Water <sup>4</sup>	100%		0	0	
South Jordan City	Conventional	76%	104%	15,000	11,347	15,598
	Remediated <sup>2</sup>	53%	82%	1,333	704	1,092
City of South Salt Lake <sup>1</sup>	Conventional	17%	103%	1,020	169	1,046
	Deferred Water <sup>4</sup>	100%		0	0	
Taylorsville-Bennion Improvement District	Conventional	66%	99%	4,700	3,125	4,676
	Deferred Water <sup>4</sup>	100%		0	0	
Utah Division of Facilities Construction and Management	Conventional	31%	55%	548	167	302
	Deferred Water <sup>4</sup>	0%		82	0	
WaterPro, Inc.	Conventional	111%	143%	950	1,057	1,362
	Deferred Water <sup>4</sup>	100%		0	0	
City of West Jordan	Conventional	74%	103%	18,500	13,599	19,088
	Remediated <sup>2</sup>	53%	82%	1,500	792	1,228

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

<sup>2</sup>Remediated water is credited first as it becomes available.

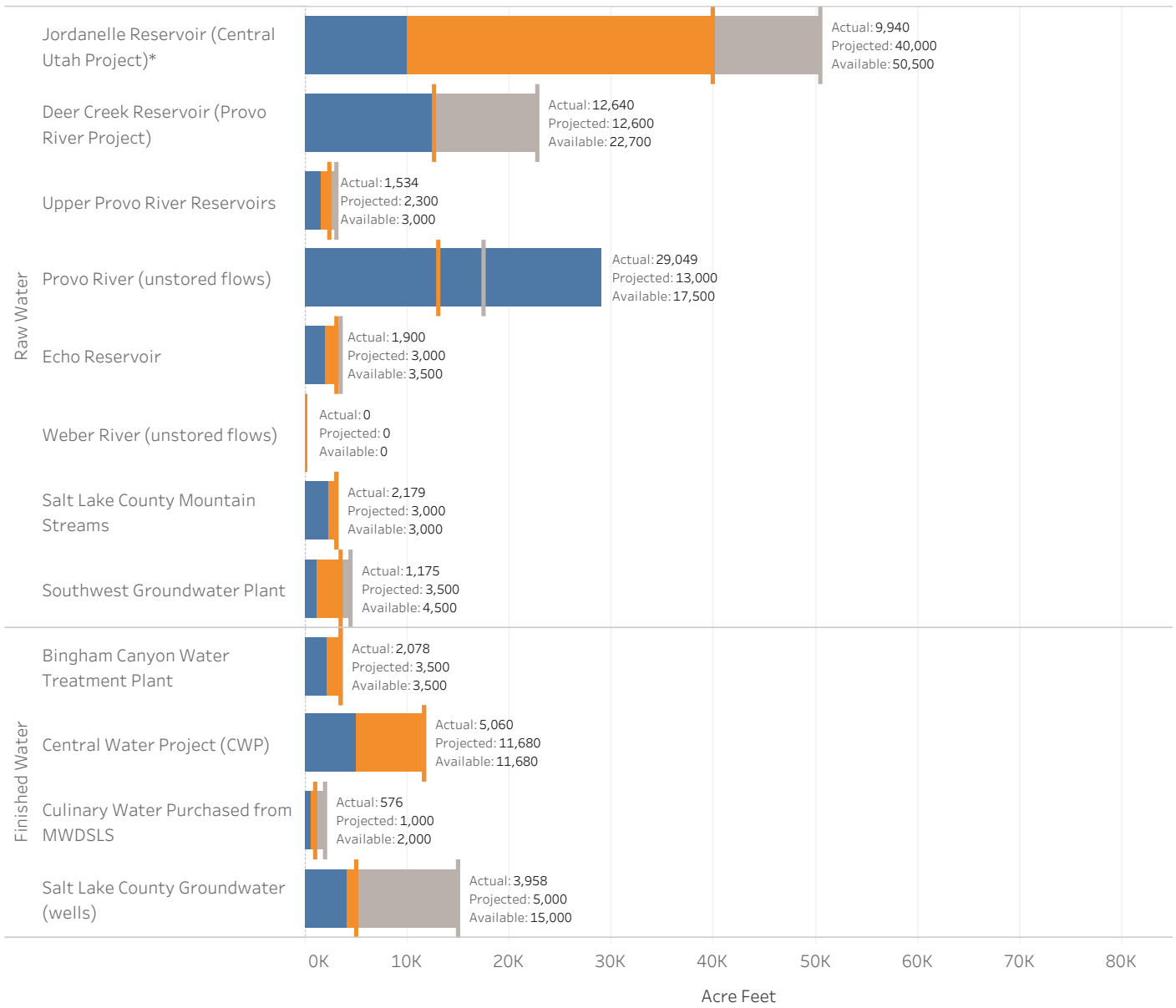
<sup>3</sup>Projected deliveries are calculated as an average monthly delivery over the previous three years for months left in the contract year.

<sup>4</sup>Non-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.

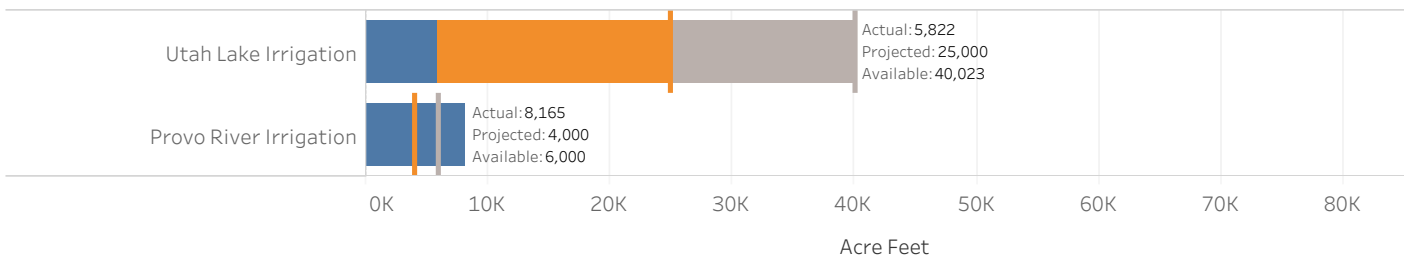
# Jordan Valley Water Conservancy District

■ Actual  
■ Projected  
■ Available

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



Irrigation Water Sources (July 31, 2023)  
Irrigation Season 2023 (April 15, 2023 - October 15, 2024)



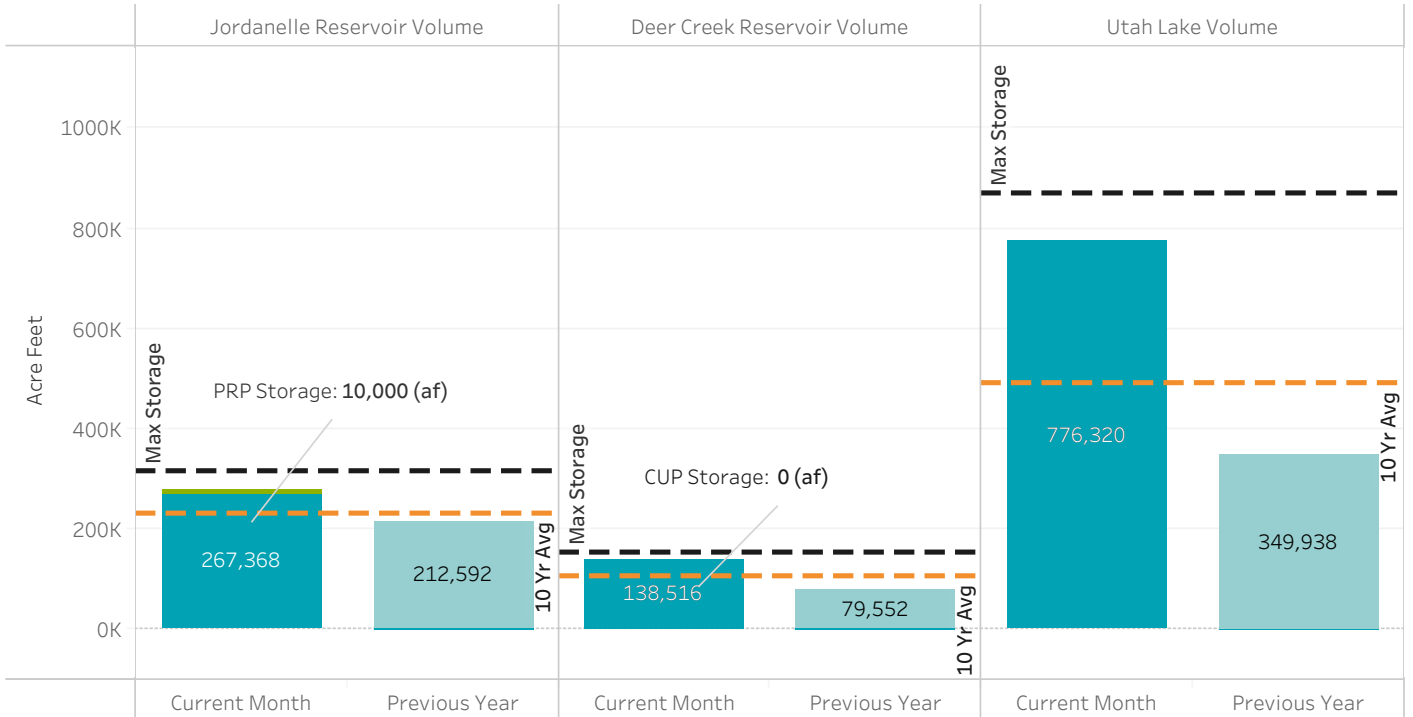
\*Central Utah Project may include holdover water from the previous year.

# Jordan Valley Water Conservancy District

## Provo River Reservoirs Update

September 1, 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.

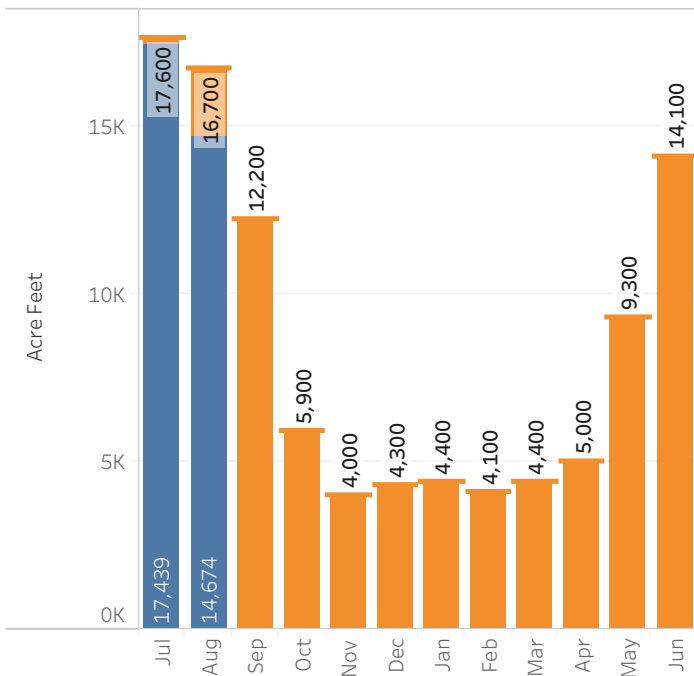
### Wholesale + Retail Actual & Projected Deliveries

FY 2024

Through August 2023

■ Actual

■ Projected



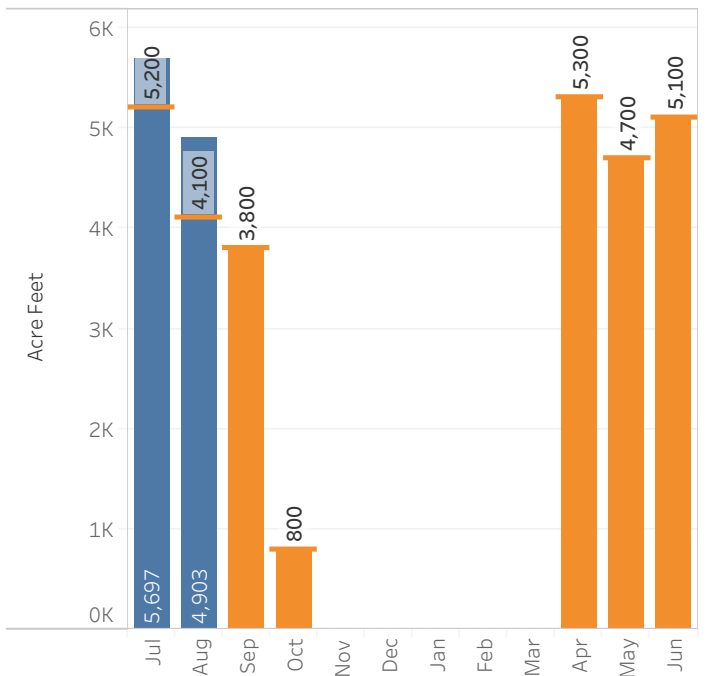
### Irrigation Actual & Projected Deliveries

FY 2024

Through August 2023

■ Actual

■ Projected



# **WATER QUALITY UPDATE**



JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

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Board Meeting

September 13, 2023

# Water Quality Update

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## Utah Lake Water Quality Study



# Utah Lake Current Status

## Beneficial Uses and Impairments

Table 1. Utah Lake Designated Beneficial Uses.

Classification	Description of Beneficial Use
2B – Recreation and Aesthetics	Protected for infrequent primary contact recreation. Also protected for secondary contact recreation where there is a low likelihood of ingestion of water or a low degree of bodily contact with the water. Examples include, but are not limited to, wading, hunting, and fishing.
3B – Aquatic Wildlife	Warm water species of game fish and other warm water aquatic life, including the necessary aquatic organisms in their food chain.
3D – Aquatic Wildlife	Waterfowl, shore birds and other water-oriented wildlife not included in Classes 3A, 3B, or 3C, including the necessary aquatic organisms in their food chain
4 –Agriculture	Protected for agricultural uses including irrigation of crops and stock watering

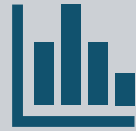
Table 2. Utah Lake 303(d) List Impairments.

Year Listed	Water Body	Parameter	Use Impaired
2002	Utah Lake	Total Dissolved Solids	4 – Agricultural
2002	Utah Lake	Total Phosphorus	3B - Aquatic Life
2010	Utah Lake	PCBs	3B - Aquatic Life
2016	Utah Lake	Harmful algal bloom	2B - Recreational
2016	Provo Bay	Ammonia	3B – Aquatic Life
2016	Provo Bay	pH	3B – Aquatic Life



# Utah Lake WQ Study

Goal: Develop nitrogen and phosphorus criteria that are protective of the lakes designated beneficial uses



Phase 1: Data Gathering and Characterization



Phase 2: Development of in-lake criteria for nitrogen and phosphorus



Phase 3: Implementation planning for Phase 2 criteria



# Phase 1

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## Data Gathering and Characterization



- This Phase of the Study included:
  - Establishment of a Stakeholder Involvement Process
  - Data Management and Compilation
  - Water Quality Assessment and Analysis
  - Source and Nutrient Load Analysis
  - Model Selection and Development
- This Phase has been completed and the Final Phase 1 Report was released by the Division of Water Quality on December 1, 2018





# Phase 1

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## Stakeholder Process and Public Outreach

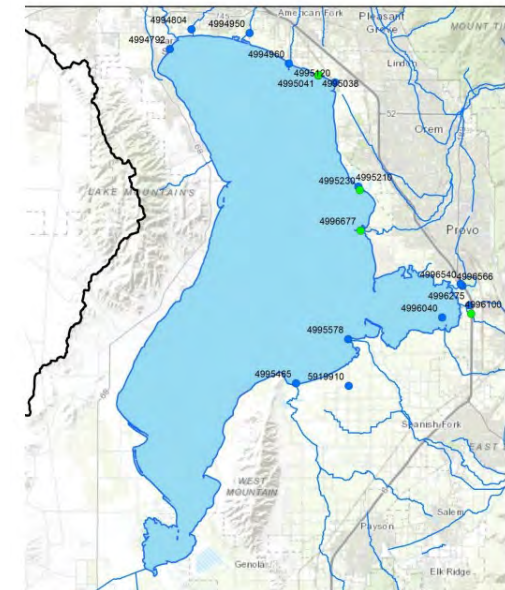
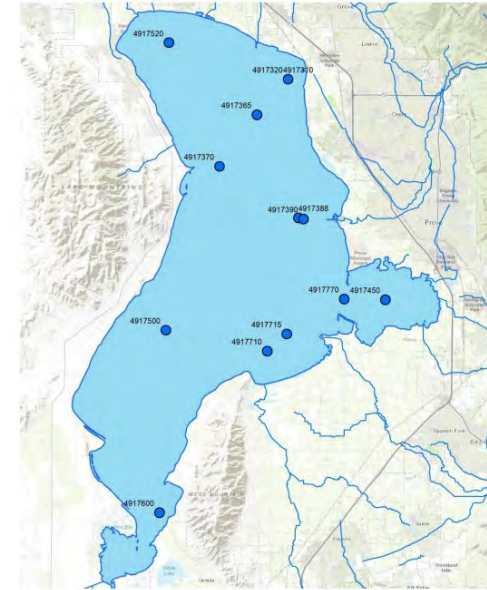
- Original Stakeholder Group assembled in November 2015 included representation from:
  - Utah Lake Commission
  - Local Municipalities
  - Publicly-Owned Treatment Works
  - Water Users
  - Federal, State and Local Agencies
  - Wildlife Groups
  - Agriculture
  - Recreation Groups
  - Local Universities
- The Original Stakeholder Group was later reorganized into a Steering Committee (16 members) and a Science Panel (10 members).
- All Steering Committee and Science Panel meetings were conducted by an independent professional facilitator.



# Phase 1

## Data Management and Compilation

- Completed an effort to identify and compile all existing relevant data.
- During 2015 and 2016 the Division of Water Quality (DWQ) coordinated a multi-organizational monitoring effort to gather additional data and fill in gaps.
  - Monitoring was conducted at representative open-water sites as well as tributaries to Utah Lake.
- DWQ created a single Utah Lake Water Quality Database to house all data collected to support the study and future actions.





# Phase 1

## Water Quality Assessment and Analysis

- Completed an effort to re-evaluate, confirm, clarify, or expand on the beneficial use assessment for Utah Lake as part of DWQ's 2016 Integrated Report.
- Provided a baseline analysis of relevant water quality parameters including an analyses of temporal and spatial trends and the relationships among water quality parameters in support of the broader Utah Lake study process.



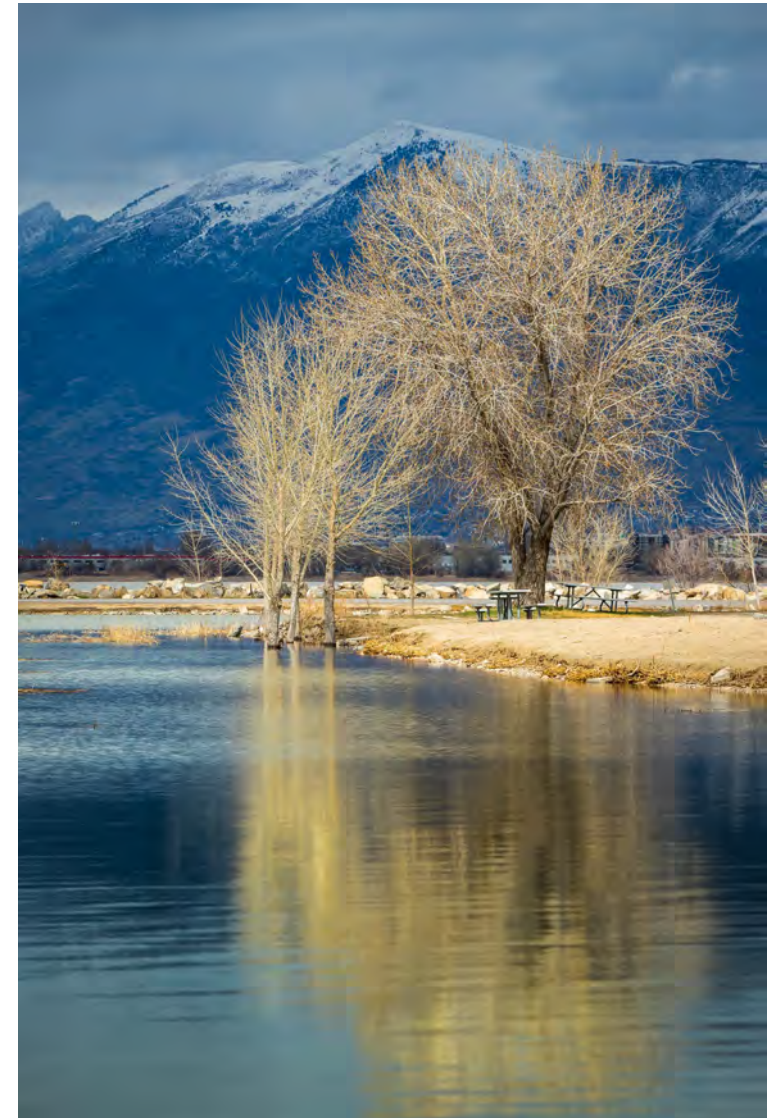


# Phase 1

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## Source and Nutrient Load Analysis

- Evaluated the existing Utah Lake water budget and loading analyses and identified on going efforts that are needed to address existing gaps and limitations.
  - Flow and nutrient loading were considered separately as both Bulk Loading (water and loading delivered directly to the lake) and Source Allocation (nutrient loading from significant sources throughout the watershed).





# Phase 1

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## Model Selection and Development

- Evaluated various models and selected the Environmental Fluid Dynamics Code hydrodynamic model coupled with the Water Quality Simulation Program water quality model to support the following:
  - Determine the relationship of phosphorus and nitrogen to water quality endpoints such as dissolved oxygen, pH, and nuisance and harmful algal blooms.
  - Improve the understanding of the nutrient dynamics in Utah Lake and the formation of nuisance and harmful algal blooms.
  - Predict transition of Utah Lake from a turbid state to a clear state, and vice versa.
  - Identify input and calibration data gaps and support future data collection efforts.



## Phase 2

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### Site Specific Criteria Development

- The Steering Committee and Science Panel and will develop numeric criteria for both nitrogen and phosphorus during this phase.
- An Interim Report was completed October 28, 2021, addressing the following questions given to the Science Panel by the Steering Committee:
  1. What was the historical condition of Utah Lake with respect to nutrients and ecology pre-settlement and along the historical timeline?
  2. What is the current state of Utah Lake with respect to nutrients and ecology?
  3. What additional information is needed to define nutrient criteria that support existing beneficial uses?
  4. Is there an improved stable state that can be reached under the constraints of current water and fishery management? Multiple research projects have been completed as part of the Strategic Research Plan for this phase.
- Work is on going related to research projects, modeling, analysis, etc. to support numeric criteria.



## Phase 3

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### Implementation Planning

During this phase of the study, the Steering Committee will review the recommendations made by the Science Panel and formulate a plan that improves or maintains water quality that is protective of designated beneficial uses while balancing costs and benefits. This will include the following:

- Evaluate current use designations and the scientific and economic feasibility of achieving the recommended criteria.
- Use water quality and watershed models to help identify sources of phosphorus and nitrogen, ascertain the reductions required to meet nutrient criteria, and inform decisions on the best ways to reduce nutrient loading.
- Complete a cost and feasibility evaluation to implement required reductions.
- Evaluate scenarios for achieving the most cost-effective solutions for reducing nutrient loading.



# Utah Lake WQ Study

## Timeline for Completion



- Initially Phase 3 was scheduled to be completed by the end of 2022.
- The Plan would be submitted to the Water Quality Board and EPA for review and approval by sometime in 2024.
- The Plan is approximately 2 years behind schedule with some remaining work needed to complete the watershed modeling and finalize the numeric nutrient criteria.
- The Implementation Plan Framework is complete, but the management plan portion remains outstanding.
- Currently completion and submittal to the Water Quality Board and EPA is anticipated by the end of 2024.





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More information can be found on the Division of Water Quality website under Utah Lake Water Quality Study:

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<https://deq.utah.gov/water-quality/utah-lake-water-quality-study>









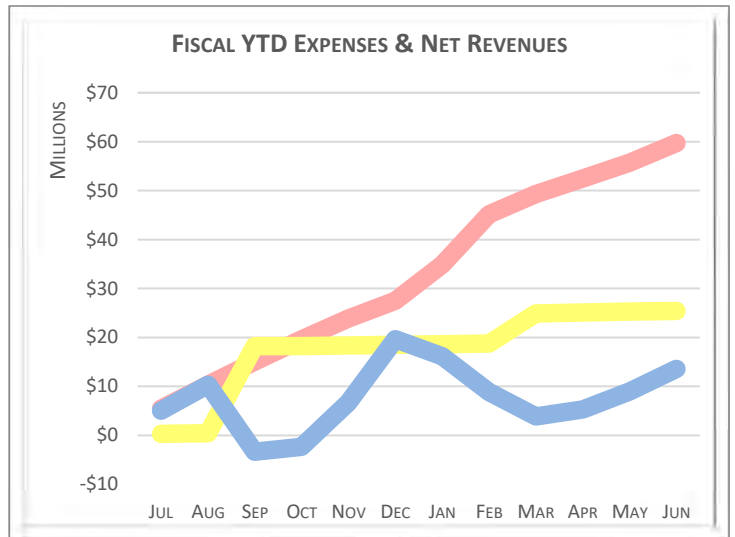
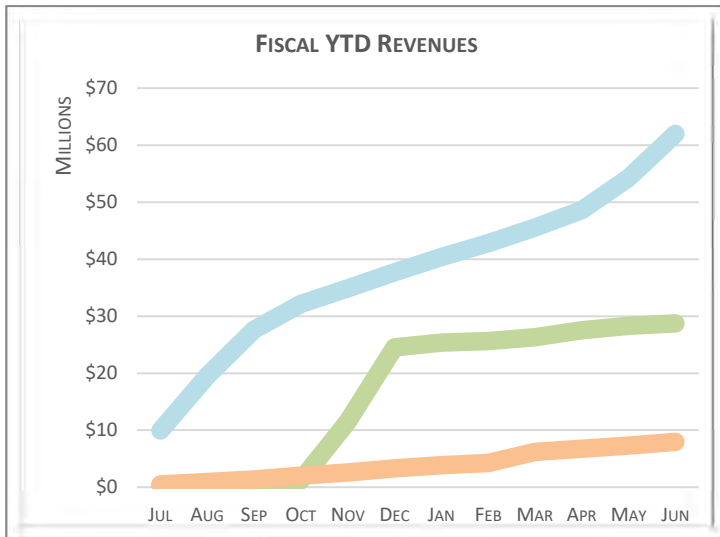
# **STANDING COMMITTEE REPORTS**

# **FINANCE UPDATE**

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**FINANCIAL REPORT SUMMARY – JULY 2023**

**MONTHLY AND YEAR-TO-DATE OPERATING SUMMARY**

	Legend	JULY 2023	FY 23/24 Y-T-D	FY 23/24 BUDGET
<b>REVENUES</b>				
Water Sales Revenue		\$ 10,014,125	\$ 10,014,125	\$ 61,980,076
Property Tax Revenue		300,178	300,178	28,731,637
All Other Revenue		396,753	396,753	7,953,800
		<b>10,711,056</b>	<b>10,711,056</b>	<b>98,665,513</b>
<b>EXPENSES</b>				
Operating Expenses		4,993,783	4,993,783	59,725,718
Bond Debt Service		154,318	154,318	25,405,675
<b>Net Revenues after Debt Service</b>		<b>\$ 5,562,955</b>	<b>\$ 5,562,955</b>	<b>\$ 13,534,120</b>



**OTHER FINANCIAL HIGHLIGHTS**

<b>FUND BALANCES</b>	
Revenue	\$ 17,045,294
Operation & Maintenance	13,674,573
General Equipment	148,436
Retail Deposit Account	206,980
Bond Proceeds	4,866,602
Capital Projects	17,011,976
Replacement Reserve	6,719,376
Development Fee	181,485
Other Reserves	14,349,811
Bond Reserves	5,097,901
	<b>\$ 79,302,434</b>

<b>LONG-TERM DEBT INFORMATION</b>	
Outstanding Bonds and Notes Payable - 07/31/2023	\$ 307,190,022
<u>Average Annual Debt Payments Next 10-Years</u>	
Principal Payments	\$ 14,738,515
Interest Payments	16,516,500
	<b>\$ 31,255,015</b>
<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 - JULY 2023 (8%)**

**MODIFIED ACCRUAL BASIS - UNAUDITED**

	JULY 2023	FY 23/24 Y-T-D	FY 23/24 BUDGET	% OF BUDGET	JULY 2022	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET
<b>REVENUES</b>								
Metered Sales of Water								
- Wholesale	\$ 9,156,921	\$ 9,156,921	\$ 54,767,689	17%	\$ 8,166,404	\$ 8,166,404	\$ 52,554,723	16%
- Retail	857,203	857,203	7,212,387	12%	788,700	788,700	6,758,349	12%
Impact Fees	4,153	4,153	435,000	1%	68,935	68,935	512,000	13%
General Property Tax	300,178	300,178	28,731,637	1%	274,765	274,765	25,650,346	1%
Other - Investment Income, etc.	346,838	346,838	3,943,800	9%	122,445	122,445	1,087,300	11%
Other - Misc.	45,762	45,762	3,575,000	1%	110,428	110,428	2,243,093	5%
<b>Total Revenues</b>	<b>10,711,056</b>	<b>10,711,056</b>	<b>98,665,513</b>	<b>11%</b>	<b>9,531,679</b>	<b>9,531,679</b>	<b>88,805,811</b>	<b>11%</b>
<b>OPERATING EXPENSES *</b>								
Water Purchases	556,102	556,102	19,449,887	3%	65,475	65,475	18,615,784	0%
Operations and Maintenance	1,083,444	1,083,444	12,255,706	9%	1,293,966	1,293,966	11,621,168	11%
General and Administrative	1,640,840	1,640,840	7,552,953	22%	1,423,093	1,423,093	5,728,341	25%
Payroll Related	1,713,396	1,713,396	20,467,172	8%	1,672,735	1,672,735	19,587,691	9%
<b>Total Operating Expenses</b>	<b>4,993,783</b>	<b>4,993,783</b>	<b>59,725,718</b>	<b>8%</b>	<b>4,455,269</b>	<b>4,455,269</b>	<b>55,552,984</b>	<b>8%</b>
<b>Net Revenues Available for Debt Service</b>	<b>5,717,273</b>	<b>5,717,273</b>	<b>38,939,795</b>	<b>15%</b>	<b>5,076,410</b>	<b>5,076,410</b>	<b>33,252,827</b>	<b>15%</b>
Bond Debt Service	154,318	154,318	25,405,675	1%	110,849	110,849	23,164,500	0%
<b>Net Revenues after Debt Service</b>	<b>5,562,955</b>	<b>5,562,955</b>	<b>13,534,120</b>		<b>4,965,561</b>	<b>4,965,561</b>	<b>10,088,327</b>	
Transfer of Revenue Stabilization Funds	-	-	5,663,452	0%	-	-	8,402,108	0%
<b>Net Revenues</b>	<b>\$ 5,562,955</b>	<b>\$ 5,562,955</b>	<b>\$ 19,197,572</b>		<b>\$ 4,965,561</b>	<b>\$ 4,965,561</b>	<b>\$ 18,490,435</b>	
* See Exhibit 2 for summary of expenses by line item.								
<b>NON-OPERATING EXPENSES (REVENUES)</b>								
Capital Replacement Projects	\$ 624,551	\$ 624,551	\$ 19,600,000	3%	\$ 235,357	\$ 235,357	\$ 21,837,862	1%
Capital Projects	573,561	573,561	53,505,650	1%	1,518,082	1,518,082	32,456,659	5%
Development Fee	12,403	12,403	435,000	3%	-	-	512,000	0%
General Equipment	226,304	226,304	1,423,000	16%	50,677	50,677	903,100	6%
Self Insurance Claims	6,815	6,815	100,000	7%	(4,323)	(4,323)	100,000	0%
Bond Cost of Issuance	-	-	700,000		-	-	250,000	
<b>Subtotal</b>	<b>1,443,634</b>	<b>1,443,634</b>	<b>75,763,650</b>	<b>2%</b>	<b>1,799,794</b>	<b>1,799,794</b>	<b>56,059,621</b>	<b>3%</b>
Cap Proj Grants & Other Contrib	-	-	(11,889,642)	0%	-	-	(2,849,431)	0%
(Gain) / Loss on Sale of Assets	-	-	-		(88,485)	(88,485)	-	
Bond Cost of Issuance Proceeds	-	-	(700,000)		-	-	(250,000)	
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>(12,589,642)</b>	<b>0%</b>	<b>(88,485)</b>	<b>(88,485)</b>	<b>(3,099,431)</b>	<b>3%</b>
<b>Total Non-operating Expenses (Revenues)</b>	<b>\$ 1,443,634</b>	<b>\$ 1,443,634</b>	<b>\$ 63,174,008</b>		<b>\$ 1,711,309</b>	<b>\$ 1,711,309</b>	<b>\$ 52,960,190</b>	<b>3%</b>

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**OPERATING EXPENSES SUMMARY - JULY 2023 (8%)**

**MODIFIED ACCRUAL BASIS - UNAUDITED**

DESCRIPTION	JULY 2023	FY 23/24 Y-T-D	FY 23/24 BUDGET	% OF BUDGET	JULY 2022	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET
Water Purchases	\$ 493,295	\$ 493,295	\$ 18,194,022	3%	\$ 1,712	\$ 1,712	\$ 17,402,067	0%
Water Stock Assessments	62,808	62,808	1,255,865	5%	63,763	63,763	1,213,717	5%
<b>Total Water Purchases</b>	<b>556,102</b>	<b>556,102</b>	<b>19,449,887</b>	3%	<b>65,475</b>	<b>65,475</b>	<b>18,615,784</b>	0%
Building & Grounds Maint	52,318	52,318	409,420	13%	45,599	45,599	389,512	12%
General Property & Leases	18,879	18,879	204,596	9%	4,723	4,723	210,482	2%
Repair & Replacement	57,146	57,146	1,427,198	4%	170,800	170,800	1,230,499	14%
Scheduled Maintenance	73,054	73,054	667,427	11%	74,429	74,429	552,539	13%
Tools & Supplies	37,072	37,072	338,269	11%	26,294	26,294	338,911	8%
Treatment - Chemicals	468,121	468,121	3,171,672	15%	253,129	253,129	2,780,169	9%
Treatment - Lab, Studies & Quality	38,369	38,369	686,041	6%	120,860	120,860	607,499	20%
Utilities - JVVWTP	29,737	29,737	351,780	8%	5,020	5,020	347,460	1%
Utilities - SERWTP	11,919	11,919	120,546	10%	9,335	9,335	118,842	8%
Utilities - SWGWTP & RO Wells	13,381	13,381	724,122	2%	9,114	9,114	734,702	1%
Utilities - Wells	64,094	64,094	1,064,636	6%	109,179	109,179	1,334,878	8%
Utilities - Boosters	169,321	169,321	1,731,448	10%	218,621	218,621	1,663,712	13%
Utilities - JNPS & JA	12,184	12,184	788,634	2%	178,730	178,730	784,314	23%
Utilities - Other	3,604	3,604	210,217	2%	42,675	42,675	203,549	21%
Utility Location (Blue Stakes)	3,710	3,710	37,050	10%	-	-	28,050	0%
Vehicle & Gen. Equip. - Fuel	16,304	16,304	200,660	8%	21,500	21,500	180,060	12%
Vehicle & Gen. Equip. - Parts	14,231	14,231	121,990	12%	3,958	3,958	115,990	3%
<b>Total Operations &amp; Maintenance</b>	<b>1,083,444</b>	<b>1,083,444</b>	<b>12,255,706</b>	9%	<b>1,293,966</b>	<b>1,293,966</b>	<b>11,621,168</b>	11%
Bond Fees	12,233	12,233	396,400	3%	64,564	64,564	424,000	15%
Computer Supplies	107,904	107,904	844,080	13%	113,102	113,102	822,775	14%
Conservation Programs	145,663	145,663	3,060,030	5%	222	222	1,567,873	0%
General & Administrative	15,538	15,538	236,910	7%	22,151	22,151	211,950	10%
General Insurance	1,256,027	1,256,027	1,206,021	104%	1,094,509	1,094,509	1,031,351	106%
Legal & Auditing Fees	22,061	22,061	491,650	4%	16,950	16,950	481,650	4%
Office / Mailing / Safety	18,930	18,930	282,930	7%	35,379	35,379	277,858	13%
Professional Consulting Services	28,312	28,312	429,371	7%	43,160	43,160	316,350	14%
Public Relations	13,092	13,092	202,964	6%	9,101	9,101	192,925	5%
Training & Education	21,080	21,080	402,597	5%	23,955	23,955	401,609	6%
<b>Total General &amp; Administrative</b>	<b>1,640,840</b>	<b>1,640,840</b>	<b>7,552,953</b>	22%	<b>1,423,093</b>	<b>1,423,093</b>	<b>5,728,341</b>	25%
Payroll Related	1,713,396	1,713,396	20,467,172	8%	1,672,735	1,672,735	19,587,691	9%
<b>Total Operating Expenses</b>	<b>\$ 4,993,783</b>	<b>\$ 4,993,783</b>	<b>\$ 59,725,718</b>	8%	<b>\$ 4,455,269</b>	<b>\$ 4,455,269</b>	<b>\$ 55,552,984</b>	8%

**JORDAN VALLEY WATER CONSERVANCY DISTRICT  
METERED SALES OF WHOLESALE WATER - JULY 2023**

**MODIFIED ACCRUAL BASIS - UNAUDITED**

WHOLESALE MEMBER AGENCY	CURRENT MONTH			FISCAL YTD		
	JULY 2023	JULY 2022	INCREASE / (DECREASE)	JULY 2023	JULY 2022	INCREASE / (DECREASE)
Bluffdale	\$ 342,106	\$ 305,474	\$ 36,632	\$ 342,106	\$ 305,474	\$ 36,632
Div of Fac Const & Mgnt	14,772	6,597	8,174	14,772	6,597	8,174
Draper	465,877	401,076	64,801	465,877	401,076	64,801
Granger-Hunter	1,709,814	1,676,838	32,977	1,709,814	1,676,838	32,977
Herriman	1,020,768	818,300	202,468	1,020,768	818,300	202,468
Hexcel Corporation	43,645	36,280	7,365	43,645	36,280	7,365
Kearns	789,283	681,071	108,212	789,283	681,071	108,212
Magna	29,695	29,412	284	29,695	29,412	284
Midvale	255,171	241,722	13,449	255,171	241,722	13,449
Riverton	360,252	316,901	43,352	360,252	316,901	43,352
South Jordan	1,848,737	1,628,197	220,540	1,848,737	1,628,197	220,540
South Salt Lake	38,286	24,427	13,858	38,286	24,427	13,858
Taylorsville-Bennion	161,757	120,834	40,923	161,757	120,834	40,923
WaterPro, Inc.	-	-	-	-	-	-
West Jordan	2,069,926	1,872,698	197,228	2,069,926	1,872,698	197,228
White City	50	50	-	50	50	-
Willow Creek Country Club	6,782	6,528	254	6,782	6,528	254
<b>TOTALS</b>	<b>\$ 9,156,921</b>	<b>\$ 8,166,404</b>	<b>\$ 990,517</b>	<b>\$ 9,156,921</b>	<b>\$ 8,166,404</b>	<b>\$ 990,517</b>

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**FUND BALANCES - JULY 2023**

**CASH BASIS - UNAUDITED**

	Operating Funds			
	Revenue	Operation and	General	Retail
	Fund *	Maintenance	Equipment	Deposit
	Fund *	Fund *	Fund	Account
<b>Beginning Cash Balance</b>	\$ 12,436,477.65	\$ 16,010,501.99	\$ 373,103.85	\$ 206,980.00
<b>CASH RECEIPTS:</b>				
Operations	6,749,741.92	303,101.15	-	1,500.00
Interest	23,457.43	73,085.88	1,635.56	-
Bond	-	-	-	-
Transfers	-	2,000,000.00	-	-
<b>Total Cash Receipts</b>	<b>6,773,199.35</b>	<b>2,376,187.03</b>	<b>1,635.56</b>	<b>1,500.00</b>
<b>CASH DISBURSEMENTS:</b>				
Operations	9,238.11	4,712,115.93	-	1,500.00
Capital	-	-	226,303.56	-
Debt Service	155,145.19	-	-	-
Other	-	-	-	-
Transfers	2,000,000.00	-	-	-
<b>Total Disbursements</b>	<b>2,164,383.30</b>	<b>4,712,115.93</b>	<b>226,303.56</b>	<b>1,500.00</b>
<b>Net Change in Cash</b>	<b>4,608,816.05</b>	<b>(2,335,928.90)</b>	<b>(224,668.00)</b>	<b>-</b>
<b>Ending Cash Balance</b>	<b>\$ 17,045,293.70</b>	<b>\$ 13,674,573.09</b>	<b>\$ 148,435.85</b>	<b>\$ 206,980.00</b>
* Minimum Balance or Reserve	\$ 5,968,919.00	\$ 7,400,000.00	\$ -	\$ -



**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**FUND BALANCES - JULY 2023**

**CASH BASIS - UNAUDITED**

Capital Funds		
Capital Replacement Reserve Fund	Capital Projects Fund	Bond Projects Fund

<b>Beginning Cash Balance</b>	<b>\$</b>	<b>7,265,129.34</b>	<b>\$</b>	<b>17,747,924.62</b>	<b>\$</b>	<b>4,824,320.28</b>
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**CASH RECEIPTS:**

Operations		-		-		-
Interest		78,797.71		31,500.84		42,281.48
Bond		-		-		-
Transfers		-		-		-
<b>Total Cash Receipts</b>		<b><u>78,797.71</u></b>		<b><u>31,500.84</u></b>		<b><u>42,281.48</u></b>

**CASH DISBURSEMENTS:**

Operations		-		-		-
Capital		624,551.46		585,964.23		-
Debt Service		-		-		-
Other		-		-		-
Transfers		-		-		-
<b>Total Disbursements</b>		<b><u>624,551.46</u></b>		<b><u>585,964.23</u></b>		<b><u>-</u></b>
<b>Net Change in Cash</b>		<b><u>(545,753.75)</u></b>		<b><u>(554,463.39)</u></b>		<b><u>42,281.48</u></b>

<b>Ending Cash Balance</b>	<b>\$</b>	<b><u>6,719,375.59</u></b>	<b>\$</b>	<b><u>17,193,461.23</u></b>	<b>\$</b>	<b><u>4,866,601.76</u></b>
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* Minimum Balance or Reserve		<u>\$ -</u>		<u>\$ -</u>		<u>\$ -</u>
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## JORDAN VALLEY WATER CONSERVANCY DISTRICT FUND BALANCES - JULY 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 *
<b>Beginning Cash Balance</b>	\$ 392,599.76	\$ 5,217,412.22	\$ 8,683,954.52	\$ 5,095,151.52	<b>\$ 78,253,555.75</b>
<b><u>CASH RECEIPTS:</u></b>					
Operations	-	19,291.95	-	-	7,073,635.02
Interest	1,721.03	22,871.38	38,067.54	2,749.62	316,168.47
Bond	-	-	-	-	-
Transfers	-	-	-	-	2,000,000.00
<b>Total Cash Receipts</b>	<b>1,721.03</b>	<b>42,163.33</b>	<b>38,067.54</b>	<b>2,749.62</b>	<b>9,389,803.49</b>
<b><u>CASH DISBURSEMENTS:</u></b>					
Operations	-	26,107.06	-	-	4,748,961.10
Capital	-	-	-	-	1,436,819.25
Debt Service	-	-	-	-	155,145.19
Other	-	-	-	-	-
Transfers	-	-	-	-	2,000,000.00
<b>Total Disbursements</b>	<b>-</b>	<b>26,107.06</b>	<b>-</b>	<b>-</b>	<b>8,340,925.54</b>
<b>Net Change in Cash</b>	<b>1,721.03</b>	<b>16,056.27</b>	<b>38,067.54</b>	<b>2,749.62</b>	<b>1,048,877.95</b>
<b>Ending Cash Balance</b>	<b>\$ 394,320.79</b>	<b>\$ 5,233,468.49</b>	<b>\$ 8,722,022.06</b>	<b>\$ 5,097,901.14</b>	<b>\$ 79,302,433.70</b>
* Minimum Balance or Reserve	<u>\$ 394,320.79</u>	<u>\$ 5,233,468.49</u>	<u>\$ -</u>	<u>\$ 5,097,901.14</u>	<u>\$ 24,094,609.42</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT

FUND BALANCES - JULY 2023

INVESTMENT SUMMARY

	Institution/Account	Fund	Date Invested	Maturity Date	Interest Rate	Principal Invested	
Operating Funds	Zions Bank - Checking/Sweep Account	Revenue	07/01/23	07/31/23	4.95%	\$ 2,624,846.20	
	Paypal Account - Garden Revenue	Revenue	07/01/23	07/31/23	0.00%	5,308.26	
	Wells Fargo Bank - Savings Account	Revenue	07/01/23	07/31/23	0.10%	311,009.91	
	Express Bill Pay Deposit Account	Revenue	07/01/23	07/31/23	0.00%	262,973.96	
	CUWCD Series B-4 Revenue Bonds	Revenue	06/20/13	10/01/34	5.28%	1,670,000.00	
	Public Treasurers Investment Fund	Revenue	07/01/23	07/31/23	5.18%	12,171,155.37	
	<b>Subtotal - Revenue Funds</b>						<b>17,045,293.70</b>
	Zions Bank - Checking/Sweep Account	O&M	07/01/23	07/31/23	4.95%	384,019.20	
	Public Treasurers Investment Fund	O&M	07/01/23	07/31/23	5.18%	13,290,553.89	
	<b>Subtotal - O&amp;M Funds</b>						<b>13,674,573.09</b>
	Public Treasurers Investment Fund	General Equipment	07/01/23	07/31/23	5.18%	148,435.85	
	Retail Deposit Account	Retail Deposit	07/01/23	07/31/23	0.00%	206,980.00	
<b>Total Operating Funds</b>						<b>\$ 31,075,282.64</b>	
Capital Funds	Public Treasurers Investment Fund	Capital Replacement Reserve	07/01/23	07/31/23	5.18%	\$ 6,719,375.59	
	Public Treasurers Investment Fund	Capital Projects	07/01/23	07/31/23	5.18%	17,011,976.38	
	Public Treasurers Investment Fund	Bond Project Funds	07/01/23	07/31/23	5.18%	4,866,601.76	
	Public Treasurers Investment Fund	Development Fee	07/01/23	07/31/23	5.18%	181,484.85	
	<b>Total Capital Funds</b>						<b>\$ 28,779,438.58</b>
Reserve Funds	Public Treasurers Investment Fund	Self Insurance	07/01/23	07/31/23	5.18%	\$ 5,233,468.49	
	Public Treasurers Investment Fund	JVWTP Maintenance	07/01/23	07/31/23	5.18%	95,703.35	
	Public Treasurers Investment Fund	Bond R&R	07/01/23	07/31/23	5.18%	172,952.59	
	Public Treasurers Investment Fund	JA Maintenance	07/01/23	07/31/23	5.18%	125,664.85	
	Public Treasurers Investment Fund	Revenue Stabilization	07/01/23	07/31/23	5.18%	8,722,022.06	
	<b>Total Reserve Funds</b>						<b>\$ 14,349,811.34</b>
Restricted Funds	Zions Bank (Trustee) - US Treasury Notes	B-1 Bond Debt Serv Res	Varies	Varies	0.57%	\$ 4,936,027.48	
	Zions Bank (Trustee) - US Treasury Notes	2009C Bond Debt Serv Res	Varies	Varies	0.57%	161,873.66	
	<b>Total Restricted Funds</b>						<b>\$ 5,097,901.14</b>
<b>TOTAL ALL FUNDS</b>						<b>\$ 79,302,433.70</b>	

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
BALANCE SHEET - JULY 2023

**MODIFIED ACCRUAL BASIS - UNAUDITED**

	JULY 2023	JULY 2022
<b>ASSETS</b>		
<i>Current Assets:</i>		
Cash & Cash Equivalents (Note 1)	\$ 69,343,343	\$ 66,263,989
Accounts Receivable	12,564,567	10,260,433
Inventory	<u>654,868</u>	<u>615,769</u>
Total Current Assets	82,562,778	77,140,191
<i>Restricted Assets:</i>		
Cash & Investments	9,964,503	44,217,556
<i>Long-Term Assets:</i>		
Long-Term Receivables	-	-
Other Assets	8,565,423	2,753,730
Property, Plant & Equipment (Net)	<u>593,916,455</u>	<u>562,007,332</u>
Total Long-Term Assets	<u>602,481,878</u>	<u>564,761,062</u>
<b>Total Assets</b>	<b><u>\$ 695,009,159</u></b>	<b><u>\$ 686,118,809</u></b>
<b>LIABILITIES &amp; FUND EQUITY</b>		
<i>Current Liabilities:</i>		
Accounts Payable	\$ 0	\$ 546,336
Other Current Liabilities	<u>1,780,887</u>	<u>1,396,268</u>
Total Current Liabilities	1,780,887	1,942,604
<i>Long-Term Liabilities:</i>		
Bonds and Notes Payable	307,190,022	322,141,033
Other Long-Term Liabilities	<u>13,590,161</u>	<u>10,330,783</u>
Total Long-Term Liabilities	<u>320,780,183</u>	<u>332,471,816</u>
<b>Total Liabilities</b>	322,561,070	334,414,420
<b>Total Net Position</b>	<u>372,448,089</u>	<u>351,704,389</u>
<b>Total Liabilities &amp; Net Position</b>	<b><u>\$ 695,009,159</u></b>	<b><u>\$ 686,118,809</u></b>

Note 1: Cash and cash equivalents totalling \$38,016,763 have been committed for; replacement reserve \$6,719,376, capital projects \$17,011,976, development fee \$181,485, general equipment \$148,436, self insurance reserve \$5,233,468 and revenue stabilization fund \$8,722,022.

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
**IMPACT FEE SUMMARY - JULY 2023**

**CASH BASIS - UNAUDITED**

<u>Date</u>	<u>Payee</u>	<u>Subdivision/Lot#</u>	<u>Amount</u>
07/19/23	Blue Stone Development	831 E. Grand Cayman Drive	\$ 4,153.00

**Total Fees Collected July** \$ 4,153.00

**Total Fees Collected Fiscal YTD** \$ 4,153.00

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## CHECK REGISTER - REVENUE ACCOUNT

For the Period July 01, 2023 Through July 31, 2023

CHECK NO.	CHECK DATE	VENDOR NAME	CHECK AMOUNT
72039	7/7/23	SOLARI, BRENDA	\$56.00
72040	7/19/23	BENNETT, DALE K	1.42
72041	7/19/23	BONNIE, MICHELLE	34.40
72042	7/19/23	DIMICK, KEISHA	22.00
72043	7/19/23	DOMENICK, RYAN MARK	111.09
72044	7/19/23	FEELEY, JOHN	123.60
72045	7/19/23	GUIMARAES, EDISON	61.22
72046	7/19/23	HALASZ, GEORGE	200.00
72047	7/19/23	HOUTZ, CAROLE R	30.00
72048	7/19/23	NETTLES, EMILY	128.02
72049	7/19/23	OLSEN, AUSTIN	27.00
72050	7/19/23	TAPP, PAULINE	42.38
72051	7/19/23	BAIRD, JOHN	1.58
72052	7/19/23	BANFORD, RULAND	15.42
72053	7/19/23	KRAUS, HEIDE	3.00
72054	7/19/23	ROWAN, GREGORY	6.00
72055	7/27/23	BUZANOSKI, KAREN L	30.15
72056	7/27/23	CAPPS, KELLY	45.26
72057	7/27/23	HARRIS, JAMES F JR	59.46
72058	7/27/23	HAUPTFLEISCH, K A	80.54
72059	7/27/23	MURPHY, ANITA & MICHAEL	184.98

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## CHECK REGISTER - REVENUE ACCOUNT

*For the Period July 01, 2023 Through July 31, 2023*

CHECK NO.	CHECK DATE	VENDOR NAME	CHECK AMOUNT
72060	7/27/23	SCOVILLE, JONATHAN	\$30.70
REPORT TOTAL:			<u>\$1,294.22</u>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179115	7/10/23	<b>ALAN E PACKARD</b> 51000650 5290	ACE23	1,096.21	<b>\$1,096.21</b>
179116	7/10/23	<b>CALIN PERRY</b> 80000570 5290	ASSP 2022	1,207.96	<b>1,207.96</b>
179117	7/10/23	<b>CHILD SUPPORT SERVICES</b> 11000200 2135	063023	529.00	<b>529.00</b>
179118	7/10/23	<b>CHRISTOPHER &amp; SUZANNE FASSLER REVOCABLE TRUS</b> 62000570 5670	REPLACE RETURNED EFT	485.00	<b>485.00</b>
179119	7/10/23	<b>CORRIN HIMLE</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	217.50	<b>217.50</b>
179120	7/10/23	<b>DAWN RAMSEY</b> 51000660 5290	ACE 23	1,065.64	<b>1,065.64</b>
179121	7/10/23	<b>DOMINION ENERGY</b> 75500590 5420	4400 S 4800 R	75.91	<b>75.91</b>
179122	7/10/23	<b>FISHER SCIENTIFIC</b> 78000590 5720	GENERAL LAB SUPPLIES	212.52	<b>212.52</b>
179123	7/10/23	<b>GERBER CONSTRUCTION INC</b> 51000000 6210	REPAIR MAIN LINE VALVE SHED @	11,875.00	<b>11,875.00</b>
179124	7/10/23	<b>JESSICA HAYES</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	365.62	<b>365.62</b>
179125	7/10/23	<b>LONITA LARSEN</b> 62000570 5670	REPLACE RETURNED EFT	4,426.51	<b>4,426.51</b>
179126	7/10/23	<b>NATIONAL BENEFIT SERVICES HRA</b> 11000200 2135	ADMIN FEES	421.20	<b>421.20</b>
179127	7/10/23	<b>NATIONAL BENEFIT SERVICES HRA</b> 11000200 2135	063023	1,624.30	<b>1,624.30</b>
179128	7/10/23	<b>PFM ASSET MANAGEMENT LLC</b> 51000650 5280	MONTHLY INVESTMENT ADVISOR FEES	648.60	<b>648.60</b>
179129	7/10/23	<b>POSTMASTER</b> 60000650 5250	ANNUAL REPORT PERMIT#54 PI STANDARD M	692.90	<b>692.90</b>
179130	7/10/23	<b>REPUBLIC SERVICES INC</b> 51000650 5350 62000570 5350 71071570 5350 72072570 5350 73073570 5350 83000570 5350	ADMIN EDUCATION JVWTP SERWTP SWGWTP MAINTENANCE	192.45 1,176.37 445.55 294.43 319.92 543.26	<b>2,971.98</b>
179131	7/10/23	<b>RICHARD &amp; SARAH JEFFS</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	3,001.88	<b>3,001.88</b>



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
<b>179132</b>	<b>7/10/23</b>	<b>ROCKY MOUNTAIN POWER</b>			<b>\$13,131.62</b>
		70101590 5410	557994860012	515.31	
		75200590 5410	175509260113	20.84	
		75200590 5410	311522760504	37.85	
		75200590 5410	377120460060	15.23	
		75200590 5410	557994860020	34.16	
		75300590 5410	175509260204	21.22	
		75300590 5410	175509260337	61.78	
		75300590 5410	261824160012	1,308.35	
		75300590 5410	261824160053	1,484.72	
		75300590 5410	333821260010	230.99	
		75300590 5410	913799040013	256.50	
		75332590 5410	333110760050	122.05	
		75334590 5410	311522760215	76.37	
		75500590 5410	227856660146	8,488.43	
		75600590 5410	227856660138	262.38	
		75600590 5410	311522760652-062723	15.45	
		75600590 5410	377131660021	13.73	
		75601590 5410	217351760012	77.49	
		75700590 5410	322497360014	88.77	
<b>179133</b>	<b>7/10/23</b>	<b>SANDY CITY</b>			<b>44.94</b>
		52000570 5400	579 W 9400 S	8.98	
		75300590 5430	1787 CREEK RD	8.98	
		75300590 5430	7618 S 700 E	26.98	
<b>179134</b>	<b>7/10/23</b>	<b>SHANE SWENSEN</b>			<b>1,393.57</b>
		52000650 5290	ACE23	1,393.57	
<b>179135</b>	<b>7/10/23</b>	<b>STANDARD PLUMBING SUPPLY</b>			<b>456.96</b>
		81000570 5310	ACETYLENE REFILL STRIKERS AND TAPE ME	43.77	
		81000570 5380	FITTINGS AND PIPE FOR THE GARDENS RES	413.19	
<b>179136</b>	<b>7/14/23</b>	<b>AAF INTERNATIONAL</b>			<b>305.04</b>
		81000570 5360	HVAC AIR FILTERS	305.04	
<b>179137</b>	<b>7/14/23</b>	<b>ACCURINT</b>			<b>225.00</b>
		51000650 5170	PEOPLE SEARCH	225.00	
<b>179138</b>	<b>7/14/23</b>	<b>ALLSTREAM</b>			<b>69.85</b>
		70100590 5450	15305 S 3200 S	69.85	
<b>179139</b>	<b>7/14/23</b>	<b>ALPHA COMMUNICATIONS SITES INC</b>			<b>191.45</b>
		91000570 5530	SITE LEASE	191.45	
<b>179140</b>	<b>7/14/23</b>	<b>COMMERCIAL MECHANICAL SYSTEMS &amp; SERVICES,INC</b>			<b>7,029.50</b>
		11000182 6010 4279	JVWTP BOILERS SUPPLY PROJECT	5,412.00	
		81071570 5380	DIAGNOSE BOILER SYSTEM FOR LAB	1,617.50	
<b>179141</b>	<b>7/14/23</b>	<b>CRS CONSULTING ENGINEERS INC</b>			<b>1,451.00</b>
		11000180 6010 4293	9800 S 2300 E WELL EQUIPPING	1,451.00	
<b>179142</b>	<b>7/14/23</b>	<b>CRSA</b>			<b>4,759.85</b>
		11000160 6010 4014	WATER TRAILERS STORAGE	4,759.85	
<b>179143</b>	<b>7/14/23</b>	<b>DOMINION ENERGY</b>			<b>2,005.16</b>
		11000184 6010 4199	3600 WEST 10200 SOUTH PUMP STATION	2,005.16	
<b>179144</b>	<b>7/14/23</b>	<b>DRAPER CITY</b>			<b>7.00</b>
		52000570 5400	108 E 11400 S	7.00	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179145	7/14/23	<b>FISHER SCIENTIFIC</b> 78000590 5720	GENERAL LAB SUPPLIES	371.41	<b>\$371.41</b>
179146	7/14/23	<b>GENEVA ROCK PRODUCTS INC</b> 82000570 5380 83072570 5350 83072570 5380	CONCRETE & ROADBASE & ROCK GRAVEL FOR LANDSCAPE AT SERWTP ROAD-BASE FOR AREA BEHIND FILTER BLDG	1,498.42 881.71 460.77	<b>2,840.90</b>
179147	7/14/23	<b>GERBER CONSTRUCTION INC</b> 11000160 6010 3910 62000140 6010	HEADQUARTERS CAMPUS SITE IMPRO GARDEN DECK RECONSTRUCTION	3,650.00 107,998.69	<b>111,648.69</b>
179148	7/14/23	<b>GRANITE SCHOOL DISTRICT</b> 62000570 5270	SCHOOL BUS REIMBURSEMENT- FARNSWOF	192.50	<b>192.50</b>
179149	7/14/23	<b>HAZEN &amp; SAWYER, P. C</b> 11000182 6010 4255	JVWTP BASINS 1-2 SEISMIC AND C	162,680.00	<b>162,680.00</b>
179150	7/14/23	<b>HERRIMAN CITY</b> 62000570 5670	MEMBER AGENCY GRANT - HERRIMAN	10,884.00	<b>10,884.00</b>
179151	7/14/23	<b>HOLLIDAY WATER COMPANY</b> 52000570 5400	2129 E 4800 S	81.69	<b>81.69</b>
179152	7/14/23	<b>HOSE &amp; RUBBER SUPPLY LLC</b> 82101570 5310	4" DISCHARGE HOSE FOR DEWATERING AQL	951.98	<b>951.98</b>
179153	7/14/23	<b>HOUSE OF PUMPS</b> 75000590 5310	Sump Pump	159.75	<b>159.75</b>
179154	7/14/23	<b>INTERIOR SOLUTIONS</b> 75000192 6010	SYSTEM OPS CONTROL DESK CUBICA	28,652.31	<b>28,652.31</b>
179155	7/14/23	<b>JOE &amp; SALLY PLICKA FAMILY TRUST</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	781.25	<b>781.25</b>
179156	7/14/23	<b>KEN PRICE</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	269.54	<b>269.54</b>
179157	7/14/23	<b>KEVIN WOOD</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	365.25	<b>365.25</b>
179158	7/14/23	<b>LEHI CITY CORPORATION</b> 70101590 5410 70101590 5410	1250 E SR92 NE CORNER SR92	29.36 29.36	<b>58.72</b>
179159	7/14/23	<b>LITTLE GIANT LADDER SYSTEMS</b> 51000650 5260	2 LITTLE GIANT LADDERS	780.00	<b>780.00</b>
179160	7/14/23	<b>M-ONE SPECIALTIES INC</b> 81000570 5380	ED CENTER SHOWER REPAIR	34.31	<b>34.31</b>
179161	7/14/23	<b>NAPA GENUINE AUTO PARTS COMPANY</b> 81000570 5310 81000570 5330 81000570 5330 81000570 5330 81000570 5360	A/C RECLAIM MACHINE BELT TOOLS, HAND CLEANER, SENSOR, TRAN FAN BELT, BREAK AWAY TRAILER BRAKE, BR REPAIR PARTS DRY GRAPHITE SPRAY FOR LOCKS	4,753.81 335.87 1,626.60 783.10 52.62	<b>7,552.00</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179162	7/14/23	<b>NATIONAL LEAK TEST CENTER</b> 78000590 5720	LEAK TEST FOR ECD DETECTORS (HAA GC)	110.00	<b>\$110.00</b>
179163	7/14/23	<b>O'REILLY AUTOMOTIVE INC</b> 81000570 5330	INLET PIPE FOR TURBO	105.04	<b>105.04</b>
179164	7/14/23	<b>PBC FLEET LITES &amp; PARTS</b> 81000570 5330	HUB ASSM. BRAKE DRUM, SEAL, BOLTS,	621.64	<b>621.64</b>
179165	7/14/23	<b>PEAK MOBILE COMMUNICATION</b> 75000570 5380	HAND HELD RADIOS	8,299.20	<b>8,299.20</b>
179166	7/14/23	<b>PERFORMANCE TRUCK COUNTRY</b> 81000570 5360	REPAIRS DONE ON TRUCK 722.	883.05	<b>883.05</b>
179167	7/14/23	<b>REPMASTERS INC</b> 75002570 5380	HYDRANT METER REGISTERS	209.63	<b>209.63</b>
179168	7/14/23	<b>RHINO LININGS OF UTAH</b> 81000198 6010	# 762 BED KINER AND COVER	1,618.40	<b>1,618.40</b>
179169	7/14/23	<b>TOOLSHEED INC</b> 75000590 5260	KNEE PADS	58.22	<b>58.22</b>
179170	7/14/23	<b>ROCKY MOUNTAIN POWER</b>			<b>24,869.15</b>
		72211590 5410	913799040088	17.93	
		75208590 5410	175509260014	14.30	
		75341590 5410	311522760603	171.22	
		75503590 5410	235992060014	13,789.67	
		75509590 5410	259822160018	10,832.99	
		75609590 5410	175509260022	27.63	
		75635590 5410	377131660047	15.41	
179171	7/14/23	<b>S &amp; K MACHINE INC</b> 83000570 5380	TERMINAL GEARBOX REPAIR WORK	1,500.00	<b>1,600.00</b>
		83101570 5350	TIME TO MACHINE KEEPER PIN FOR BASIN 4	100.00	
179172	7/14/23	<b>SALT LAKE CEMENT CUTTING INC</b> 82000570 5380	ROAD CUTS MLB	200.00	<b>200.00</b>
179173	7/14/23	<b>SAM CHOVAN</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	91.25	<b>91.25</b>
179174	7/14/23	<b>SANDY CITY</b>			<b>4,414.91</b>
		72000590 5440	11574 WYNDCASTLE	4,372.99	
		75300590 5430	1147 WEBSTER	8.98	
		75300590 5430	1443 E 9400 S	17.96	
		75300590 5430	1784 CREEK RD	14.98	
179175	7/14/23	<b>SOUTH JORDAN CITY</b> 52000570 5400	10305 S 3200 W	246.55	<b>280.55</b>
		75300590 5430	10932 S 2700 WAY	2.00	
		75300590 5430	9911 S 2700 W LAND	32.00	
179176	7/14/23	<b>STANDARD PLUMBING SUPPLY</b> 81000570 5380	2 INCH FITTINGS FOR 108 AND 13TH	40.47	<b>40.47</b>
179177	7/14/23	<b>ULINE</b> 51000650 5260	BOLLARD COVERS FOR THE MAINTENANCE	1,519.49	<b>3,564.19</b>
		83000570 5350	BOLLARD COVERS FOR THE MAINTENANCE	2,044.70	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179178	7/14/23	<b>UTAH COMMUNICATIONS INC</b> 91000570 5530	MAINTENANCE CONTRACTS	40.00	<b>\$40.00</b>
179179	7/14/23	<b>UTAH DEPT OF WORKFORCE SERVICE</b> 51000650 5165	RIFFO- JENSEN	225.40	<b>225.40</b>
179180	7/14/23	<b>UTAH DIVISION OF GOV.OPERATIONS</b> 81000570 5340	JUNE FLEET FUEL BILL	16,210.06	<b>16,210.06</b>
179181	7/14/23	<b>UTAH LANDSCAPE SUPPLY</b> 82000570 5380	SOD FOR RESTERATION WORK	22.00	<b>22.00</b>
179182	7/14/23	<b>VEHICLE LIGHTING SOLUTIONS INC</b> 81000198 6010 81000570 5330	LIGHTS FOR NEW TRUCK # 762 STROBE LIGHT, LAP TOP MOUNT.	2,860.53 783.76	<b>3,644.29</b>
179183	7/14/23	<b>WASATCH BARRICADE</b> 82000570 5380	TRAFFIC CONTROL 3590 S STATE STREET ML	277.05	<b>277.05</b>
179184	7/26/23	<b>STOTZ EQUIPMENT</b> 81000570 5330	NUTS, WASHERS, SPACER, BLADES,MOWER	683.27	<b>683.27</b>
179185	7/26/23	<b>AQUATECH</b> 62000570 5350	FOUNTAIN MAINT	156.95	<b>156.95</b>
179186	7/26/23	<b>B.D. BUSH EXCAVATION, INC</b> 11000188 6010 4190	3300 S PIPELINE REPLACEMENT	392,283.50	<b>392,283.50</b>
179187	7/26/23	<b>BLUEBEAM SOFTWARE INC</b> 90000650 5230	YEARLY MAINT	129.00	<b>129.00</b>
179188	7/26/23	<b>CHAMPION FABRICATING &amp; SUPPLY COMPANY</b> 83072570 5380	STAKING MATERIALS	252.00	<b>252.00</b>
179189	7/26/23	<b>CHRISTENSEN &amp; JENSEN PC</b> 51000650 5284 51000650 5284	GENERAL GENERAL ADJUDICATION	840.00 175.00	<b>1,015.00</b>
179190	7/26/23	<b>CMT ENGINEERING LABORATORIES</b> 11000188 6010 4190	3300 S PIPELINE REPLACEMENT	4,442.00	<b>4,442.00</b>
179191	7/26/23	<b>CONSTRUCTION TESTING &amp; ENGINEER INC</b> 11000188 6010 4204	ZONE "D" CHEMICAL FEED FACILIT	695.00	<b>695.00</b>
179192	7/26/23	<b>CROWN EQUIPMENT CORPORATION</b> 83072570 5360	PALLET JACK SERVICE	109.00	<b>109.00</b>
179193	7/26/23	<b>CRS CONSULTING ENGINEERS INC</b> 11000180 6010 4293	9800 S 2300 E WELL EQUIPPING	3,465.00	<b>3,465.00</b>
179194	7/26/23	<b>JERRY SEINER</b> 81000570 5330	84979816	97.06	<b>97.06</b>
179195	7/26/23	<b>MERIDIAN ENGINEERING INC</b> 11000175 6010 4186	SOUTHEAST COLLECTION LINE ASSE	5,010.00	<b>5,010.00</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

For the Period July 01, 2023 Through July 31, 2023

<b>PAYMENT NO.</b>	<b>PAYMENT DATE</b>	<b>VENDOR NAME</b>	<b>ACCOUNT#</b>	<b>DESCRIPTION</b>	<b>INVOICE AMOUNT</b>	<b>PAYMENT AMOUNT</b>
<b>179196</b>	<b>7/26/23</b>	<b>MILLBURN LAWN &amp; LANDSCAPE</b>				<b>\$36,167.80</b>
			83000570 5360	LAWN CARE	22,201.65	
			83000570 5360	NATURAL TERRAIN MAINTENANCE GR	9,099.40	
			83071570 5360	LAWN CARE	1,390.50	
			83072570 5360	LAWN CARE	3,476.25	
<b>179197</b>	<b>7/26/23</b>	<b>NAPA GENUINE AUTO PARTS COMPANY</b>				<b>274.27</b>
			81000570 5330	AIR COMP	117.62	
			81000570 5330	BATTERYYS	345.90	
			81000570 5330	CREDIT	-332.43	
			81000570 5330	PO 445	138.54	
			81000570 5330	TAP	4.64	
<b>179198</b>	<b>7/26/23</b>	<b>RAY QUINNEY &amp; NEBEKER</b>				<b>1,081.25</b>
			51000650 5284	15038-162	1,081.25	
<b>179199</b>	<b>7/26/23</b>	<b>RIVERTON CHEVROLET</b>				<b>1,165.81</b>
			81000570 5330	MULTIPOINT INSPECTION	1,165.81	
<b>179200</b>	<b>7/26/23</b>	<b>ROCKY MOUNTAIN INSTRUMENTATION</b>				<b>1,021.82</b>
			73000590 5720	2QTY PH PROBES FOR LAB	1,021.82	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
<b>179201</b>	<b>7/26/23</b>	<b>ROCKY MOUNTAIN POWER</b>			<b>\$196,994.94</b>
		52000570 5400	311522760124	0.34	
		52000570 5400	311522760132	0.16	
		52000570 5400	311522760405	12.26	
		70100590 5410	175509260279	11,609.79	
		71000590 5410	175509260287	28,989.10	
		72000590 5410	175509260188	6,711.98	
		72211590 5410	321644760019	17.12	
		75200590 5410	557994860020	39.35	
		75200590 5410	175509260063	11.40	
		75200590 5410	227856660021	59.87	
		75200590 5410	287176760018	34.91	
		75200590 5410	311522760546	683.44	
		75200590 5410	329228560010	61.81	
		75300590 5410	175509260386	90.72	
		75300590 5410	261824160046	185.52	
		75300590 5410	311522760017	191.93	
		75300590 5410	311522760074	494.85	
		75300590 5410	913799040047	5,072.76	
		75302590 5410	333822660010	6,624.06	
		75304590 5410	175509260162	7.15	
		75304590 5410	333110060014	83.97	
		75335590 5410	261824160038	86.32	
		75500590 5410	227856660120	29,455.16	
		75500590 5410	266289460013	3,474.17	
		75500590 5410	175509260030	43.13	
		75500590 5410	175509260410	53,373.09	
		75505590 5410	175509260295	22,250.93	
		75506590 5410	175509260238	12,987.34	
		75512590 5410	175509260360	14,152.83	
		75600590 5410	227856660039	39.87	
		75600590 5410	311522760033	21.41	
		75600590 5410	311522760363	22.81	
		75600590 5410	311522760454	35.31	
		75600590 5410	377220560033	19.05	
		75600590 5410	227856660013	2.28	
		75619590 5410	311522760470	20.63	
		75621590 5410	311522760157	2.08	
		75622590 5410	311522760181	0.38	
		75700590 5410	175509260261	21.96	
		75706590 5410	311522760611	3.70	
<b>179202</b>	<b>7/26/23</b>	<b>SANDY CITY</b>			<b>18.09</b>
		52000570 5400	579 W 9400 S	18.09	
<b>179203</b>	<b>7/26/23</b>	<b>SOUTH JORDAN CITY</b>			<b>4,561.13</b>
		62000570 5670	MEMBER AGENCY GRANT - SOUTH JO	4,561.13	
<b>179204</b>	<b>7/26/23</b>	<b>SOUTH VALLEY SEWER DISTRICT</b>			<b>166.14</b>
		71000590 5430	15305 S 3200 W	110.17	
		72000590 5430	11574 WNDCASTLE NEW	30.97	
		72000590 5430	11574 WYNDCASTLE OLD	25.00	
<b>179205</b>	<b>7/26/23</b>	<b>WEST JORDAN CITY</b>			<b>2,535.23</b>
		51000650 5410	8275 S 1300 W	5.22	
		51000650 5430	8215 S 1300 W	1,038.94	
		51000650 5430	8275 S 1300 W	51.52	
		51000650 5440	8275 S 1300 W	1,439.55	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179206	7/26/23	<b>WHOLESALE OFFICE FURNITURE</b>			<b>\$2,084.00</b>
		75000192 6010	TABLE	1,095.00	
		75000590 5220	OFFICE CHAIR	989.00	
179207	7/27/23	<b>AAF INTERNATIONAL</b>			<b>552.18</b>
		81000570 5360	HVAC AIR FILTERS	552.18	
179208	7/27/23	<b>ACCELERATED TECHNOLOGY LAB INC</b>			<b>22,790.38</b>
		90078650 5230	ANNUAL SOFTWARE MAINTENANCE SUPPOF	22,790.38	
179209	7/27/23	<b>AFLAC PREMIUM HOLDING</b>			<b>1,029.38</b>
		11000200 2135	PAYROLL	1,029.38	
179210	7/27/23	<b>ALLSTREAM</b>			<b>2,077.53</b>
		51000650 5450	8215 S 1300 W	1,057.62	
		71000590 5450	15305 S 3200 W	949.40	
		72000590 5450	15305 S 3200 W	70.51	
179211	7/27/23	<b>APPLICANTPRO.COM</b>			<b>2,299.00</b>
		51000650 5170	APPLICANTPRO	2,299.00	
179212	7/27/23	<b>BARBARA TOWNSEND</b>			<b>1,371.33</b>
		51000660 5290	ACE 23	1,371.33	
179213	7/27/23	<b>CHILD SUPPORT SERVICES</b>			<b>529.00</b>
		11000200 2135	072023	529.00	
179214	7/27/23	<b>CISTERA NETWORKS INC</b>			<b>4,967.00</b>
		90000650 5230	RENEWAL OF CISTERA PAGING SYSTEM SUP	4,967.00	
179215	7/27/23	<b>COTTONWOOD IMPROVEMENT DISTRICT</b>			<b>180.00</b>
		75300590 5430	10190 NEWBURY	60.00	
		75300590 5430	1526 E 8600 S	60.00	
		75300590 5430	9390 SOLENA WAY	60.00	
179216	7/27/23	<b>CRS CONSULTING ENGINEERS INC</b>			<b>12,232.15</b>
		52000570 5400	SURVEY WORK ON DISTRICT PROPERTY	12,232.15	
179217	7/27/23	<b>CUTLER'S INC</b>			<b>6,720.00</b>
		83000570 5310	DEBRIS AND LEAF VACUUM	6,720.00	
179218	7/27/23	<b>DAN DYE</b>			<b>1,151.76</b>
		62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	1,151.76	
179219	7/27/23	<b>DAVID &amp; EMMA JEAN FILLMORE TRUST</b>			<b>1,073.09</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	1,073.09	
179220	7/27/23	<b>DAVIS COUNTY</b>			<b>1.20</b>
		90000650 5230	DAVIS COUNTY RECORDER DATA SERVICES	1.20	
179221	7/27/23	<b>EAST JORDAN IRRIGATION COMPANY</b>			<b>62,807.50</b>
		70000510 5820	EAST JORDAN IRRIGATION ASSESSMENT 202	62,807.50	
179222	7/27/23	<b>ESTHER OLSCHESKI</b>			<b>561.25</b>
		62000570 5670	FLIP YOUR STRIP PAYMENT	561.25	
179223	7/27/23	<b>GAR-YIN ANDERSEN</b>			<b>318.75</b>
		62000570 5670	FLIP YOUR STRIP PAYMENT	318.75	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179224	7/27/23	<b>HOLIDAY OIL COMPANY</b> 62000570 5670	LANDSCAPE LEADERSHIP GRANT	6,144.00	<b>\$6,144.00</b>
179225	7/27/23	<b>LAW OFFICES OF KIRK A CULLIMORE LLC</b> 11000200 2135	PAYROLL 072023-DAVID GARCIA	745.09	<b>745.09</b>
179226	7/27/23	<b>MCGUIRE BEARING COMPANY</b> 81073570 5380	BELTS AND PULLY FOR THE AIR HANDLER AT	231.45	<b>231.45</b>
179227	7/27/23	<b>MEDALLION SQUARE, LLC/ PHONG TAT NGUYEN</b> 62000570 5670	LANDSCAPE LEADERSHIP GRANT	8,292.00	<b>8,292.00</b>
179228	7/27/23	<b>MT OLYMPUS IMPROVEMENT DISTRICT</b> 75501590 5430	2981 BRANCH DR	138.00	<b>138.00</b>
179229	7/27/23	<b>NAPA GENUINE AUTO PARTS COMPANY</b> 81000570 5330 81073570 5380	AIR FILTERS, BATTERY'S, OIL FILTER, TIRE PL BELTS FOR T HE AIR HANDLER AT SWGWTP	709.63 24.79	<b>734.42</b>
179230	7/27/23	<b>O'REILLY AUTOMOTIVE INC</b> 81000570 5330	AIR FILTER.	27.66	<b>27.66</b>
179231	7/27/23	<b>PAUL AND PATTI GODOT</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	203.00	<b>203.00</b>
179232	7/27/23	<b>PETTY CASH - DAVE MARTIN</b>			<b>VOID</b>
179233	7/27/23	<b>POSTMASTER</b> 60000650 5250	RETAIL BILLING POSTAGE	3,900.00	<b>3,900.00</b>
179234	7/27/23	<b>SHIMADZU SCIENTIFIC INSTRUMENT</b> 78000590 5720	LAB INSTRUMENT SUPPLIES	2,157.05	<b>2,157.05</b>
179235	7/27/23	<b>UTAH BUREAU OF CRIMINAL IDENTIFICATION</b> 51000650 5170	EMPLOYEES BACKGROUND CHECK	33.25	<b>33.25</b>
179236	7/27/23	<b>UTAH STATE TAX COMMISSION</b> 11000200 2240	PAYROLL 072023	43,406.87	<b>43,406.87</b>
179237	7/27/23	<b>UTAH WATER CONSERVATION FORUM</b> 62000570 5290	MEMBERSHIP RENEWAL	300.00	<b>300.00</b>
179238	7/27/23	<b>UTAH WILDFLOWER CO,LLC</b>			<b>VOID</b>
179239	7/27/23	<b>UTILISYNC, LLC</b> 90000650 5230	UTILISYNC (BLUESTAKES) YEARLY SUBSCRIF	5,000.00	<b>5,000.00</b>
179240	7/27/23	<b>WASATCH OVERHEAD DOOR</b> 81000570 5380	DOOR LIFT MOTOR REPAIR	2,435.00	<b>2,435.00</b>
179241	7/27/23	<b>WE CARE! - HANDYMAN</b> 52000570 5400	MATERIAL COSTS FOR REPAIRS TO	1,800.00	<b>1,800.00</b>
179242	7/27/23	<b>WORKERS COMPENSATION FUND</b> 51000650 5160	WORKERS COMPENSATION COVERAGE FY 2	50,247.00	<b>50,247.00</b>



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

*For the Period July 01, 2023 Through July 31, 2023*

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
<b>179243</b>	<b>7/27/23</b>	<b>ZAYO GROUP LLC</b>			<b>\$1,577.91</b>
		90000650 5230	8215 S 1300 W	1,577.91	
<b>179244</b>	<b>7/27/23</b>	<b>ZIONS BANK</b>			<b>3,000.00</b>
		51000650 5286	2021A BOND TRUSTEE FEE	3,000.00	
<b>179245</b>	<b>7/28/23</b>	<b>DOMINION ENERGY</b>			<b>1,476.66</b>
		71000590 5420	15305 S 3200 W	637.57	
		72000590 5420	11574 WYNDCASTLE ACTI	125.94	
		72000590 5420	11574 WYNDCASTLE FILT	617.12	
		75300590 5420	1200 E 9400 S	24.21	
		75300590 5420	2400 CREEK RD	19.19	
		75300590 5420	4770 NANILOA	18.34	
		75300590 5420	8153 S 700 E	17.19	
		75300590 5420	8200 S 1000 E	17.10	
<b>179246</b>	<b>7/28/23</b>	<b>LAYTON CITY</b>			<b>79.80</b>
		52000570 5400	997 W GENTILE	79.80	
<b>179247</b>	<b>7/28/23</b>	<b>ROCKY MOUNTAIN POWER</b>			<b>59,922.82</b>
		75200590 5410	311522760223	115.55	
		75200590 5410	311522760330	40.62	
		75200590 5410	311522760512	2,583.24	
		75200590 5410	311522760561	5,597.53	
		75200590 5410	311522760579	3,823.16	
		75200590 5410	325517860012	11.26	
		75212590 5410	311522760553	73.19	
		75300590 5410	377120460045	61.78	
		75300590 5410	911749030019	138.00	
		75300590 5410	913799040021	218.16	
		75300590 5410	311522760215	70.98	
		75300590 5410	311522760298	6,940.50	
		75300590 5410	326716960017	70.91	
		75300590 5410	333107260015	65.21	
		75300590 5410	333819860011	98.51	
		75300590 5410	377120460037	23,267.67	
		75300590 5410	175509260048	216.99	
		75300590 5410	175509260055	14,883.54	
		75300590 5410	175509260139	16.73	
		75300590 5410	175509260220	165.55	
		75300590 5410	311522760199	339.39	
		75319590 5410	376190160014	154.28	
		75320590 5410	326593760019	56.10	
		75328590 5410	175509260329	148.97	
		75500590 5410	175509260196	397.14	
		75600590 5410	311522760173	13.57	
		75600590 5410	377120460078	17.99	
		75600590 5410	377120460094	17.80	
		75600590 5410	377120460102	16.58	
		75600590 5410	175509260246	14.90	
		75600590 5410	217351760012	100.10	
		75600590 5410	311522760041	16.33	
		75600590 5410	311522760066	18.52	
		75600590 5410	311522760165	23.09	
		75607590 5410	175509260352	43.85	
		75608590 5410	175509260394	30.43	
		75634590 5410	311522760629	15.62	
		75700590 5410	364292260015	39.08	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
179248	7/28/23	<b>WEST VALLEY CITY</b> 75300590 5430	VARIOUS LOCATIONS	186.00	<b>\$186.00</b>
179249	7/31/23	<b>JORDAN VALLEY CONSERVATION GARDENS</b> 62000570 5350	2022/2023 GARDENS FOUNDATION O&M REIM	6,000.00	<b>6,000.00</b>
179250	7/31/23	<b>LINDE GAS &amp; EQUIPMENT</b> 78000590 5720	GAS CYLINDER RENTAL	7.10	<b>7.10</b>
179251	7/31/23	<b>PFM ASSET MANAGEMENT LLC</b> 51000650 5280	MONTHLY INVESTMENT ADVISOR FEES	628.01	<b>628.01</b>
179252	7/31/23	<b>UTAH LANDSCAPE SUPPLY</b> 82000570 5380	SOD FOR RESTORATION ON MLB'S	35.20	<b>35.20</b>
504240 EFT	7/10/23	<b>BENJAMIN PERDUE</b> 52000650 5290	DOT REIMBURSEMENT	100.00	<b>100.00</b>
504241 EFT	7/10/23	<b>BOWEN COLLINS &amp; ASSOCIATES</b> 11000180 6010 4286	ETIENNE WAY & MURRAY HOLLADAY	603.75	<b>603.75</b>
504242 EFT	7/10/23	<b>CACHE VALLEY ELECTRIC</b> 90000650 5230 90000650 5230	RENEW CISCO WEBEX SUBSCRIPTION UPGRADE THE DISTRICT'S PHONE S	2,223.00 12,000.00	<b>14,223.00</b>
504243 EFT	7/10/23	<b>CHEMTECH-FORD INC</b> 77000590 5770 77071590 5770 77072590 5770 77073590 5770 77075590 5770	WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS	1,840.00 150.00 338.00 172.00 150.00	<b>2,650.00</b>
504244 EFT	7/10/23	<b>ERIKS NORTH AMERICA</b> 81000570 5360	CAM LOCK FITTINGS FOR 23RD AND 98TH NI	377.00	<b>377.00</b>
504245 EFT	7/10/23	<b>HACH COMPANY</b> 72000590 5720 77000590 5750	LAB SUPPLIES WATER QUALITY EQUIPMENT	47.07 3,419.64	<b>3,466.71</b>
504246 EFT	7/10/23	<b>HY-KO SUPPLY COMPANY</b> 83000570 5350	TRASH CAN LINERS	420.99	<b>420.99</b>
504247 EFT	7/10/23	<b>HYDRO SPECIALTIES COMPANY LLC</b> 73073570 5360	3" BLOW OFF REGULATOR REBUILD KIT	535.00	<b>535.00</b>
504248 EFT	7/10/23	<b>INFINITY CORROSION GROUP INC</b> 83000570 5360	WILLOW CREEK WELL FLOORING SPECIFICA	1,381.60	<b>1,381.60</b>
504249 EFT	7/10/23	<b>INSIGHT PUBLIC SECTOR INC</b> 90000650 5230 90073650 5230	PURCHASE REPLACEMENT LAPTOPS PURCHASE REPLACEMENT LAPTOPS	333.83 87.19	<b>421.02</b>
504250 EFT	7/10/23	<b>INTERNATIONAL DIOXIDE INC</b> 71000590 5710	JVWTP SODIUM CHLORITE FOR FY23	26,794.77	<b>26,794.77</b>
504251 EFT	7/10/23	<b>MANLEY BROS OF INDIANA INC</b> 72000590 5710	22 TONS OF SILICA SAND FOR ACTIFLO	10,360.74	<b>10,360.74</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504252	EFT 7/10/23	<b>METROPOLITAN WATER DISTRICT</b> 70000510 5810	MWDSLS MAY 2023 WATER DELIVERIES	63,208.25	<b>\$63,208.25</b>
504253	EFT 7/10/23	<b>MOUNTAIN WEST PIPE &amp; SUPPLY</b> 81000570 5360	STAINLESS PIPEING FOR NEW WASHDOWN F	268.13	<b>268.13</b>
504254	EFT 7/10/23	<b>MRC GLOBAL</b> 71071570 5360	REPLACMENT ACTUATOR FOR SLUDGE VLA	5,548.00	<b>5,548.00</b>
504255	EFT 7/10/23	<b>SCHULTZ VENTURES, LLC</b> 51000650 5280	PROFESSIONAL CONSULTING SERVIC	12,133.60	<b>12,133.60</b>
504256	EFT 7/10/23	<b>SPRINKLER SUPPLY COMPANY</b> 83072570 5380	SPRINKLER SYSTEM REPAIRS - SERWTP	133.97	<b>133.97</b>
504257	EFT 7/10/23	<b>THATCHER COMPANY</b> 72000590 5710	PURCHASE OF PACL FOR FISCAL YE	13,871.17	<b>13,871.17</b>
504258	EFT 7/10/23	<b>TREVOR KOCH</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	1,216.88	<b>1,216.88</b>
504259	EFT 7/10/23	<b>UTAH YAMAS CONTROLS INC</b> 90000190 6010	PURCHASE SECURITY CAMERA STORAGE SE	58,250.00	<b>62,517.50</b>
		90000650 5230	INSTALL SECURITY CAMERAS AT ADMIN SITE	1,955.00	
		90000650 5230	SECURITY CAMERA REPAIR AT 5700 W 10200	190.00	
		90000650 5230	SECURITY CAMERA REPAIR AT HEADQUARTE	357.50	
		90000650 5230	SECURITY CAMERA REPAIRS AT EDUCATION	142.50	
		90073650 5230	SECURITY CAMERA REPAIR AT SWGWTP	262.50	
		90073650 5230	SECURITY SYSTEM REPAIRS AT SWG	977.50	
		90073650 5230	SECURITY SYSTEM REPAIRS AT SWGWTP	382.50	
504260	EFT 7/10/23	<b>VWR INTERNATIONAL INC</b> 78000590 5720	LAB SUPPLIES FOR TOC, MICRO AN	78.32	<b>78.32</b>
504261	EFT 7/10/23	<b>WATERFORD SERVICES, LLC</b> 73073570 5360	CHEMICAL DOSING PUMP REBUILD KITS	3,732.48	<b>3,732.48</b>
504262	EFT 7/10/23	<b>WORKSPACE ELEMENTS</b> 51000650 5220	OFFICE SUPPLIES	549.82	<b>549.82</b>
504263	EFT 7/10/23	<b>WW GRAINGER</b> 81000570 5330	CHAIN HOISTS, & HVAC CLEANER	894.08	<b>894.08</b>
504264	EFT 7/10/23	<b>ZACHARY AND HEIDI NAKAISHI</b> 62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,756.46	<b>1,756.46</b>
504265	EFT 7/14/23	<b>AFFILIATED METALS</b> 83072570 5350	METAL ANGLE FOR HATCH LID REPAIR	81.00	<b>199.36</b>
		83072570 5350	METAL CHANNEL TO FIX HATCH A SERWTP	118.36	
504266	EFT 7/14/23	<b>AMERICAN POWER SYSTEMS</b> 90000650 5230	ADMIN & DISTRIBUTION BLD UPS F	6,783.00	<b>6,783.00</b>
504267	EFT 7/14/23	<b>BARRETT BUSINESS SERVICES, INC</b> 52000650 5280	TEMP EMPLOYEES TIME	2,163.18	<b>10,618.74</b>
		62000570 5350	TEMP EMPLOYEES TIME	7,282.00	
		62000570 5670	TEMP EMPLOYEES TIME	1,173.56	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504268	EFT 7/14/23	<b>BIZWEAR</b> 75000590 5170	NEW HIRE UNIFORM ITEMS	193.75	<b>\$193.75</b>
504269	EFT 7/14/23	<b>CACHE VALLEY ELECTRIC</b> 90000650 5230 90071650 5230 90073650 5230 90077650 5230 90078650 5230 90101650 5230	REPLACEMENT CISCO PHONES REPLACEMENT CISCO PHONES REPLACEMENT CISCO PHONES REPLACEMENT CISCO PHONES REPLACEMENT CISCO PHONES REPLACEMENT CISCO PHONES	7,258.14 1,611.43 519.06 1,380.30 345.07 173.98	<b>11,287.98</b>
504270	EFT 7/14/23	<b>CDW GOVERNMENT INC</b> 90000650 5230	REPLACEMENT LAPTOP FOR MARTIN FEIL	2,744.30	<b>2,744.30</b>
504271	EFT 7/14/23	<b>CONSOR NORTH AMERICA, INC</b> 52000570 5400	RECORD OF SURVEY AND STAKING F	4,160.50	<b>4,160.50</b>
504272	EFT 7/14/23	<b>DEAN &amp; CINDY CAPSON TRUST</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	1,056.25	<b>1,056.25</b>
504273	EFT 7/14/23	<b>DEL TECHNOLOGIES INC</b> 72000590 5710	BRIDGING POLYMER - PRAESTOL DW22S	7,935.27	<b>7,935.27</b>
504274	EFT 7/14/23	<b>DIAMOND RENTAL LLC</b> 82000570 5380	CORE DRILL & BIT TO VENT AIR VACS TO THE	150.00	<b>150.00</b>
504275	EFT 7/14/23	<b>E.C.T SALES &amp; SERVICE, INC</b> 91000570 5310	REPLACEMENT GE MULTILIN FOR 15T	7,493.00	<b>7,493.00</b>
504276	EFT 7/14/23	<b>EXPRESS AUTO GLASS INC</b> 81000570 5330	WINDSHIELD REPLACEMENT	269.00	<b>269.00</b>
504277	EFT 7/14/23	<b>FERGUSON ENTERPRISES LLC</b> 82000570 5380	1-1/4" CTS X MIP COUPLERS & HARD COPPEI	234.72	<b>234.72</b>
504278	EFT 7/14/23	<b>FOLIAGE, INC</b> 51000650 5350	PLANT SERVICES FOR APRIL 2023	420.00	<b>420.00</b>
504279	EFT 7/14/23	<b>GRAYBAR ELECTRIC COMPANY INC</b> 91000570 5310	REPLACE POWER SUPPLIES	721.16	<b>721.16</b>
504280	EFT 7/14/23	<b>HOUSTON PAINTING COMPANY</b> 11000184 6010 4115	WILLOW CREEK AND WASHBAY	8,375.00	<b>8,375.00</b>
504281	EFT 7/14/23	<b>HY-KO SUPPLY COMPANY</b> 83000570 5350	TRASH CAN LINERS	234.15	<b>234.15</b>
504282	EFT 7/14/23	<b>INFINITY CORROSION GROUP INC</b> 83000570 5360	RESERVOIR EVALUATIONS (TERMINAL RES.8	5,001.80	<b>5,001.80</b>
504283	EFT 7/14/23	<b>INTERNATIONAL DIOXIDE INC</b> 71000590 5710	JVWTP SODIUM CHLORITE FOR FY23	28,278.51	<b>28,278.51</b>
504284	EFT 7/14/23	<b>KWIK KOPY PRINTING</b> 51000650 5220	OFFICE SUPPLIES	90.00	<b>90.00</b>
504285	EFT 7/14/23	<b>MCGEE COMPANY</b> 83000570 5360	FLEET VEHICLE HOIST INSPECTIONS	619.50	<b>619.50</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504286	EFT 7/14/23	<b>MOUNTAINLAND SUPPLY COMPANY</b> 75000570 5380	MISC. BRASS FITTINGS AND SUPPLIES	470.38	<b>\$470.38</b>
504287	EFT 7/14/23	<b>OWEN EQUIPMENT</b> 81000570 5330	TARP REPAIR #412	721.61	<b>721.61</b>
504288	EFT 7/14/23	<b>ROCKY MOUNTAIN VALVES &amp; AUTOMATION</b> 82000570 5380	3-1" AIR VAC FOR THE 16" LINE AT SNOW MOI	2,397.00	<b>2,397.00</b>
504289	EFT 7/14/23	<b>RYAN JEFFS</b> 80000570 5290	CDL LIC AND TANKER ENDORSEMENT FEE RI	32.00	<b>32.00</b>
504290	EFT 7/14/23	<b>SCHULTZ VENTURES, LLC</b> 51000650 5280	PROFESSIONAL CONSULTING SERVIC	7,583.50	<b>7,583.50</b>
504291	EFT 7/14/23	<b>SMITH &amp; EDWARDS</b> 80000570 5260	NEW HIRE SAFETY BOOTS	134.95	<b>134.95</b>
504292	EFT 7/14/23	<b>SPRINKLER SUPPLY COMPANY</b> 82000570 5380	BRASS & PVC FITTINGS FOR AV R&R ON THE	177.78	<b>177.78</b>
504293	EFT 7/14/23	<b>STAPLES BUSINESS ADVANTAGE</b> 51000650 5220 71000590 5220 72000590 5220 73000590 5220 78000590 5720 80000570 5220	OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES	402.69 26.44 37.62 283.86 717.00 154.22	<b>1,621.83</b>
504294	EFT 7/14/23	<b>STEVEN &amp; STEPHANIE WARNER LIVING TRUST</b> 62000570 5670 62000570 5670	FLIP YOUR STRIP PAYMENT LOCALSCAPES REWARDS PAYMENT	1,006.25 6,377.87	<b>7,384.12</b>
504295	EFT 7/14/23	<b>THATCHER COMPANY</b> 71000590 5710 71000590 5710 75000590 5710	JVWTP CHLORINE FOR FY23 JVWTP PACL FOR FY23 SODIUM HYPOCHLORITE FOR DIST.	26,400.00 16,426.38 336.45	<b>43,162.83</b>
504296	EFT 7/14/23	<b>THERMO ELECTRON NORTH AMERICA LLC</b> 78000590 5720	ICP-MS SOLUTIONS	319.00	<b>319.00</b>
504297	EFT 7/14/23	<b>TRAILBLAZER CONTROLS CORPORATION</b> 91072570 5310	FLUORIDE SAMPLE PUMP ASSEMBLY	289.00	<b>289.00</b>
504298	EFT 7/14/23	<b>UTAH LAKE WATER USERS ASSOCIATION INC</b> 70000510 5810	ULWUA JUNE 2023 MAINTENANCE	3,677.28	<b>3,677.28</b>
504299	EFT 7/14/23	<b>VWR INTERNATIONAL INC</b> 78000590 5720	MISCELLANEOUS LAB SUPPLIES	253.28	<b>253.28</b>
504300	EFT 7/14/23	<b>WATERFORD SERVICES, LLC</b> 75000590 5710	24 BUCKETS OF ACCUTAB PUCKS	4,684.18	<b>4,684.18</b>
504301	EFT 7/14/23	<b>WORKSPACE ELEMENTS</b> 51000650 5220	OFFICE SUPPLIES	520.20	<b>520.20</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
<b>504302</b>	<b>EFT 7/14/23</b>	<b>WW GRAINGER</b>			<b>\$1,346.01</b>
		72000590 5260	(8) SAFETY CONES (4) GAS MASK FILTER CAI	432.88	
		72072570 5380	TOUGH GUY TRASH BAGS 45GAL 150 PACK	44.47	
		75000570 5380	MISC. PRESSURE GAUGES	868.66	
<b>504303</b>	<b>EFT 7/21/23</b>	<b>ADVANCED ENGINEERING &amp; ENVIRONMENTAL SERVICES</b>			<b>844.50</b>
		11000182 6010 4284	SERWTP POLYMER SYSTEM UPGRADES	844.50	
<b>504304</b>	<b>EFT 7/21/23</b>	<b>BOWEN COLLINS &amp; ASSOCIATES</b>			<b>100,701.00</b>
		11000180 6010 4242	WELL DEVELOPMENT & TEST PUMPIN	10,207.25	
		11000186 6010 4231	5200 WEST 6200 SOUTH RESERVOIR	53,625.60	
		11000188 6010 4190	3300 SOUTH PIPELINE REPLACEMEN	36,868.15	
<b>504305</b>	<b>EFT 7/21/23</b>	<b>BROWN AND CALDWELL CORP.</b>			<b>30,506.61</b>
		11000182 6010 4138	JVWTP SEDIMENTATION BASINS EQU	30,506.61	
<b>504306</b>	<b>EFT 7/21/23</b>	<b>CENTRAL UTAH WATER CONSERVANCY DISTRICT</b>			<b>356,896.40</b>
		70000510 5810	CUWCD CWP WATER DELIVERIES JUNE 2023	356,896.40	
<b>504307</b>	<b>EFT 7/21/23</b>	<b>COMFORT SYSTEMS USA</b>			<b>5,715.52</b>
		81071570 5380	CHILLER REPAIR JVWCD	5,715.52	
<b>504308</b>	<b>EFT 7/21/23</b>	<b>ELWELL CONSULTING GROUP, PLLC</b>			<b>4,290.00</b>
		11000140 6010 4219	HAZARD MITIGATION PLAN-BRIC 20	4,290.00	
<b>504309</b>	<b>EFT 7/21/23</b>	<b>ERIKS NORTH AMERICA</b>			<b>2,237.00</b>
		82101570 5310	6" DISCHARGE HOSE FOR DEWATERING AQL	2,237.00	
<b>504310</b>	<b>EFT 7/21/23</b>	<b>FINLINSON &amp; FINLINSON PLLC</b>			<b>16,965.00</b>
		51000650 5284	PREP 60	16,965.00	
<b>504311</b>	<b>EFT 7/21/23</b>	<b>HACH COMPANY</b>			<b>4,979.65</b>
		71000590 5720	LAB MATERIALS	264.66	
		72000590 5720	LAB SUPPLIES	516.66	
		75000590 5710	CL-2 RESIDUAL TESTING SUPPLIES	1,720.33	
		91072570 5310	ANNUAL SOLITAX PROBE MAINTENANCE	2,478.00	
<b>504312</b>	<b>EFT 7/21/23</b>	<b>HANSEN ALLEN &amp; LUCE INC</b>			<b>10,890.75</b>
		11000180 6010 4280	EQUIPPING OF 76&7 AND 78&10 WE	10,890.75	
<b>504313</b>	<b>EFT 7/21/23</b>	<b>HARRINGTON INDUSTRIAL PLASTICS LLC</b>			<b>10,783.69</b>
		72072570 5380	CUSTOM END CAPS FOR SURFACE WASH	3,500.00	
		81072570 5380	CUSTOM END CAPS FOR SURFACE WASH	2,602.00	
		81072570 5380	GASKETS AND BOLTS FOR CHLORINE BULK	107.79	
		81072570 5380	REPLACEMENT VALVES FOR THE CHLORINE	4,573.90	
<b>504314</b>	<b>EFT 7/21/23</b>	<b>HEATH ENGINEERING COMPANY</b>			<b>600.00</b>
		11000182 6010 4226	SERWTP HVAC & CONTROLS INTEGRA	600.00	
<b>504315</b>	<b>EFT 7/21/23</b>	<b>INDUSTRIAL SUPPLY</b>			<b>51.22</b>
		75000590 5260	RAIN GEAR	51.22	
<b>504316</b>	<b>EFT 7/21/23</b>	<b>INFINITY CORROSION GROUP INC</b>			<b>8,646.00</b>
		11000186 6010 4271	8-MG & 2-MG STEEL RESERVOIRS P	8,646.00	
<b>504317</b>	<b>EFT 7/21/23</b>	<b>INTERNATIONAL DIOXIDE INC</b>			<b>26,225.38</b>
		71000590 5710	JVWTP SODIUM CHLORITE FOR FY23	26,225.38	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504318	EFT 7/21/23	<b>JACOBS ENGINEERING GROUP INC</b> 11000186 6010 4276 77073590 5770	11800 SOUTH ZONE C RESERVOIR GSL BIRD SURVEY	37,186.81 20,622.50	<b>\$57,809.31</b>
504319	EFT 7/21/23	<b>JACQUELINE HANSEN FOWERS</b> 60000650 5270	RO BLDG PHOTO, VIDEO & AERIAL DRONE F	360.00	<b>360.00</b>
504320	EFT 7/21/23	<b>K.O.H. MECHANICAL CONTRACTORS, INC</b> 11000182 6010 4226 11000182 6010 4279	SERWTP HVAC IMPROVEMENTS JVWTP BOILERS REPLACEMENT PROJ	3,576.88 68,041.66	<b>71,618.54</b>
504321	EFT 7/21/23	<b>KILGORE COMPANIES, LLC</b> 82000570 5380 82000570 5380	CONCRETE & IMPORT DIRTY FILLS IMPORT CLEAN CONCRETE	909.20 21.98	<b>931.18</b>
504322	EFT 7/21/23	<b>KWIK KOPY PRINTING</b> 51000650 5220	OFFICE SUPPLIES	1,160.00	<b>1,160.00</b>
504323	EFT 7/21/23	<b>LARRY H MILLER FORD</b> 81000570 5330	DOOR LOCK ACUATOR	80.90	<b>80.90</b>
504324	EFT 7/21/23	<b>LES OLSON COMPANY</b> 90000650 5230 90071650 5230 90072650 5230 90073650 5230 90078650 5230	PRINTING QT MAINTENANCE PRINTING QT MAINTENANCE PRINTING QT MAINTENANCE PRINTING QT MAINTENANCE PRINTING QT MAINTENANCE	3,559.09 466.94 58.09 14.59 1.11	<b>4,099.82</b>
504325	EFT 7/21/23	<b>LISA NORDSTROM</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	2,099.20	<b>2,099.20</b>
504326	EFT 7/21/23	<b>MICHAEL &amp; BRITTANY KESSLER</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	950.00	<b>950.00</b>
504327	EFT 7/21/23	<b>MOUNTAINLAND SUPPLY COMPANY</b> 81000570 5380	PIPE TO REPAIR GATE	284.60	<b>284.60</b>
504328	EFT 7/21/23	<b>MRC GLOBAL</b> 71071570 5360	REPLACEMENT ACTUATOR FOR SLUDGE VLA	143.13	<b>143.13</b>
504329	EFT 7/21/23	<b>MURRAY CITY CORPORATION</b> 82000570 5380	4-MURRAY EXCAVATION PERMITS FOR WATE	1,000.00	<b>1,000.00</b>
504330	EFT 7/21/23	<b>ROCKY MOUNTAIN VALVES &amp; AUTOMATION</b> 81000570 5380	LOW PRESSURE KITS FOR TERMINAL AIR VA	300.00	<b>300.00</b>
504331	EFT 7/21/23	<b>ROSS MITCHELL</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	646.71	<b>646.71</b>
504332	EFT 7/21/23	<b>SPRINKLER SUPPLY COMPANY</b> 83000570 5350	SPRINKLER CLOCK FOR ALBION WELL AND V	1,158.46	<b>1,158.46</b>
504333	EFT 7/21/23	<b>STAPLES BUSINESS ADVANTAGE</b> 80000570 5220	OFFICE SUPPLIES	34.27	<b>34.27</b>
504334	EFT 7/21/23	<b>STEVE REGAN COMPANY</b> 83072570 5350	WEED BARRIER FABRIC AND STAKES FOR GI	179.25	<b>179.25</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504335	EFT 7/21/23	<b>STEVEN AND BRENDA HOOK</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	1,410.00	<b>\$1,410.00</b>
504336	EFT 7/21/23	<b>TALISMAN CIVIL CONSULTANTS</b> 11000160 6010 3910	HEADQUARTERS CAMPUS SITE IMPRO	1,282.50	<b>1,282.50</b>
504337	EFT 7/21/23	<b>THERMO ELECTRON NORTH AMERICA LLC</b> 78000590 5290	ICP-MS ON-SITE TRAINING	6,970.00	<b>6,970.00</b>
504338	EFT 7/21/23	<b>TIRE WORLD</b> 81000570 5330 81000570 5330	TIRES FO VEHICLES TIRES FOR VEHICLES	1,048.50 507.88	<b>1,556.38</b>
504339	EFT 7/21/23	<b>TRACIE KAY</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	815.63	<b>815.63</b>
504340	EFT 7/21/23	<b>TRAILBLAZER CONTROLS CORPORATION</b> 91071570 5310	CAL2000 GAS METER ANNUAL CALIBRATION	979.00	<b>979.00</b>
504341	EFT 7/21/23	<b>TRANS-JORDAN CITIES</b> 82000570 5380 83072570 5380	IMPORT FILLS LANDFILL TICKETS (MATERIAL FROM SERWT	8.00 7,513.72	<b>7,521.72</b>
504342	EFT 7/21/23	<b>UNITED FENCE</b> 11000160 6010 4014	WATER TRAILER STORAGE/NEW FENC	60,263.00	<b>60,263.00</b>
504343	EFT 7/21/23	<b>UTAH YAMAS CONTROLS INC</b> 90073650 5230 11000186 6010 4297	SECURITY SYSTEM REPAIRS AT SWG ZONE D RESERVOIR REPLACEMENT C	1,677.00 11,413.50	<b>13,090.50</b>
504344	EFT 7/21/23	<b>VANCON INC</b> 11000182 6010 4070 11000182 6010 4277	JVWTP BLOWER ROOM ACOUSTICAL I JVWTP BASINS 3-6 UPGRADES	7,458.75 11,691.25	<b>19,150.00</b>
504345	EFT 7/21/23	<b>WW GRAINGER</b> 81071570 5380 82101570 5310	BRONZE BUSHING FOR VALVE ACTUATOR RE AIR HAMMER - PLM	29.42 443.28	<b>472.70</b>
504346	EFT 7/28/23	<b>APPLIED GEOTECHNICAL ENGINEERING</b> 11000188 6010 4270	2023 DISTRIBUTION PIPELINE REPLACEMEN	205.00	<b>205.00</b>
504347	EFT 7/28/23	<b>BOWEN COLLINS &amp; ASSOCIATES</b> 11000188 6010 4190 11000180 6010 4242	3300 SOUTH PIPELINE REPLACEMEN WELL DEVELOPMENT & TEST PUMPIN	32,152.16 2,196.00	<b>34,348.16</b>
504348	EFT 7/28/23	<b>CARENOW</b> 51000650 5170	NEW HIRE DRUG TESTING	1,417.00	<b>1,417.00</b>
504349	EFT 7/28/23	<b>CHEMTECH-FORD INC</b> 77073590 5770	WQ ANALYSIS	43.00	<b>43.00</b>
504350	EFT 7/28/23	<b>CORE &amp; MAIN</b> 82000570 5380	COUPLERS	476.10	<b>476.10</b>
504351	EFT 7/28/23	<b>CORRIO CONSTRUCTION, INC.</b> 11000188 6010 4204	ZONE D CHEMICAL FEED FACILITY	101,446.98	<b>101,446.98</b>
504352	EFT 7/28/23	<b>ENERGY MANAGEMENT CORPORATION</b> 81072570 5380 91000194 6010	SIGNAL CONDITIONER FOR SERWTP GENER. 13400 PUMP STATION RETROFIT KI	129.99 25,828.63	<b>25,958.62</b>



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

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504353	EFT 7/28/23	<b>ERIKS NORTH AMERICA</b> 81072570 5380	CAM LOCK FITTINGS FOR THE CHEMICAL FE	13.08	<b>\$13.08</b>
504354	EFT 7/28/23	<b>GRAYBAR ELECTRIC COMPANY INC</b> 91000570 5310	LMR 400 CABLE FOR RADIOS	902.78	<b>902.78</b>
504355	EFT 7/28/23	<b>HACH COMPANY</b> 91000570 5310	PH SENSOR REPLACEMENT FOR PH PORTABL	957.50	<b>957.50</b>
504356	EFT 7/28/23	<b>HANSEN ALLEN &amp; LUCE INC</b> 11000180 6010 4280 11000180 6010 4281	EQUIPPING OF 76&7 AND 78&10 WE WELL REPAIRS	16,509.45 2,533.35	<b>19,042.80</b>
504357	EFT 7/28/23	<b>HARRINGTON INDUSTRIAL PLASTICS LLC</b> 75000570 5380	MISC. FITTINGS FOR CHEMICAL FEED SYSTE	739.81	<b>739.81</b>
504358	EFT 7/28/23	<b>INSIGHT PUBLIC SECTOR INC</b> 90000650 5230 90073650 5230	PURCHASE REPLACEMENT LAPTOPS PURCHASE REPLACEMENT LAPTOPS	328.78 85.88	<b>414.66</b>
504359	EFT 7/28/23	<b>INTERNATIONAL DIOXIDE INC</b> 71000590 5710	JVWTP SODIUM CHLORITE FOR FY23	52,457.04	<b>52,457.04</b>
504360	EFT 7/28/23	<b>MOUNTAINLAND SUPPLY COMPANY</b> 75000590 5310	MILWAUKEE TOOLS	865.00	<b>865.00</b>
504361	EFT 7/28/23	<b>MURRAY CITY CORPORATION</b> 75309590 5410	350 E 4500 S	32.52	<b>32.52</b>
504362	EFT 7/28/23	<b>NELSON BROTHERS CONSTRUCTION COMPANY</b> 11000184 6010 4275	INSTALL PUMP #1 AT OLD BINGHAM	53,197.15	<b>53,197.15</b>
504363	EFT 7/28/23	<b>PECZUH PRINTING</b> 60000650 5270	2023 CCR - CUSTOMER CONFIDENCE REPOF	100.00	<b>100.00</b>
504364	EFT 7/28/23	<b>PILOT THOMAS LOGISTICS</b> 75000570 5360	DIESEL FULE FOR EMERGENCY GENERATOR	6,226.42	<b>6,226.42</b>
504365	EFT 7/28/23	<b>ROYAL WHOLESALE ELECTRIC</b> 11000184 6010 4199	3600 WEST 10200 SOUTH PUMP STA	8,955.20	<b>8,955.20</b>
504366	EFT 7/28/23	<b>TIMOTHY JONES</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	9,667.29	<b>9,667.29</b>
504367	EFT 7/28/23	<b>TIRE WORLD</b> 81000570 5330	TIRES FOR 411	1,670.64	<b>1,670.64</b>
504368	EFT 7/28/23	<b>TRANS-JORDAN CITIES</b> 83000570 5350	WASTE	113.16	<b>113.16</b>
504369	EFT 7/28/23	<b>UTAH BARRICADE COMPANY INC</b> 82000570 5380	TRAFFIC CONTROL	3,064.40	<b>3,064.40</b>
504370	EFT 7/28/23	<b>VANGUARD CLEANING SYSTEMS OF UTAH</b> 83000570 5360	MAIN CAMPUS BATHROOM CLEANING AND C	3,200.00	<b>3,200.00</b>
504371	EFT 7/28/23	<b>VWR INTERNATIONAL INC</b> 78000590 5260 78000590 5720	HAAS SUPPLIES AND CONDUCTIVITY HAAS SUPPLIES AND CONDUCTIVITY	17.61 248.71	<b>266.32</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504372	EFT 7/28/23	<b>WNA SERVICES CO.</b> 51000650 5170	NEWS TRACKER	150.00	<b>\$150.00</b>
504373	EFT 7/28/23	<b>WW GRAINGER</b> 71000590 5310 81000570 5310	PULLER SET FOR SHOP AND EQUIPMENT PULLER SET FOR SHOP AND EQUIPMENT	-231.96 1,209.85	<b>977.89</b>
504374	EFT 7/31/23	<b>ABIGAIL LITTLE</b> 51000650 5260	TEMP SAFETY POINTS	42.00	<b>42.00</b>
504375	EFT 7/31/23	<b>ACCUSTANDARD INC</b> 78000590 5720	LAB STANDARDS	212.32	<b>212.32</b>
504376	EFT 7/31/23	<b>ACTION LOCKSMITH</b> 81000570 5360	DESK KEY FOR ADMIN OFFICE	15.75	<b>15.75</b>
504377	EFT 7/31/23	<b>ALEXIS MORSE</b> 51000650 5260	TEMP SAFETY POINTS	60.00	<b>60.00</b>
504378	EFT 7/31/23	<b>ALISON REZAC MARTIN</b> 51000650 5260	TEMP SAFETY POINTS	59.00	<b>59.00</b>
504379	EFT 7/31/23	<b>AUDREY LINFORD</b> 51000650 5260	TEMP SAFETY POINTS	67.00	<b>67.00</b>
504380	EFT 7/31/23	<b>BARRY MARTAK</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	4,009.50	<b>4,009.50</b>
504381	EFT 7/31/23	<b>BARRETT BUSINESS SERVICES, INC</b> 52000650 5280 62000570 5350 62000570 5670	TEMP EMPLOYEES TIME TEMP EMPLOYEES TIME TEMP EMPLOYEES TIME	5,154.80 17,344.91 3,607.25	<b>26,106.96</b>
504382	EFT 7/31/23	<b>BLUE STAR GAS</b> 81000570 5340	PROPANE FOR FORK LIFTS.	93.95	<b>93.95</b>
504383	EFT 7/31/23	<b>BRYAN SNYDER</b> 62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	2,744.96	<b>2,744.96</b>
504384	EFT 7/31/23	<b>CACHE VALLEY ELECTRIC</b> 90000650 5230	VMWARE SUPPORT AND SUBSCRIPTION REN	66.96	<b>66.96</b>
504385	EFT 7/31/23	<b>CDW GOVERNMENT INC</b> 90000650 5230	DAMEWARE AND NETWORK CONFIGURATION	1,165.00	<b>1,165.00</b>
504386	EFT 7/31/23	<b>CENTRAL UTAH WATER CONSERVANCY DISTRICT</b> 70000510 5810	2023 CONTRIBUTION TO JUNE SUCKERS	12,500.00	<b>12,500.00</b>
504387	EFT 7/31/23	<b>CHEMTECH-FORD INC</b> 77000590 5770 77071590 5770 77072590 5770 77073590 5770 77075590 5770	WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS WATER QUALITY ANALYSIS	252.00 535.00 531.00 1,143.00 1,379.00	<b>3,840.00</b>
504388	EFT 7/31/23	<b>CHRISTINA BENNION</b> 51000650 5260	TEMP SAFETY POINTS	41.00	<b>41.00</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
<b>504389</b>	<b>EFT 7/31/23</b>	<b>CINTAS CORPORATION</b>			<b>\$896.82</b>
		71000590 5260	FIRST AID CABINET SUPPLIES	521.75	
		72000590 5260	FIRST AID SUPPLIES	250.72	
		73000590 5260	FIRST AID SUPPLIES	124.35	
<b>504390</b>	<b>EFT 7/31/23</b>	<b>CLAIRE HOWE (CASAH TRUST)</b>			<b>5,017.85</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	5,017.85	
<b>504391</b>	<b>EFT 7/31/23</b>	<b>COMMERCIAL LIGHTING SUPPLY INC</b>			<b>170.25</b>
		81000570 5360	LED LIGHTS FOR UPSTAIRS ADMIN BUILDING	170.25	
<b>504392</b>	<b>EFT 7/31/23</b>	<b>DAKOTA F.SMITH</b>			<b>47.00</b>
		51000650 5260	TEMP SAFETY POINTS	47.00	
<b>504393</b>	<b>EFT 7/31/23</b>	<b>DAVID POWERS LIVING TRUST</b>			<b>1,089.40</b>
		62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	1,089.40	
<b>504394</b>	<b>EFT 7/31/23</b>	<b>ELIAS MANGAN</b>			<b>41.00</b>
		51000650 5260	TEMP SAFETY POINTS	41.00	
<b>504395</b>	<b>EFT 7/31/23</b>	<b>EMILY BONHAM</b>			<b>909.73</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	909.73	
<b>504396</b>	<b>EFT 7/31/23</b>	<b>EMILY KENNER</b>			<b>67.00</b>
		51000650 5260	TEMP SAFETY POINTS	67.00	
<b>504397</b>	<b>EFT 7/31/23</b>	<b>EMPLOYERS COUNCIL SERVICES, INC</b>			<b>7,100.00</b>
		51000650 5170	EMPLOYERS COUNCIL MEMBERSHIP	7,100.00	
<b>504398</b>	<b>EFT 7/31/23</b>	<b>ERIKS NORTH AMERICA</b>			<b>34.30</b>
		75002570 5380	3 INCH GASKETS	34.30	
<b>504399</b>	<b>EFT 7/31/23</b>	<b>HANSEN ALLEN &amp; LUCE INC</b>			<b>11,458.90</b>
		11000180 6010 4281	COLLEGE ST. WELL REPAIR	1,343.90	
		11000188 6010 4204	ZONE D CHEMICAL FEED FACILITY	10,115.00	
<b>504400</b>	<b>EFT 7/31/23</b>	<b>IDEXX LABORATORIES INC</b>			<b>374.43</b>
		78000590 5720	MICRO SUPPLIES	374.43	
<b>504401</b>	<b>EFT 7/31/23</b>	<b>JACOBS ENGINEERING GROUP INC</b>			<b>29,636.03</b>
		11000186 6010 4276	11800 SOUTH ZONE C RESERVOIR	29,636.03	
<b>504402</b>	<b>EFT 7/31/23</b>	<b>JESSICA TAYLOR</b>			<b>1,086.97</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	1,086.97	
<b>504403</b>	<b>EFT 7/31/23</b>	<b>JOSEPH BILINSKI</b>			<b>9,618.90</b>
		62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	9,618.90	
<b>504404</b>	<b>EFT 7/31/23</b>	<b>KARALEE ATKINSON</b>			<b>3,996.66</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	3,996.66	
<b>504405</b>	<b>EFT 7/31/23</b>	<b>KENT PEARSON</b>			<b>195.62</b>
		62000570 5670	FLIP YOUR STRIP PAYMENT	195.62	
<b>504406</b>	<b>EFT 7/31/23</b>	<b>KILGORE COMPANIES, LLC</b>			<b>165.14</b>
		82000570 5380	ASPHALT	165.14	
<b>504407</b>	<b>EFT 7/31/23</b>	<b>LESLIE HJORTH</b>			<b>2,260.37</b>
		62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	2,260.37	

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

*For the Period July 01, 2023 Through July 31, 2023*

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504408	EFT 7/31/23	<b>LONG TING KAN</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	8,999.98	<b>\$8,999.98</b>
504409	EFT 7/31/23	<b>LUKE MCLAUGHLIN</b> 51000650 5260	TEMP SAFETY POINTS	59.00	<b>59.00</b>
504410	EFT 7/31/23	<b>MARCUS G FAUST PC</b> 51000650 5284	PROFESSIONAL CONSULTING SERVICES	3,000.00	<b>3,000.00</b>
504411	EFT 7/31/23	<b>MCKENNA ANDERSEN</b> 51000650 5260	TEMP SAFETY POINTS	53.00	<b>53.00</b>
504412	EFT 7/31/23	<b>MEGAN HILL</b> 51000650 5260	TEMP SAFETY POINTS	48.00	<b>48.00</b>
504413	EFT 7/31/23	<b>MICHAEL CALDWELL</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	869.37	<b>869.37</b>
504414	EFT 7/31/23	<b>MIKE &amp; CHRISTINE RIGGLE</b> 62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	2,268.88	<b>2,268.88</b>
504415	EFT 7/31/23	<b>MOUNTAINLAND SUPPLY COMPANY</b> 75002570 5380 75002570 5380	ANGLE VALVES AND EXPAMTION NUTS SENSUS COMMANDLINK 2	611.37 771.37	<b>1,382.74</b>
504416	EFT 7/31/23	<b>OLYMPUS INSURANCE AGENCY</b> 51000650 5210	PROPERTY AND LIABILITY COVERAGE FOR	1,256,027.00	<b>1,256,027.00</b>
504417	EFT 7/31/23	<b>PETER FRIPP</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	9,867.75	<b>9,867.75</b>
504418	EFT 7/31/23	<b>PHOTOSHELTER, INC</b> 60000650 5270	DIGITAL ASSET MANAGEMENT SERVICE FOR	6,353.00	<b>6,353.00</b>
504419	EFT 7/31/23	<b>PORTER HUNT</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	362.50	<b>362.50</b>
504420	EFT 7/31/23	<b>RICHARD &amp; FLORENCE EVANS TRUST</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	673.15	<b>673.15</b>
504421	EFT 7/31/23	<b>RICHARD HOONAKKER</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	1,854.56	<b>1,854.56</b>
504422	EFT 7/31/23	<b>ROBERT &amp; JOYCE SHORT TRUST</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	4,911.70	<b>4,911.70</b>
504423	EFT 7/31/23	<b>RYANN LAW</b> 62000570 5670	FLIP YOUR STRIP PAYMENT	1,428.13	<b>1,428.13</b>
504424	EFT 7/31/23	<b>SARAH LUNDY</b> 51000650 5260	TEMP SAFETY POINTS	39.00	<b>39.00</b>
504425	EFT 7/31/23	<b>SCOTT &amp; DESIREE CRUMP FAMILY TRUST</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	635.00	<b>635.00</b>
504426	EFT 7/31/23	<b>SHERWIN-WILLIAMS COMPANY</b> 83000570 5350	PAINT TO PAINT THE WALLS AND DOOR JAM	465.42	<b>465.42</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PAYMENT REGISTER - O&M ACCOUNT

**For the Period July 01, 2023 Through July 31, 2023**

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504427	EFT 7/31/23	<b>SPRINKLER SUPPLY COMPANY</b> 81072570 5380	FITTINGS FOR THE BUBBLER SYSTEM	15.48	<b>\$15.48</b>
504428	EFT 7/31/23	<b>STEVEN SEAMONS</b> 62000570 5670	LANDSCAPE INCENTIVE PROGRAM PAYMENT	482.56	<b>482.56</b>
504430	EFT 7/31/23	<b>SWIRE COCA-COLA USA</b> 51000650 5170	COKE PRODUCT	32.82	<b>32.82</b>
504431	EFT 7/31/23	<b>THATCHER COMPANY</b> 71000590 5710 71000590 5710 71000590 5710 72000590 5710 72000590 5710 75000590 5710	CHEMICALS FOR JVWTP - HYDROFLUOROSIL CHEMICALS FOR JVWTP - LIQUID CHLORINE CHEMICALS FOR JVWTP - PACL PURCHASE FOR FLUORIDE FOR FISCAL YEA PURCHASE OF CHLORINE FOR THE FISCAL Y SODIUM HYPOCHLORITE FOR DIST.	15,794.06 86,394.39 114,253.31 7,166.22 15,467.90 13,555.18	<b>252,631.06</b>
504432	EFT 7/31/23	<b>TIA HOLLINSHEAD</b> 51000650 5260	TEMP SAFETY POINTS	68.00	<b>68.00</b>
504433	EFT 7/31/23	<b>TRITECH SOFTWARE SYSTEMS</b> 90000650 5230	LUCITY ANNUAL SOFTWARE MAINTENANCE	17,608.86	<b>17,608.86</b>
504434	EFT 7/31/23	<b>TRUDY PETERSON</b> 62000570 5670	LOCALSCAPES REWARDS PROGRAM PAYME	1,025.83	<b>1,025.83</b>
504435	EFT 7/31/23	<b>VANGUARD CLEANING SYSTEMS OF UTAH</b> 83000570 5360 83071570 5360 83072570 5360 83073570 5360	JANITORIAL SERVICES JANITORIAL SERVICES JANITORIAL SERVICES JANITORIAL SERVICES	5,151.64 1,562.38 600.90 412.75	<b>7,727.67</b>
504436	EFT 7/31/23	<b>WINMARK STAMP &amp; SIGN INC</b> 83000570 5350	NAME PLATES FOR TANNER PALMER AND SA	55.25	<b>55.25</b>
504437	EFT 7/31/23	<b>WW GRAINGER</b> 83000570 5350	BATTERIES FOR AUTO FAUCETS IN ADMIN &	189.76	<b>189.76</b>
504438	7/31/23	<b>ZASIO ENTERPRISES INC</b>			<b>VOID</b>
504439	EFT 7/31/23	<b>ZOE SIM</b> 51000650 5260	TEMP SAFETY POINTS	64.00	<b>64.00</b>
<b>REPORT TOTAL:</b>					<b><u><u>\$4,698,337.98</u></u></b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

For the Period July 01, 2023 Through July 31, 2023

PAYMENT DATE	PAYMENT TYPE	VENDOR NAME	DESCRIPTION	PAYMENT AMOUNT
7/5/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	364,684.50
7/5/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	58,082.12
7/5/2023	ACH	URS	STATE RETIREMENT	98,201.42
7/5/2023	ACH	HEALTHQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,799.58
7/5/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	17,195.45
7/5/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	62,625.60
7/11/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	4,937.69
7/11/2023	ACH	EMPLOYEES	TERMINATED EMPLOYEES CASHOUT	200.81
7/20/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	370,323.21
7/20/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	58,522.32
7/20/2023	ACH	URS	STATE RETIREMENT	93,452.46
7/20/2023	ACH	HEALTHQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,744.58
7/20/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	17,508.59
7/20/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	59,171.25
7/25/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	3,057.75
REPORT TOTAL:				\$ 1,235,507.33

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

For the Period 7/1/2023 Through 7/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/3/2023	MICHAEL LORENC	THE HOME DEPOT #4410	BROAD FORK, PVC CUTTERS, MISC SUPPLIES	62000570 5350	79.90
7/3/2023	TERESA ATKINSON	AMZN MKTP US*R844G1093	AMAZON ORDER #111-9582475-2374610 - EVENT SWAG - CYNTHIA \$559.80	60000650 5270	559.80
7/3/2023	TERESA ATKINSON	FACEBK R5NE8TKMJ2	META ADS - UWS#R5NE8TKMJ2 \$99.75	62000570 5270	99.75
7/3/2023	CORY COLLINS	PREMIER CLEANERS	DRY CLEANERS TABLECLOTHS	62000570 5350	239.00
7/3/2023	TERESA ATKINSON	DNH*GODADDY.COM	GODADDY - JWVCD.ORG RENEWAL 1 YEAR \$21.17	90000650 5230	21.17
7/3/2023	JACKIE BUHLER	UPS*BILLING CENTER	PAYMENT FOR INVOICE #0000A3278X253	51000650 5250	9.12
7/3/2023	JORDAN TOMSIC	THE HOME DEPOT 4410	OPERATIONS CUBE CITY MOVE AND OUTLET DATA RELOCATION PARTS FOR UNDER THE DESK	91000570 5310	316.14
7/4/2023	SHAUN MOSER	SPRINKLER SUPPLY	STEEL EDGING AND MARKING PAINT	62000570 5350	385.62
7/4/2023	SHAUN MOSER	AMZN MKTP US*AJ5FR84G3	PLASTIC PLANT TAGS	62000570 5350	13.99
7/4/2023	JORDAN TOMSIC	AMZN MKTP US*CX4QL69N3	DATA PARTS FOR OPERATIONS CUBE CITY MOVE	91000570 5310	147.76
7/4/2023	JACKIE BUHLER	B2B PRIME*1171Z1CJ3	AMAZON PRIME MEMBERSHIP FOR DISTRICT	51000650 5220	1,299.00
7/6/2023	SHAUN MOSER	AMZN MKTP US*4J30N7DP3	ECHINACEA SEEDS	62000570 5350	99.90
7/6/2023	EPIMENIO TRUJILLO	AMZN MKTP US*UU7JX7DB3	CAR WASH BAY FLOOR MATT HANGERS	81000570 5330	49.97
7/7/2023	SHAUN MOSER	AMZN MKTP US*GK5O47KE3	QUICK COUPLER EXTENDERS	62000570 5350	108.56
7/7/2023	JOSHUA SHREWSBURY	AMZN MKTP US*HG1V74VU3 AM	CLEAR TUBING FOR ANALYZERS	72072570 5380	111.98
7/7/2023	EPIMENIO TRUJILLO	AMZN MKTP US*O232D0AP3	CAR WASH BAY TOWEL WRINGER	81000570 5330	159.74
7/7/2023	SHAUN MOSER	AMZN MKTP US*UU7J11O13	KNEELING PADS	62000570 5350	59.95
7/7/2023	MINDY KEELING	FSP*UTAH STATE BAR	UTAH STATE BAR LICENSE RENEWAL - MARK STRATFORD	51000650 5290	492.00
7/7/2023	TERESA ATKINSON	SQ *THIRST	THIRST DRINK TRUCK BALANCE RECIEPT #INVOICE #002084 \$248.86	60000650 5270	248.86
7/7/2023	JUSTIN SPAINHOWER	THE HOME DEPOT #4410	PARTS FOR OPERATIONS CUBICLE WALL	75101570 5380	34.89
7/7/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	KIMMERLE AWARDS PROGRAM 070623	11000200 2290	400.00
7/7/2023	SHAUN MOSER	THE HOME DEPOT #4410	MARKING PAINT	62000570 5350	19.96
7/10/2023	BRADLEY BOREN	THE HOME DEPOT #4410	FRIDGE FOR THE MAINTENANCE TRAINING ROOM	83000570 5350	2,233.00
7/10/2023	TROY GARRETT	THE HOME DEPOT #8566	DRIVER BITS AND TAP	81000570 5360	12.97
7/10/2023	SHAUN MOSER	SPRINKLER SUPPLY	IRRIGATION PARTS AND STEEL EDGING	62000570 5350	222.57
7/10/2023	MICHAEL LORENC	SPRINKLER SUPPLY	REPAIR COUPLING FOR IRRIGATION	62000570 5350	17.78
7/10/2023	MICHAEL LORENC	SPRINKLER SUPPLY	IRRIGATION COUPLERS	62000570 5350	1.63
7/10/2023	BRYAN SMITH	THE HOME DEPOT #4409	BOLTS AND NUTS FOR PRESED SCREENS	72000590 5310	5.76
7/10/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	GOOD AWARDS PROGRAM 070623	11000200 2290	200.00

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

For the Period 7/1/2023 Through 7/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/10/2023	JACKIE BUHLER	UPS*BILLING CENTER	PAYMENT FOR INVOICE #0000A3278X263	51000650 5250	150.47
7/10/2023	SHAUN MOSER	AMAZON.COM*551TB0QQ3	BULK SUNSCREEN AND METAL RINGS	62000570 5350	106.91
7/10/2023	DAVID HYDE	AMZN MKTP US*2R3B21Z43	FILE CABINET REPLACEMENT KEYS	81000570 5360	13.00
7/10/2023	DAVID HYDE	AMZN MKTP US*BO16Z5XF3	FILE CABINET KEYS	81000570 5360	11.56
7/10/2023	SHAUN MOSER	AMZN MKTP US*O30QD9RU3	SAFETY GLOVES AND GLASSES	62000570 5170	212.03
7/10/2023	SHAUN MOSER	AMZN MKTP US*QP9T34LS3	QUICK COUPLER EXTENDERS	62000570 5350	86.48
7/10/2023	JEFFREY BETTON	WWW.SAFETYVIDEOS.COM	SCISSOR LIFT SAFETY VIDEO TO BE USED IN-HOUSE FOR TRAINING	51000650 5260	241.00
7/11/2023	TERESA ATKINSON	MICROSOFT G025580147	AZURE JUNE 2023 G025580147 \$1,514.46	90000650 5230	1,514.46
7/11/2023	TERESA ATKINSON	SMARTY LLC	SMARTY-2023-RECEIPT \$240	90000650 5230	460.00
7/11/2023	LAINA MCGINTY	SMITHS MRKTPL #4495	BOARD MEETING REFRESHMENTS	51000660 5220	97.19
7/12/2023	SHAUN MOSER	AMERICAN STONE - SALT LAK	BOULDERS FOR ROCK GARDEN	62000570 5350	1,471.96
7/12/2023	TERESA ATKINSON	AMZN MKTP US*VD1FX0V23	AMAZON ORDER #111-0061904-1181074 - SD CARD - CYNTHIA \$69.99	60000650 5270	69.99
7/12/2023	EPIMENIO TRUJILLO	BATEMAN XPRESS WASH	# 731 BATEMANS CAR WASH	81000570 5330	10.00
7/12/2023	DAVID HYDE	NEWARK CORPORATION	CONTACTS FOR CRAIN REMOTES	81000570 5330	25.44
7/12/2023	JORDAN TOMSIC	THE HOME DEPOT #4413	PULL STRING FOR THE POLE THE AMI RADIO	91000570 5310	19.97
7/12/2023	JORDAN TOMSIC	PLATT ELECTRIC 064	GROUND BOX FOR THE BROKEN ONE IN THE ADMIN PARKING LOT	91000570 5310	129.41
7/12/2023	ALLEN CURTIS	ACE HDW AT HIDDEN VALLEY	FITTINGS FOR PORTABLE AC UNIT	81072570 5380	17.86
7/12/2023	ALLEN CURTIS	ACE HDW AT HIDDEN VALLEY	FITTINGS FOR THE PORTABLE AIR COMPRESSOR	81072570 5380	9.63
7/12/2023	MICHAEL BROWN	ACE HDW AT HIDDEN VALLEY	PARTS TO FIX THE DRINKING FOUNTAIN AT SERWTP	83072570 5350	17.35
7/12/2023	MINDY KEELING	INTERMOUNTAIN SECTION AWW	ANNUAL CONFERENCE REGISTRATION - TUCKER, ROBERTSON, JEFFS, REISER	80000570 5290	1,700.00
7/13/2023	ALLEN CURTIS	THE HOME DEPOT 4410	RENTAL DEPOSIT FOR DRAIN SNAKE	81000570 5380	100.00
7/13/2023	ALLEN CURTIS	THE HOME DEPOT #4410	REFUND ON DRAIN SNAKE RENTAL	81000570 5380	-22.30
7/13/2023	ALLEN CURTIS	ACE HDW AT HIDDEN VALLEY	FITTINGS FOR BUBBLER SEPERATOR	81072570 5380	12.39
7/13/2023	MICHAEL BROWN	THE HOME DEPOT #4409	PARTS TO FIX THE DRINKING FOUNTAIN AT SERWTP	83072570 5350	22.61
7/13/2023	TROY GARRETT	ALLRED'S INC	CONTACTS FOR ALLENS OFFICE HVAC	81000570 5380	10.86
7/13/2023	KYLE CHAPMAN	AMZN MKTP US*BG7SN4BK3	OFFICE CHAIRS FOR INSTRUMENTATION GROUP	91000570 5310	1,453.62
7/13/2023	BRADLEY BOREN	BEEHIVE PLUMBING	WATER JET TO CLEAN A CLOGGED LINE AT THE CONSERVATION OUTDOOR RESTROOMS.	83000570 5350	1,500.00
7/13/2023	ALISHA KIMMERLE	STAPLES	OFFICE SUPPLIES	71000590 5220	29.24



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

For the Period 7/1/2023 Through 7/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/14/2023	LAINA MCGINTY	AMZN MKTP US*OE2JP2KL3	OFFICE SUPPLIES-DUST OFF GAS	51000650 5220	36.58
7/14/2023	SHAUN MOSER	AMZN MKTP US*XR3X14F53	LENS CAPS	62000570 5350	7.69
7/14/2023	LAINA MCGINTY	CAFE ZUPAS - QUARRYBEND	BOARD MEETING REFRESHMENTS	51000660 5220	258.10
7/14/2023	MICHAEL LORENC	SPRINKLER SUPPLY	2 INCH REPLACEMENT VALVES	62000570 5350	253.62
7/14/2023	ALLEN CURTIS	ACE HDW AT HIDDEN VALLEY	FITTINGS FOR BUBBLER SYSTEM	81072570 5380	16.03
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_JEANETTEPERRY	60000650 5290	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_ERIKWERMEL	62000570 5290	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_VALERIEMILLETTE	62000570 5170	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_MADELINESUELTZ	62000570 5290	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_AMANDA STRACK	51000650 5170	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_COURTNEY BROWN	62000570 5290	101.70
7/14/2023	ALICIA SEKILLER	SO PT HOTEL AND CASINO	AWWA WATERSMART_HOTEL RESERVATION_MATT OLSEN	51000650 5290	101.70
7/14/2023	MICHAEL BROWN	THE HOME DEPOT #4410	RETURN OF TOILET REPAIR KIT FOR THE EDUCATION BUILDING BECAUSE OF WRONG SIZE	83000570 5350	-27.98
7/14/2023	MICHAEL BROWN	THE HOME DEPOT #4410	TOILET VALVE REPAIR KIT FOR THE EDUCATON BUILDING TOILET	83000570 5350	21.97
7/14/2023	MICHAEL BROWN	THE HOME DEPOT #4410	CABLE LOCK AND TOILET VALVE TO FIX THE EDUCATION BUILDING TOILET	83000570 5350	78.54
7/14/2023	TROY TUCKER	THE HOME DEPOT #4410	MISC TOOLS - SHAY GREEN	82000570 5310	190.15
7/14/2023	ALICIA SEKILLER	INTERMOUNTAIN SECTION AWW	AWWA ANNUAL CONFERENCE_EMMA PRATT_ REGISTRATION FOR CONFERENCE	60000650 5290	525.00
7/14/2023	JORDAN TOMSIC	THE HOME DEPOT 4410	VACUUMS FOR THE TRUCKS	91000570 5310	298.00
7/14/2023	JARED BRACE	THE HOME DEPOT 4410	MATERIAL NEEDED FOR SNOW MOUNTAIN 16" BREAK	82000570 5380	219.02
7/17/2023	JUSTIN SPAINHOWER	THE HOME DEPOT #4410	MISC. PARTS FOR OPERATIONS AREA WALL	75000570 5380	24.27
7/17/2023	KYLE CHAPMAN	AMZN MKTP US*5N2WH0413	BATTERIES FOR DEWALT TOOLS IN INSTRUMENTATION	91000570 5310	117.00
7/17/2023	SHAUN MOSER	AMZN MKTP US*AC6UY5QJ3	UTENSILS FOR BREAKROOM	62000570 5350	34.98
7/17/2023	BRADLEY BOREN	AMZN MKTP US*OS1TX1TH3	"PLEASE DO NOT FLUSH" SIGNS FOR GARDEN RESTROOMS	83000570 5350	37.80
7/17/2023	JEFFREY BETTON	HERRIMAN CITY	POLICE REPORT - JUNE 12 - A CITIZEN CRASHED INTO OUR AIR VAC, POWER PEDESTAL... AT 4800 W 126000 S	51000000 6210	10.00
7/18/2023	BRYAN SMITH	AMZN MKTP US*2401T3Z23	1 GALLON ZIPLOC BAGS FOR LAB USE	72000590 5720	39.26

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

*For the Period 7/1/2023 Through 7/31/2023*

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/18/2023	BEVERLY PARRY	INTERMOUNTAIN SECTION AWW	AWWA INTERMOUNTAIN SECTION CONFERENCE REGISTRATION - B. MCCLEARY, R. GIBBY, S. OHRN	51000650 5290	425.00
7/18/2023	LAINA MCGINTY	MUSE EVENTS MANAGEMENT	UTAH SHRM WORK ELEVATED CONFERENCE 2023	51000650 5290	499.00
7/18/2023	JORDAN TOMSIC	PLATT ELECTRIC 064	REPLACEMENT ELECTRICAL GROUND BOX FOR SOUTH EAST	91072570 5310	872.60
7/18/2023	SHAUN MOSER	SPRINKLER SUPPLY	SPRINKLER NOZZLES	62000570 5350	16.00
7/18/2023	BEVERLY PARRY	INTERMOUNTAIN SECTION AWW	AWWA INTERMOUNTAIN SECTION CONFERENCE REGISTRATION - B. MCCLEARY, R. GIBBY, S. OHRN	51000660 5290	850.00
7/19/2023	TERESA ATKINSON	UTAHA SAINT ORGANIZATION	JOSH- 2023 SAINTCON REGISTRATION	90000650 5290	390.00
7/19/2023	TERESA ATKINSON	UTAHA SAINT ORGANIZATION	MARSHALL - 2023 SAINTCON REGISTRATION	90000650 5290	390.00
7/19/2023	NATHAN TALBOT	THE HOME DEPOT #4410	CABLE MANAGEMENT SUPPLIES FOR OFFICE.	75000570 5380	36.81
7/19/2023	TERESA ATKINSON	AMAZON.COM*5K0SC8I83	AMAZON ORDER # 111-8972502-9297839 DAVID GREGORY - LAPTOP BAGS x3 \$66.00	90000650 5230	66.00
7/19/2023	SHAUN MOSER	AMZN MKTP US*7B94L7U73	PLASTIC PLANT TAGS	62000570 5350	27.98
7/19/2023	TERESA ATKINSON	AMZN MKTP US*JS4L76EW3	AMAZON ORDER # 111-7214557-0654664 DAVID GREGORY - FLASH DRIVES \$84.48	90000650 5230	84.48
7/19/2023	ALISHA KIMMERLE	DESIGNHILL.COM	PRWC LOGO DESIGN OUTSOURCE	77000590 5770	429.00
7/19/2023	SHAUN MOSER	DIAMOND RENTAL - SOUTH	TORO DINGO RENTAL	62000570 5350	492.00
7/19/2023	TERESA ATKINSON	FIGMA MONTHLY RENEWAL	FIGMA SOFTWARE JUL 18 2023 TO AUG18 2023 \$42.91	60000650 5270	42.91
7/20/2023	BEVERLY PARRY	PREMIER CLEANERS	TABLECLOTHES LAUNDERED	51000650 5170	112.00
7/20/2023	JORDAN TOMSIC	(PC) 6695 ROYAL	CONTACTORS FOR 118TH AND 3200 VFD	91000570 5310	187.72
7/20/2023	DAVID HYDE	AMAZON.COM*QF3SM0FD3 AMZN	PEA TRANSFER PUMP JVWTP	81071570 5380	507.00
7/20/2023	BRADLEY BOREN	AMAZON.COM*YF2XP0CB3 AMZN	WASTE BASKET SWING TOP LIDS FOR THE GARDEN RESTROOM GARBAGE CANS	83000570 5350	81.96
7/20/2023	BRADLEY BOREN	AMZN MKTP US*DB0T645F3	DO NOT FLUSH SIGNS FOR GARDEN RESTROOMS	83000570 5350	49.98
7/20/2023	EPIMENIO TRUJILLO	AMZN MKTP US*DJA88X93	2' SUCTION PUMP FOR REPLACEMENT PUMP	81000570 5330	600.00
7/20/2023	TERESA ATKINSON	AMZN MKTP US*EI80667D3	AMAZON ORDER # 111-7798821-2506654 DAVID GREGORY - LAPTOP BACKPACKS x3 \$71.49	90000650 5230	71.49
7/20/2023	EPIMENIO TRUJILLO	AMZN MKTP US*UZ2CX7X63	LAB TOP STAND FOR LOCATORS TRUCK	81000570 5330	285.99
7/20/2023	ALISHA KIMMERLE	STAPLES 00365775	REFUND FOR CALENDAR	71000590 5220	-14.48
7/20/2023	NATHAN TALBOT	THE HOME DEPOT #4410	SCREWS FOR TABLE AND WIRE MANAGEMENT SUPPLIES	75000570 5380	23.60
7/20/2023	RODNEY SIMS II	THE HOME DEPOT #4421	WATER SUPPLY LINE SUPPLIES	91000570 5310	114.62

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

For the Period 7/1/2023 Through 7/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/21/2023	MICHAEL BROWN	ACE HDW AT HIDDEN VALLEY	PARTS TO FIX DRINKING FOUNTAIN AT SERWTP	83072570 5350	28.95
7/21/2023	ALEX MITCHELL	THE HOME DEPOT 4410	MISC TOOLS AND SUPPLIES	73000590 5310	458.49
7/21/2023	TROY GARRETT	THE HOME DEPOT 4410		81000570 5360	93.62
7/21/2023	TROY GARRETT	THE HOME DEPOT #4410		81000570 5360	30.35
7/21/2023	DANIEL CLAYPOOL	THE HOME DEPOT #4410	COPPER FITTINGS FOR REPAIRING WATER LINE IN ED CENTER	81000570 5380	30.60
7/21/2023	EPIMENIO TRUJILLO	AMZN MKTP US*LP20045X3	AIR FRESHENERS FOR FLEET VEHICLES	81000570 5330	51.74
7/21/2023	TERESA ATKINSON	AMZN MKTP US*UM6GD2CS3	AMAZON ORDER # ORDER # 111-7465946-5179416 JOSH MCDUGAL - HDMI \$55.00	90000650 5230	55.00
7/21/2023	EPIMENIO TRUJILLO	SP RAM MOUNTS	LAB TOP MOUNT FOR OPERATORS TRUCK	81000570 5330	356.03
7/21/2023	CLINT THURGOOD	WEST VALLEY CITY		82000570 5310	150.00
7/21/2023	JORDAN TOMSIC	INTERMOUNTAIN FUSE SUPPL	CONTROL FUSES FOR THE VFD AT 118TH AND 3200	91000570 5310	128.15
7/24/2023	BRADLEY BOREN	AMZN MKTP US*3Q9911XS3	AIR CLEANER COVER FOR FEAF VACUUM	83000570 5350	44.85
7/24/2023	BRADLEY BOREN	AMZN MKTP US*CA6GI4NT3	FLOOR MATS FOR ADMINISRRTATION BUILDING KITCHEN	83000570 5350	413.90
7/24/2023	ALISHA KIMMERLE	AMZN MKTP US*VQ4CQ70E3	SHOP VAC FOR WATER QUALITY	77000590 5750	81.98
7/24/2023	TROY GARRETT	THE HOME DEPOT #4410		81000570 5360	52.62
7/24/2023	ALISHA KIMMERLE	INTERMOUNTAIN SECTION AWW	REGISTRATION FOR AWWA 2023 ANNUAL CONFERENCE 6 EMPLOYEES	75000590 5290	850.00
7/24/2023	ALISHA KIMMERLE	INTERMOUNTAIN SECTION AWW	REGISTRATION FOR AWWA 2023 ANNUAL CONFERENCE 6 EMPLOYEES	73000590 5290	425.00
7/24/2023	ALISHA KIMMERLE	INTERMOUNTAIN SECTION AWW	REGISTRATION FOR AWWA 2023 ANNUAL CONFERENCE 6 EMPLOYEES	72000590 5290	425.00
7/24/2023	ALISHA KIMMERLE	INTERMOUNTAIN SECTION AWW	REGISTRATION FOR AWWA 2023 ANNUAL CONFERENCE 6 EMPLOYEES	71000590 5290	850.00
7/25/2023	NATHAN TALBOT	AMZN MKTP US*T60FR7BO2	NITRILLE GLOVES FOR CHLORINATORS	75000590 5260	58.95
7/26/2023	NATHAN TALBOT	AMAZON.COM*W319C0R13 AMZN	NUT DRIVER SET FOR IMPACT DRILL.	75000590 5310	39.98
7/26/2023	NATHAN TALBOT	AMZN MKTP US*T63MO6S02	REPLACEMENT WATER FILTERS FOR CHLORINATORS	75000570 5380	175.92
7/26/2023	NATHAN TALBOT	AMZN MKTP US*T641W6BF2	GROMMETS FOR DESK.	75000570 5380	6.04
7/26/2023	EPIMENIO TRUJILLO	WAL-MART #3232	DRINKS FOR MAINT. & OPERATIONS DEPT. MEETING LUNCHEON	70000590 5170	50.46
7/26/2023	EPIMENIO TRUJILLO	WAL-MART #3232	DRINKS FOR MAINT. & OPERATIONS DEPT. MEETING LUNCHEON	80000570 5170	50.46
7/26/2023	BRADLEY BOREN	LIFETIME PROD DRAPER	NEW TABLES AND CART FOR MAINTENANCE TRAINING ROOM.	83000570 5350	2,591.71
7/27/2023	JORDAN TOMSIC	GRAINGER	THERMOSTATS FOR DW4 AND DW5 VENT FANS	91000570 5310	128.04
7/27/2023	MICHAEL LORENC	SPRINKLER SUPPLY	HOSE END NOZZLES	62000570 5350	70.69

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## PURCHASE CARD TRANSACTIONS

For the Period 7/1/2023 Through 7/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
7/27/2023	MICHAEL BROWN	THE HOME DEPOT #4409	PARTS TO PAINT THE MAINTENANCE BUILDING OPERATIONS OFFICE	83000570 5350	20.76
7/27/2023	JORDAN TOMSIC	COMMERCIAL LIGHTING SUPPL	LIGHTS FOR THE EDUCATION CENTER ENTRANCE AND BATTERY BACKUP	91000570 5310	1,016.97
7/27/2023	SHANE SWENSEN	BIZWEAR CONSULTING	ENGINEERING DEPT UNIFORMS	52000650 5170	488.50
7/28/2023	TERESA ATKINSON	DRI*CISCO	JOSH - 2023-2024 MODELING LAB SOFTWARE \$199.00	90000650 5230	199.00
7/28/2023	JACKIE BUHLER	STERICYCLE INC/SHRED-IT	PAYING INVOICE #8004375365	51000650 5220	161.24
7/28/2023	EPIMENIO TRUJILLO	AMAZON.COM*T61NU7YX2 AMZN	FORKLIFT COVER	51000000 6210	142.29
7/28/2023	JOSHUA SHREWSBURY	THE UPS STORE 4354	ANALYZER CALIBRATION SHIPPING	72000590 5720	160.13
7/28/2023	MICHAEL BROWN	THE HOME DEPOT #4409	PULL HANDLE FOR THE RESERVABLE OFICE IN THE ADMINISTRATION BUILDING	83000570 5350	7.68
7/28/2023	MICHAEL LORENC	THE HOME DEPOT #4410	WASP SPRAY AND PVC SAWS	62000570 5350	59.80
7/28/2023	TERESA ATKINSON	UTAH AGRC-DTS-GPS	MARCELO DEL RIO-VRS SUBSCRIPTION 1 YEAR \$600	90000650 5230	600.00
7/31/2023	TROY GARRETT	THE HOME DEPOT #4410	SCREWS AND LOCK WASHERS FOR DOOR AT RO PLANT	81073570 5380	6.78
7/31/2023	NICK MCDONALD	THE HOME DEPOT #8566		71071570 5360	41.16
7/31/2023	CORY COLLINS	COSTCO WHSE #1019	SUPPLIES FOR WARMING KITCHEN	62000570 5350	104.60
7/31/2023	MICHAEL LORENC	SPRINKLER SUPPLY	3 INCH VALVE TOP REPLACEMENT	62000570 5350	345.55
7/31/2023	ALISHA KIMMERLE	AMZN MKTP US*T69C96R01	COOLERS FOR WATER QUALITY	77000590 5750	82.40
7/31/2023	ALISHA KIMMERLE	AMZN MKTP US*TH0D39OJ0	COOLERS FOR WATER QUALITY	77000590 5750	85.82
7/31/2023	CORY COLLINS	SMITHS MRKTPL #4495	BLOCK ICE	62000570 5350	7.96
7/31/2023	EPIMENIO TRUJILLO	AMZN MKTP US*TH3UL2LX2	LAP TOP STAND FOR OPERATIONS	81000570 5330	285.99
7/31/2023	MICHAEL LORENC	STEVE REGAN COMPANY	AQUANEAT, GLYPHOSATE FOR THE PHRAGMITES	62000570 5350	154.84
7/31/2023	DAVID HYDE	TEKTON HAND TOOLS	NEW SOCKET SETS FOR DANNYS SERVICE TRUCK	81000570 5310	475.00
7/31/2023	YVETTE AMPARO	DREAMSTIME.COM	STOCK PHOTOS FOR TRAINING	51005650 5290	25.00
7/31/2023	KYLE CHAPMAN	THE LIGHT BRIGADE INC.		91000570 5310	4,411.89
7/31/2023	LISA KASTELER	DOMINO'S 7517	PIZZA FOR MAINTENANCE & OPERATIONS DEPT MEETING LUNCHEON	80000570 5170	288.53
7/31/2023	LISA KASTELER	DOMINO'S 7517	PIZZA FOR MAINTENANCE & OPERATIONS DEPT MEETING LUNCHEON	70000590 5170	288.53
7/31/2023	TROY GARRETT	METALMART CO	STEEL TO REBUILD PRESSURE WASHER	81000570 5380	30.58

**TOTAL # OF TRANSACTIONS: 159**

**REPORT TOTAL: \$43,805.02**

# **CONSERVATION UPDATE**

## ■ Landscape Conversion Incentive Program

# GRANT APPLICATION



In 2022, the Utah Legislature approved a one time appropriation of \$5M to the Division of Water Resources to incentivize the removal of lawn (turf) and the installation of water-efficient landscaping. In 2023, the Utah Legislature approved an additional one time appropriation of \$5M as well as an ongoing appropriation of \$3M. S.B. 118 authorizes water conservancy districts to receive grant funding from the DWRe to provide incentives to participating owners that meet the eligibility requirements outlined below.

To begin the application process for state funds, please review and complete this grant application and upload the supporting documents. Once approved, districts will be asked to complete a Landscape Conversion Incentive Program Contract.

## DISTRICT ELIGIBILITY

A district may obtain a grant from the division to incentivize the replacement of lawn (turf) with water-efficient landscaping if the district has a landscape conversion incentive program in place that meets the following requirements:

### 1. PROGRAM FUNDS

- DWRe Landscape Conversion Incentive grant funds may be used for up to \$1.50 per square foot of lawn removed and replaced with water-efficient landscaping or \$50,000 in aggregate.
- Districts must provide an equal amount or more of matching funds for its landscaping conversion incentive program as it receives in DWRe Landscape Conversion Incentive grant funds.
- District's match must originate from sources other than DWRe Landscape Conversion Incentive grant funds.
- Grant funding may only be used to fund lawn conversion financial incentives.
- Grant money may be used for qualifying turf replacement incentive payments made after October 24, 2022.

### 2. PROGRAM GUIDELINES

Please review the program guidelines outlined in [Utah Code § 73-10-37](#), [Utah Admin. Code R653-11-8](#). A district may submit the program guidelines they wish to use in lieu of division rules for approval. Minimum statutory requirements are included on page 2.

### 3. APPLICATION

Complete the Landscape Conversion Incentive Program Grant Application and attach supporting documents.

### 4. CONTRACT

After the application has been approved, districts will be sent a Landscape Conversion Incentive Program Contract. Funds will be distributed once contract has been executed.

### 5. REPORTING

- At least quarterly, districts must submit a spending report, detailing the incentives paid. Report must be submitted before additional grant funds can be requested.

# PROGRAM GUIDELINES



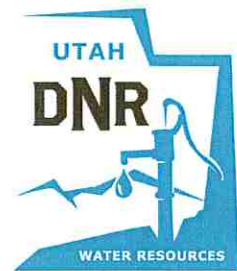
## STATE PROGRAM GUIDELINE REQUIREMENTS

Please review the program guidelines outlined in [Utah Code § 73-10-37](#), [Utah Admin. Code R653-11-8](#). If a district chooses to be subject to program guidelines in lieu of the rules outlined, guidelines must be approved by the division before implementation. Note, the rules below **MUST** be included in district guidelines for properties receiving grant funding.

1. Project area where state grant funds are used must be located within a municipality or an unincorporated area of a county that has implemented the minimum water efficient landscape standards established by the division.
2. Project areas must have living lawn, as determined by the entity providing the incentive, on land owned by the owner that the owner intends to replace with water-efficient landscaping.
  - a. Owner means an owner of private or public land.
  - b. "Lawn or turf" means nonagricultural land planted in closely mowed, managed grasses.
3. Project area where state grant funds are used may not be part of or located on a golf course, park, athletic field, or sod farm.
4. Project area must be on property owned by a person served by a retail water provider for residential, commercial, industrial, or institutional use. Properties not served by a retail water provider (private well) are not eligible for state grant funds.
5. Applicant must have legal authority to authorize lawn removal and replacement.
6. Lawn conversion project will not violate any applicable law, regulation, ordinance, zoning requirement, contractual obligation, or other legal limitation.
  - a. Neither the lawn removal incentive program, its requirements, nor the award of an incentive supersede applicable laws, regulations, ordinances, or contract terms to the contrary.
7. Districts must impose minimum or maximum vegetative coverage standards.
  - a. Standards will not violate any applicable law, regulation, ordinance, zoning requirement, contractual obligation, or other legal limitation.
8. The owner must agree to maintain the water-efficient landscaping and drip irrigation system and not return it to lawn or overhead spray irrigation after receiving payment for converting the project area to water-efficient landscaping; or 2) return to the division or to a district the payments received for removal of lawn from the project area.
9. Applicant may only receive one incentive per project area.
10. Participant's acknowledgment that incentive payments received may be subject to state and federal taxation.
11. Participation is voluntary.
12. District must verify that projects proposed, undertaken, and completed satisfy the requirements in statute and applicable rule.

# ■ Landscape Conversion Incentive Program

# GRANT APPLICATION



Please complete the Landscape Conversion Incentive Program Grant Application and submit the supporting documents. Once approved, districts will be asked to complete a Landscape Conversion Incentive Program Contract.

Select Water District

Jordan Valley WCD

Date

08/29/2023

Preferred Contact's Name

Matthew Olsen

Preferred Contact's Email

matto@jvwcd.org

## UPLOAD SUPPORTING DOCUMENTS

### 1. INVOICE



*Invoice amount: \$250,000 (Attn: Shelby Ericksen)*

*DWRe Landscape Conversion Incentive grant funds are distributed in \$250,000 increments. Once 70% of funding has been spent (\$175,000) and district reporting, detailing the incentives paid, has been approved, eligible districts may request additional funds.*

### 2. DISTRICT PROGRAM GUIDELINES



*District program guidelines must meet the minimum program requirements outlined by the division (Pg. 2).*

### 3. SAMPLE PARTICIPANT AGREEMENT



### 4. LIST OF ELIGIBLE CITIES



*Upload a list of current eligible cities that have implemented the minimum water efficient landscape standards established by the division - (4)(c)(ii). Please update [shelbyericksen@utah.gov](mailto:shelbyericksen@utah.gov) when additional cities become eligible.*

## INCENTIVE PROGRAM QUESTIONS

1. What amount(s) is the district (not including state funds) incentivizing eligible participants per square foot of turf removed? If incentives vary by program, or project size, please include all funding levels.

Standard Project (Residential and CII): up to \$2.00 / sq. ft. LocalScapes Project (full front yard or backyard): up to \$3.00 / sq. ft.

2. Can your incentive program be combined with other programs (i.e. LocalScapes)?

Yes  No



# Turf Conversion Incentive Program Guidelines

Jordan Valley Water Conservancy District (JVWCD)

## Pre-conversion Process

- A turf conversion project must meet the following requirements:
  - It is authorized by an applicant with legal authority to grant an interest in the real property where the conversion project is proposed.
  - It is implemented voluntarily and not to comply with government regulations as a condition of a permit or other approval.
  - It is within JVWCD's service area.
  - It results in a net reduction of at least 200 square feet of living, maintained lawn or turf.
  - It will not create or leave in place an area of lawn or turf immediately adjacent to the project area that is less than eight feet wide.
  - Applicant shall acknowledge that incentive payments may be subject to state and federal taxation.
  - The project area may not have received a previous turf conversion incentive payment.
- Participant uses [UtahWaterSavers.com](http://UtahWaterSavers.com) to apply online, verify eligibility, define the project area, check deadlines, and ensure funds are available.
- JVWCD conducts a mandatory pre-conversion site inspection.
- Participant signs a Participation Agreement with terms and conditions before beginning project.
- Participant agrees in the Participation Agreement not to return any portion of the Project Area to lawn or turf or utilize overhead spray irrigation in the Project Area after the conversion.
- Residential participants attend a free class that outlines the steps and practices for a successful project. Commercial, industrial, and institutional participants are not required to attend a class.

## Requirements for the Project Area

- Applicant is solely responsible to ensure that the project complies with applicable local landscape ordinances or covenants.
- Project must be completed within 12 months of a fully executed participation agreement or, if the 12 month period ends between November 1<sup>st</sup> and April 30<sup>th</sup>, on the succeeding April 30<sup>th</sup> after the 12 month period ends.
- Except for Localscapes, project area must be converted to planting bed, hardscape or other areas that receive no overhead spray irrigation.
- Project area may include impervious surface so long as the total of all hardscape and impervious surfaces comply with these standards.
- Planting Bed Requirements:
  - Must have at least 50% living plant cover at maturity at the ground plane (tree canopies do not count as plant cover).
  - Must be watered with a drip irrigation system equipped with a pressure regulator, filter, and emitters.

- Must be covered by at least 3 inches of mulch permeable to air and water. Living groundcovers can qualify as mulch when the planting density assures 100% living plant cover.
- If the existing total landscaped area has been developed with hardscape or impervious surface that exceeds the percentages allowed by these guidelines, the entire project area shall be converted to planting bed.
- Hardscape /Impervious Surface Limitations:
  - For residential front yards, hardscape and impervious surface may be included in a project area but must not exceed 50% of the total landscaped area.
  - For residential backyards, hardscape and impervious surfaces may be included in the project area but must not exceed 75% of the total landscaped area.
  - For commercial, industrial, institutional, and multi-family projects, there are no hardscape or impervious surface limitations outside of the park strip requirements. However, a project that proposes the use of hardscape or impervious surfaces must receive written approval of the proposed project from the relevant land use authority before the project may proceed.
  - Hardscape should be installed in a manner that allows infiltration of all stormwater into the ground immediately adjacent to or beneath the hardscape surface.
- Park Strip Requirements:
  - Hardscape may not exceed 50% of the total park strip area. All other park strip landscaping must be planting bed and meet the planting bed requirements.
  - Hardscape should be permeable or allow for water to infiltrate into the ground and should not cause stormwater to drain to the street.
  - Plants must not exceed 24 inches in height at maturity.

## Additional Requirements for Locascapes Projects

- A residential project that complies with Locascapes standards is eligible for a greater incentive per square foot than standard turf removal projects, but the incentive payment is still based on the amount of turf removed.
- A Locascapes project area requires the entire front yard, the entire back yard, or both be converted at one time following standards described at [localscapes.com](http://localscapes.com).
- Those portions of the side yard that reasonably connect to either the front yard or backyard (e.g., based on where a fence is located or where there is some other built or natural transition point) must be included with the project for that yard area.
- Side yards without a reasonable connection to a front yard or backyard may be included in either a front yard or back yard project, but must be included in one of those projects in order to receive a Locascapes incentive for both the front and back yards.

## Projects Potentially Ineligible for Incentives

- The incentive will be reduced or denied if the project is located in an area where a municipality or county has not adopted an ordinance complying with JWCDC's water efficiency standards.
- No incentive will be paid for a residential project that includes hardscape or impervious surfaces:

- That violates hardscape or impervious surface standards.
- That will be used for vehicular access or parking unless written approval is provided from the applicable land use authority prior to JWCD's approval of the project.
- No incentive will be paid for lawn or turf removed from, an area that is:
  - Replaced with a water feature.
  - Immediately adjacent to lawn or turf that is less than eight feet wide due to the project or that was already less than eight feet wide before the lawn or turf was removed.
  - Part of a golf course unless special approval is given by JWCD.
  - Replaced with anything other than planting bed in a commercial, industrial, institutional, or multi-family development unless written approval of the proposed project from the relevant land use authority is provided prior to JWCD's approval of the project.

## Post-conversion Process

- JWCD conducts a mandatory post-conversion site inspection to measure and verify the qualifying turf removed from the project area.
- Upon successful completion, an incentive will be paid based on the actual qualifying turf removed from the project area.
- An individual property may not receive incentive payments under this program that exceed \$50,000 in the aggregate.
- JWCD prepares a final report that defines the actual project area, total square footage, and incentive to be submitted to the participant, Utah Water Savers and, if applicable, recorded with County Recorder.

## Definitions

- Backyard: The area to the rear of the back plane of the home.
- Drip Irrigation System: Method of watering plants that involves slowly dripping water directly onto the soil using a network of tubing and emitters.
- Front Yard: The area between the sidewalk and the front plane of the home or, if there is no sidewalk, between the back of curb or edge of pavement and the front plane of the home.
- Hardscape: Durable landscape materials, such as concrete, wood, pavers, stone, compacted inorganic mulch, or artificial turf.
- Impervious Surface: A surface that allows little or no stormwater infiltration into the ground, such as concrete, asphalt or a structure.
- Lawn or Turf: Ground that is covered with grass or natural turf that is regularly mowed.
- Localscapes®: A landscaping approach designed to create locally adapted and sustainable landscapes through a basic 5-step approach (central open shape, gathering areas, activity zones, connecting paths, and planting beds).
- Mulch: Any material such as rock, bark, compost, wood chips or other materials left loose and applied to the top of the soil.
- Overhead Spray Irrigation: Above ground irrigation heads that spray water through a nozzle.
- Park Strip: The area located between the back-of-curb and sidewalk.
- Planting Bed: Areas of the landscape that are free of lawn or turf and consist of plants, such as trees, ornamental grasses, shrubs, perennials, and other regionally appropriate plants.

- Project Area: The area from which lawn or turf is removed and replaced with water efficient landscaping or other material that meets the program requirements.
- Side Yard: The area, not including the front yard or backyard, at right angles to the sides of the home.
- Water Feature: Permanently installed areas of the landscape that are not irrigated but use water (such as swimming pools, ponds, fountains, or other water containing fixtures).
- Total Landscaped Area: Improved areas of the property that incorporate all of the completed features of the landscape. Total landscaped area does not include footprints of buildings or structures, sidewalks, parking areas and driveways completed for and intended to be used as part of the primary property use, and other non-irrigated areas intentionally left undeveloped.

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

July 10, 2023

(Unapproved and subject to change)

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 July 10, 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:**

Sherrie Ohrn, Chair  
Reed Gibby  
Zach Jacob  
Karen Lang (arrived at 3:03)  
Corey L. Rushton  
Mick Sudbury  
John H. Taylor  
Barbara Townsend  
Dawn Ramsey (electronic)

**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 Callister, Maintenance Department Manager (electronic)  
Beverly Parry, Executive Assistant  
Alicia Sekiller, Administrative Assistant  
Courtney Brown, Conservation Division Manager  
Kelly Good, Communications Division Manager  
Clifton Smith, Senior Business Data Analyst (electronic)  
Shaun Moser, Conservation Garden Park Manager  
Eric Wermel, Conservation Coordinator (electronic)  
Cynthia Bee, Public Information Officer  
Amanda Strack, Conservation Supervisor  
Kurt Ashworth, Human Resources Manager  
Madeline Sueltz, Conservation Coordinator (electronic)  
Margaret Dea, Senior Accountant (electronic)  
Valerie Millette, Conservation Coordinator

The meeting was brought to order at 3:00 p.m. by Ms. Sherrie Ohrn.

**Approval of the minutes of the Conservation Committee meeting held June 5, 2023**

Ms. Sherrie Ohrn called for a motion to approve the minutes of the June 5, 2023, Conservation Committee meeting. Mr. Sudbury moved to approve the minutes. Ms. Townsend seconded the motion. The minutes were approved as follows:

Ms. Barbara Townsend – aye  
Ms. Dawn Ramsey – aye  
Mr. Reed Gibby – aye  
Mr. Corey Rushton – aye  
Ms. Karen Lang – not present

Ms. Sherrie Ohrn – aye  
Mr. Zach Jacob – aye  
Mr. Mick Sudbury – aye  
Mr. John Taylor – aye

**Public Comments**

No public comments.

**Discuss the Member Agency Grant Programs applications from Granger-Hunter Improvement District, the City of South Jordan, and Riverton City**

Ms. Ohrn introduced Mr. Courtney Brown to present on recently submitted Member Agency Grant Program applications. There was an application from Granger-Hunter Improvement District (GHID), two from the City of South Jordan, and another from Riverton City.

Mr. Brown provided background on the program, the funding tiers, past participation, and described the various measures that were submitted.

GHID requested funding for five projects for the current 2023/2024 fiscal year budget and are as follows:

Project 1 (Tier 2): The project is phase three of their headquarters landscape design services.

Project 2 (Tier 3): The project includes the cost of conservation calendars and welcome packets for new customers.

Project 3 (Tier 3): The project includes large meter replacements at various commercial sites and HOA's, along with customer education on how to use their web portal for real-time information.

Project 4 (Tier 3): The project includes purchasing waterwise grass seed and provide it for customers at a reduced rate.

Project 5 (Tier 3): The project includes providing conservation promotional materials such as signage, literature, swag items and water saving devices to customers and at community events.

City of South Jordan requested funding for three projects for the current 2023/2024 fiscal year budget and are as follows:

Project 1 (Tier 1): The measure is for the cost to replace older inefficient toilets with more efficient WaterSense toilets.

Project 2 (Tier 1): The measure is for the cost of an indoor water fixture rebate program in homes built prior to 2005. This program provides a rebate of up to \$100 for the purchase and installation of new Watersense Faucets and shower heads.

Project 3 (Tier 1): The measure is for the cost to rebate \$1.00 per square foot of turf removed and replaced with waterwise landscaping. City staff will verify the proper installation, document each project and provide the square footage to the District.

Mr. Brown explained that the next two grants are for member agencies that have adopted Water Efficiency Standards (WES). Funding examples include additional staffing, consulting, or professional services, supporting software / equipment, and District staff assistance for training, plan reviews and inspection services.

- The City of South Jordan for the 2023/2024 fiscal year requested the full amount of \$68,000. Their grant is for the implementation and enforcement of WES by funding a water conservation position.
- Riverton City for the 2023/2024 submitted a similar grant, for \$54,000 to help fund a water conservation position.

Mr. Rushton asked if there is a preferred approach for implementing water conservation programs with cities: 1) the member agency receives grants and runs the programs locally, or 2) JVVCD administers the programs regionally. He suggested that this could be a future discussion item.

Mr. Olsen provided some preliminary comments and agreed it would be a good topic for the future. JVVCD promoted the city centric model for many years and received feedback from many agencies that they would prefer to have the programs administered regionally. South Jordan has shown how a city can successfully adopt the city model. At this point, we are moving towards more of a hybrid model with the South Jordan where some programs are administered locally and some by JVVCD.

### **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**

Ms. Ohrn asked for a motion to adjourn the meeting. Ms. Lang moved to adjourn. Mr. Sudbury seconded the motion. The meeting was adjourned at 3:20 p.m.

Agenda Item No. 5.b.

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Sherrie L. Ohrn, Conservation Committee Chair

Date

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Matthew D. Olsen, Assistant General Manager

Date



**CONSERVATION, COMMUNICATIONS,  
AND INFORMATION SYSTEMS ACTIVITIES**

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF EXPENDITURE FOR IVORY HOMES PARTICIPATION  
IN LOCALSCAPES HOMEBUILDER REWARDS**

September 13, 2023

Account Number: Conservation Programs - 5670

Budgeted: Yes

Fund: O & M

**Expenditure Amount: \$76,571.57**

**Summary:**

Ivory Homes has entered into an agreement with JVVCD for participation in the Locascapes Homebuilder Rewards program. To be eligible for the program homebuilders must be Locascapes Partners, hold a current contractor's license, and voluntarily install landscapes that adhere to Locascapes requirements.

Ivory Homes has submitted a Certificate of Completion for sixty-eight residential landscapes in four subdivisions located in Herriman, Draper, and Midvale. Each landscape has been measured, inspected, and evaluated by JVVCD staff. Twenty-seven projects met the Locascapes requirements for either the front yard, backyard, or both. Reward amounts vary up to \$6,298, with most in the \$2,000 to \$3,000 range. The total area covered by these Locascapes is approximately 130,000 square feet which will result in an estimated water savings of 1.9 million gallons annually.

# **ENGINEERING ACTIVITIES**

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD AN ENGINEERING SERVICES  
CONTRACT FOR SOUTHWEST AQUEDUCT REACH 2**

September 13, 2023

Project: Southwest Aqueduct Reach 2  
Project Number: 4321  
Budget: \$700,000 in 2023/2024 Capital Projects Budget, and \$35,000,000 in the 10-Year Capital Projects Plan.  
Cost Sharing: N/A

Statements of Qualification were received from:

<b>Proposer</b>
AE2S
Bowen Collins & Associates
Hansen, Allen, & Luce
Hazen & Sawyer
Jacobs

**Award of Engineering Contract Recommended to: Bowen, Collins & Associates**

**Total Authorization Amount (Approval Requested): \$2,808,146**

Summary: The extension of the Southwest Aqueduct Reach 2 (SWA-2) is a proposed 66" pipeline which will run parallel to the Jordan Aqueduct Reach 2 (JA-2) from 13400 South to 11800 South. With increasing demands and the expansion of JWTP, additional conveyance capacity is needed to provide valuable redundancy to JA-2 and additional capacity to meet peak demands. Sections of the SWA-2 were constructed previously and this project will connect the existing sections to make a continuous pipeline from the Jordan Valley Water Treatment Plant (JWTP) to 11400 South. This engineering services contract will provide design and construction management services for this project.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF CONSTRUCTION CHANGE ORDER FOR  
4670 SOUTH 1590 EAST WELL REHABILITATION**

September 13, 2023

Project: 1590 East Well Development

Project Number: 4281

Budget: \$450,000 in 2023/2024 Capital Projects Budget.

Cost Sharing: N/A

**Award of Change Order Recommended to: Widdison Well Services, LLC**

<b>Total Authorization Amount (Approval Requested):</b>	<b>\$129,739</b>
Original Contract Amount:	\$289,700
Current Contract Price Adjusted by Previous Change Orders:	\$307,200
New Contract Price:	\$436,939
Cumulative Change from Original Price:	50.8%

Summary: The 4670 South 1590 East well pump was recently pulled and inspected. It was found to be in poor condition with significant corrosion and pitting on the outside of the bowls, shaft, and column pipe. It is recommended that these parts be replaced with new parts which include an epoxy coating system to increase the lifespan of the parts. This change order includes costs for a new pump, column pipe, shaft, sounder tubes, and refurbishment of the pump head.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF ENGINEERING SERVICES CONTRACT AMENDMENT  
FOR JORDAN VALLEY WATER TREATMENT PLANT  
SEDIMENTATION BASINS 1-2 SEISMIC AND CAPACITY UPGRADES**

September 13, 2023

Project: JVWTP Sedimentation Basins 1-2 Seismic and Capacity Upgrades  
Project Number: 4255  
Budget: \$2,400,000 in 2023/2024 Capital Projects Budget  
Cost Sharing: MWDSL S Share - 2/7 (\$54,079)  
Engineer: Hazen and Sawyer  
Original Contract Price: \$3,793,948

**Amendment No. 1**

**Additional Funding Requested: \$189,278**

Summary: This amendment includes design and construction management services for the construction of a new sedimentation solids pump station at Jordan Valley Water Treatment Plant (JVWTP) as part of the Sedimentation Basins 1-2 Upgrade project. The existing solids pump station was scheduled for replacement in Phase 4 of the JVWTP expansion because it is aging (installed in 1985) and difficult to maintain. In addition, the new solids capacity of the sedimentation basins will exceed the capacity of the solids pump station. There are several cost-saving benefits of integrating a new solids pump station into this project.

Current Contract Price Adjusted by Previous Amendments: \$3,793,948  
New Contract Price: \$3,983,226  
Cumulative Change from Original Price: 5.0%

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF AMENDMENT TO WATER STORAGE  
LEASE AGREEMENT WITH MIDVALE CITY**

September 13, 2023

**Summary:** In 2019, to help facilitate the transfer of JVVCD retail customers to Midvale City's (Midvale) water system, JVVCD entered into a Water Storage Lease Agreement (Agreement) with Midvale. The Agreement enabled Midvale to lease 4.8 million gallons (MG) of available water tank storage capacity from JVVCD for 10 years.

Midvale has requested the term of the Agreement be extended an additional 10 years and for an additional 0.2 MG, for a total of 5 MG to be leased. Staff has determined that JVVCD can accommodate the request without impairing service to other customers. The original Agreement and proposed amendment require Midvale to pay a proportional share of extraordinary repair capital costs for the associated JVVCD storage tanks. The Amendment will use the JVVCD extra capacity cost allocation method as the basis of the compensation to better align with Midvale's actual usage of the JVVCD storage tanks.

**Recommendation:** **Approve the attached Amendment to Water Storage Lease Agreement subject to non-substantial revision, and authorize the General Manager to execute the Agreement.**

## AMENDMENT TO WATER STORAGE LEASE AGREEMENT

THIS AMENDMENT TO WATER STORAGE LEASE AGREEMENT (“Amended Agreement”) is made this \_\_\_\_\_ day of \_\_\_\_\_, 2023 (“Effective Date”), between Midvale City, a municipal corporation organized and existing under Utah law (“City”), and the Jordan Valley Water Conservancy District, a Utah special district (“District”).

### RECITALS:

- A. The District is a water conservancy district organized and existing under Utah law, for the purposes, among others, of conserving, acquiring, appropriating, developing, storing, selling, leasing, distributing, and stabilizing supplies of water for domestic, manufacturing, and other beneficial uses;
- B. The City is a municipality organized under the laws of the State of Utah, which provides retail water service to residents within its boundaries and to other customers;
- C. The City purchases wholesale water from the District;
- D. The City and the District have a beneficial and cooperative relationship, and they voluntarily coordinate operations of certain features of their water systems for their mutual benefit;
- E. The City and the District entered into a Water Storage Lease Agreement on June 5, 2019, (“WSLA”) that allowed the City to lease 4.8 million gallons of finished water storage capacity from the District for a period of ten (10) years;



F. The City made a payment of \$96,000 to the District on May 26, 2023, for access to water storage in the 2023-2024 fiscal year.

G. The City desires to increase the amount of storage it leases and to extend the term of the WSLA in accordance with the terms of this Amended Agreement;

H. The City and the District are willing to extend the term of the WSLA and adopt new payment terms;

I. This Amended Agreement supersedes and replaces the WSLA, dated June 5, 2019.

J. The City desires to lease five (5) million gallons of finished water storage capacity from District for a period of fifteen (15) years;

K. The District is willing: (i) to lease five (5) million gallons of finished water storage capacity from its storage tank facilities at 2800 East 9400 South and at 2300 East 9800 South, Salt Lake County, Utah, to fulfill the City's need for water storage capacity during the term of this Amended Agreement; and,

L. The City is willing to pay the District annual lease payments for the lease of the storage capacity, and be subject to the normal extra hour capacity charges which are included in the District's water rate methodology, which is based upon the American Water Works Association Base-Extra Capacity Method, all in accordance with the terms and conditions of this Amended Agreement.

TERMS:

The parties agree as follows:

1. The City shall lease three (3) million gallons of finished water storage capacity at the District's 2800 East 9400 South storage tank facilities and two (2) million gallons of finished water storage capacity at the District's 2300 East 9800 South storage tank facility (collectively, the "City Storage").

2. (a) This Amended Agreement shall commence on the Effective Date and shall terminate on the first to occur of the following: (i) the written agreement of the parties; or (ii) on June 30, 2039.

(b) If both parties agree, this Amended Agreement may be renewed for one additional term of five (5) years.

3. (a) In consideration for the District's cost to construct, operate, and maintain its storage tank facilities to specifically benefit the City, and as payment for the City Storage, the City shall pay the District Twenty-Five Thousand and 00/100 Dollars (\$25,000.00) each year ("Annual Payment") during the term of this Amended Agreement, subject to increases as described in subparagraph 3(c), with the first Annual Payment due on July 1, 2024, for the period of July 1, 2024 through July 1, 2025, and subsequent Annual Payments due on each July 1, thereafter.

(c) The Annual Payment shall automatically increase by 12.5% every five years, rounded to the nearest whole dollar. Annual Payments beginning on July 1, 2029, shall be in the amount of \$28,125.00 and beginning on July 1, 2034, shall be in the amount of \$31,641.00.

(b) Any Annual Payment not made in full within 30 days of the due date

shall bear simple, annual interest at the Utah Public Treasurer's Investment Fund Rate, commencing the day after the due date and accruing until paid in full.

(c) Nothing in this Amended Agreement shall alter the terms and conditions of District's wholesale water service to City and the City shall be subject to all components of the District's wholesale water rate, as the same may be altered or amended from time to time by the District, specifically including the payment of extra hour capacity charges in accordance with the District's use of the American Water Works Association Base-Extra Capacity Method commencing with the billing period that begins on July 1, 2024.

4. (a) If an unusual circumstance, as reasonably determined by the District, such as, for example, a natural disaster, premature structural failure, joint sealant failure, or coating failure, that requires an extraordinary capital expense to repair or replace part or all of the District's storage tank facilities located either at 2800 East 9400 South or at 2300 East 9800 South in Salt Lake County, Utah, the City shall reimburse its pro-rata portion of the extraordinary capital expenditures incurred by the District: 100% for the 2800 East 9400 South storage tank facility, and 33% for the 2300 East 9800 South storage tank facility.

(b) District has recently completed a capital project at the 2300 East 9800 South storage tank facility to replace concrete joint sealant for which City agrees to share in the cost. The total costs to construct this capital project, including associated outside engineering fees, was eight hundred seventy-six thousand two hundred nine dollars and no cents (\$876,209.00), and City's share of the project is two hundred eighty-nine thousand one hundred forty nine dollars and no cents (\$289,149.00). The City will

pay its share of the expense described in this subparagraph 4(b) to District on or before July 31, 2024.

(c) To the extent reasonably possible, the District will notify the City of necessary extraordinary capital expenses or major repair and replacement expenses with sufficient time to enable the City to appropriately budget for such expenses in its annual budgeting process.

5. (a) The District shall operate, maintain, and repair the facilities it operates to provide the City Storage in a manner consistent with the way District manages other District owned or operated facilities.

(b) The operations of the City Storage may be suspended temporarily, in whole or in part by the District, for operation, maintenance, repair, and replacement work, as reasonably determined by the District. The District shall make good faith efforts to coordinate and schedule such work based on the City's reasonable requests.

6. This Amended Agreement, including exhibits, attachments, and references to incorporated documents, constitutes the entire agreement between the parties and supersedes all prior understandings, representations, or agreements of the parties regarding the subject matters contained in this Amended Agreement.

7. The parties shall perform those acts and/or sign all documents required by this Amended Agreement or which may be reasonably necessary to effectuate the terms of this Amended Agreement.

8. Neither party may assign this Amended Agreement, or any of its rights, duties, or obligations under this Amended Agreement, without the prior written consent of the other, which consent shall not be unreasonably withheld, except that either party may

make an assignment to its successor-in-interest. Any assignment made in violation of this paragraph or in violation of law shall be void.

9. This Amended Agreement does not create any kind of joint venture, partnership, agency, or employment relationship between the parties.

10. The parties shall comply with all applicable federal, state, and local laws and ordinances in the performance of this Amended Agreement. Any terms which the parties as governmental entities are mandated by law to include in this Amended Agreement shall be considered part of this Amended Agreement.

11. This Amended Agreement cannot be amended except by a written instrument signed by the parties.

12. If any legal action is brought to enforce this Amended Agreement, the prevailing party shall be entitled to recover reasonable attorneys' fees and costs incurred in that action, in addition to any other relief to which it may be entitled.

13. In the event a court, governmental agency, or regulatory agency with proper jurisdiction determines that any provision of this Amended Agreement is unlawful, that provision shall terminate. If a provision is terminated, but the parties can legally, commercially, and practicably continue to perform this Amended Agreement without the terminated provision, the remainder of this Amended Agreement shall continue in effect.

14. Neither party shall be deemed in violation of this Amended Agreement if it is prevented from performing any of its obligations by reason of earthquakes or other natural disaster; strikes or other labor unrest; power failures; civil or military emergencies; acts of legislative, judicial, executive, or administrative authorities; or any other circumstances which are not within its reasonable control.

15. Any notice, communication, or payment required or allowed by this Amended Agreement shall be mailed or hand-delivered to each party as follows:

If to the District, to:

Jordan Valley Water Conservancy District  
Attn: Assistant General Manager/Chief Engineer  
8215 South 1300 West  
West Jordan, UT 84088

If to the City, to:

Midvale City  
Attn: Glen Kennedy, Public Works Director  
8196 South Main Street  
Midvale, UT 84047

With a copy to:

Midvale City  
Attn: Matt Dahl, City Manager  
7505 South Holden Street  
Midvale, UT 84047

Each party may change the designation of the addressee or the address for that party by providing written notice of the change.

16. Each individual executing this Amended Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Amended Agreement in the capacity and for the entity identified.

17. The parties intend that this Amended Agreement benefit only them, and they do not intend there to be any third-party beneficiaries.

[SIGNATURE PAGE FOLLOWS]

“City”:

MIDVALE CITY

ATTEST:

\_\_\_\_\_  
City Recorder

By:

\_\_\_\_\_  
\_\_\_\_\_  
Its Mayor

“District”:

JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

ATTEST:

\_\_\_\_\_  
Alan E. Packard  
District Clerk

By:

\_\_\_\_\_  
Corey L. Rushton  
Its Chair

STATE OF UTAH            )  
  : ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2023, by \_\_\_\_\_, the Mayor of Midvale City, a Utah municipality, on its behalf.

(SEAL)

\_\_\_\_\_  
NOTARY PUBLIC, residing in  
\_\_\_\_\_

My commission expires:

\_\_\_\_\_

STATE OF UTAH            )  
  : ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2023, by Corey L. Rushton, the Chair of the Jordan Valley Water Conservancy District, a water conservancy district organized under the laws of the State of Utah, on its behalf.

(SEAL)

\_\_\_\_\_  
NOTARY PUBLIC, residing in  
\_\_\_\_\_

My commission expires:

\_\_\_\_\_



JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF PROJECT AND RELOCATION AGREEMENTS FOR  
UTAH DEPARTMENT OF TRANSPORTATION 4700 SOUTH AND 9800 SOUTH  
BANGERTER HIGHWAY PROJECTS**

September 13, 2023

**Summary:** The Utah Department of Transportation is preparing to construct grade-separated interchanges along Bangerter Highway at 4700 South in Taylorsville/West Valley City, and 9800 South in South Jordan. The District operates and maintains the Jordan Aqueduct, which will be impacted by UDOT's project. The work along 4700 South requires that the aqueduct (66" welded steel at this location) be relocated, while the work along 9800 South allows the aqueduct (78" welded steel at this location) to be protected in place.

The Project Agreement sets forth terms and conditions regarding work within the Jordan Aqueduct Easement and around the pipeline at 4700 South and 9800 South. The Relocation Agreement sets forth terms and conditions regarding the relocation of the Jordan Aqueduct at 4700 South, including the granting of a new easement to the United States by UDOT for the relocated Aqueduct. UDOT agrees to pay all costs associated with the relocation of and/or work on the Jordan Aqueduct and related facilities.

**Recommendation:** **Approve the Project and Relocation Agreements and authorize the General Manager and General Counsel to make minor revisions as necessary and execute the Agreements.**



United States Contract No. \_\_\_\_\_

UDOT Contract No. \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

PROJECT AGREEMENT  
AMONG THE  
UNITED STATES OF AMERICA  
AND  
UTAH DEPARTMENT OF TRANSPORTATION  
AND  
JORDAN VALLEY WATER CONSERVANCY DISTRICT

THIS PROJECT AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_, 2023, pursuant to the Act of Congress of June 17, 1902 (32 Stat. 388), and acts amendatory thereof or supplementary thereto, all of which acts are commonly known and referred to as Reclamation Laws, and particularly pursuant to Sections 10 and 14 of the Act of August 4, 1939, (53 Stat. 1187) among the UNITED STATES OF AMERICA, represented by the officer executing this Project Agreement, his duly appointed successor, or his duly authorized representative, (United States), UTAH DEPARTMENT OF TRANSPORTATION, (UDOT), and JORDAN VALLEY WATER CONSERVANCY DISTRICT, (Jordan Valley).

WITNESSETH THAT:

WHEREAS, the United States holds real property interests including, but not limited to Fee Title and easements (Land Interests of the United States), which are acquired for the storage and delivery of water, through the United States Bureau of Reclamation (Reclamation), as part of the Central Utah Project Bonneville Unit (Project); and

WHEREAS, the United States has contracted with various water user organizations to use, care for, operate, and maintain its Project facilities (US Facilities); and

WHEREAS, the United States owns certain Project facilities located on the Land Interests of the United States, including the Jordan Aqueduct Reach 2 and Jordan Aqueduct Reach 3, and appurtenant structures and improvements, located in the vicinity of SR-154-Bangerter Highway corridor; and



WHEREAS, Jordan Valley is the Project partner of the United States and has the right to the capacity of the US Facilities. The day-to-day care, operation, and maintenance of the US Facilities have been delegated to Jordan Valley for the benefit of both districts; and

WHEREAS, UDOT, an agency of the State of Utah, constructed and continues to construct, operate, maintain, reconstruct, and rehabilitate highways throughout the State of Utah for the purpose of providing public transportation; and

WHEREAS, the parties entered into a Memorandum of Agreement 05-LM-40-02720 September 26, 2005, attached as Exhibit A; and

WHEREAS, UDOT will award a design-build contract to a third party (Design-Builder), for the highway project identified as Project No. S-0154(97)10 Bangerter Highway at 4700 South and 9800 South (PIN 16382) in Salt Lake County, Utah, (Highway Project); and

WHEREAS, UDOT shall require by contract that the Design-Builder administer the construction of the Highway Project, including quality control; and

WHEREAS, the Highway Project necessitates expenditures consisting of design engineering and construction for protection of, or encroachment on, or impacts to, or relocation of Land Interests of the United States and US Facilities on the Highway Project (Work); each encroachment or impact or relocation will be the subject of a separate agreement; and

WHEREAS, it is the desire of UDOT for the Design-Builder to construct the Work within a tightly controlled schedule that includes completion deadlines; and

WHEREAS, the United States, Jordan Valley, and assigns will inspect and accept the Work as appropriate to accommodate the Highway Project; and

WHEREAS, it is the desire of UDOT, the United States and Jordan Valley to enter into this Project Agreement with the understanding that future agreements may be entered into covering Work to be accomplished by UDOT at specific Highway Project locations (Supplemental Agreements); and

WHEREAS, in accordance with Utah Code § 72-6-116(3)(a)(ii), UDOT will pay the cost of relocation of US Facilities located on Land Interests of the United States in compliance with 23 C.F.R. §645, subpart A; and

WHEREAS, in accordance with 23 C.F.R. § 645, subpart A, an accrued depreciation credit is not required as a result of the Work; and

WHEREAS, the US Facilities convey Project water that serves the residents of Salt Lake County.

NOW, THEREFORE, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows.

1. **SEVERABILITY:** Each provision of this Project Agreement shall be interpreted in such a manner as to be valid under applicable law, but if any provision of this Project Agreement shall be deemed or determined by competent authority to be invalid or prohibited hereunder, such provision shall be ineffective and void only to the extent of such invalidity or prohibition, but shall not be deemed ineffective or invalid as to the remainder of such provision or any other remaining provisions, or of the Project Agreement as a whole.
2. **HOLD HARMLESS:**
  - a. UDOT hereby agrees to indemnify and hold the United States, its officers, agents, employees, and assigns harmless from any and all claims whatsoever for personal injuries or damages to property when such injuries or damages directly or indirectly arise out of UDOT or its Design-Builder's Work; or for any and all loss or damage of every description or kind whatsoever which may result to UDOT from the construction, operation, and maintenance of the Highway Project upon Land Interests of the United States; provided, however, that nothing in this Project Agreement shall be construed as releasing the United States from responsibility for its own negligence. Nothing herein shall be deemed to increase the liability of the United States beyond the provisions of the Federal Tort Claims Act, Act of June 25, 1948, 62 Stat. 989 (28 U.S.C. §1346(b), 2671 et seq.) or other applicable law. Nothing in this Project Agreement shall be construed as a waiver by UDOT of the provisions of the Governmental Immunity Act of Utah (Utah Code Ann. §§ 63G-7-101 et seq.). UDOT's obligation to indemnify shall be limited to the negligence claims allowed by the Federal Tort Claims Act.
  - b. UDOT agrees that the United States shall not be responsible for any damage caused to the Highway Project or related facilities of UDOT, unless such damage is caused by the negligence of the United States or by its contractors, officers, agents, employees or assigns as determined under the provisions of the Federal Tort Claims Act.
  - c. UDOT and Jordan Valley are both governmental entities subject to the Governmental Immunity Act of Utah. Each party agrees to indemnify, defend, and save harmless

the other party from and against all claims, suits and costs, including attorneys' fees, for injury or damage of any kind, arising out of its negligent acts, errors or omissions and the negligent acts, errors or omissions of its officers, agents, contractors or employees in the performance of this Project Agreement. Nothing in this Project Agreement is intended to create additional rights for third parties or to waive any of the provisions of the Governmental Immunity Act of Utah. The obligation to indemnify is limited to the dollar amounts set forth in the Governmental Immunity Act of Utah, provided the Act applies to the action or omission giving rise to indemnification under this subparagraph. The indemnification in this subparagraph shall survive the expiration or termination of this Agreement.

3. PROTECTION OF UNITED STATES INTERESTS: UDOT shall comply with all applicable laws, ordinances, rules, and regulations enacted or promulgated by any Federal, State, or local governmental body having jurisdiction over an issue applicable to the Highway Project.
4. ACCESS: The United States and Jordan Valley reserve the right of reasonable access for them and their respective contractors, officers, agents, employees, and assigns to make investigations of all kinds, dig test pits and drill test holes, and to survey for and construct, use, operate, and maintain US Facilities and other improvements related to or connected to US Facilities. However, the United States and Jordan Valley and their respective contractors, officers, agents, employees, and assigns shall not access or perform any work on UDOT's right-of-way unless a permit is obtained from UDOT and such permit holder and its contractors, officers, agents, employees, and assigns comply with the permit requirements. The United States and Jordan Valley, and their respective contractors, officers, agents, employees, and assigns shall have the right to enter UDOT's right-of-way, without a permit, in the event of any emergency to make repairs required to prevent loss of life or significant damage to property. The party exercising such right of emergency access and its contractors, officers, agents, employees, and assigns must 1) provide notice to UDOT of entry onto the right-of-way via UDOT's right-of-way and permits officers as soon as practicable but in no event more than 24 hours after entering the right-of-way; and 2) follow guidelines for traffic control as outlined in the Manual of Uniform Traffic Control Devices (MUTCD).
5. PROJECT COORDINATION — FOR IMPACTS TO LAND INTERESTS OF THE UNITED STATES AND US FACILITIES:
  - a. During the development of the Highway Project design, UDOT will consult with the United States and Jordan Valley to determine if conflicts, encroachments, and interference with Land Interests of the United States and US Facilities can be avoided. The United States agrees that Jordan Valley will be the designated point of contact

for UDOT and its Contactor to consult and coordinate with during the Highway Project. Jordan Valley will consult and coordinate with, and obtain approval from, the United States as necessary during the Highway Project.

- b. If conflicts, encroachments, or interference with Land Interests of the United States and US Facilities are necessary and/or cannot be reasonably avoided, UDOT will identify the extent of the conflict, encroachment, or interference and propose a solution. In the event of a relocation of US Facilities, the location to which such facilities are to be relocated must be acceptable to the United States and Jordan Valley.
- c. The United States, Jordan Valley, and UDOT have determined locations of encroachment on Land Interests of the United States and US Facilities, which are shown in attached Exhibits B-C, which include a summary of existing United States Easements for the Highway Project, and preliminary plans showing the relocation at 4700 South and protect in place sections of US Facilities located near 9800 South.

## **6. DUTIES TO BE INCORPORATED INTO DESIGN-BUILD CONTRACT**

### **a. UDOT's Responsibilities**

- i. UDOT may inspect Work items as they pertain to its Highway Project, and UDOT shall be responsible for payment of, and construction, relocation, or modification of US Facilities.
- ii. UDOT will relocate all third-party utilities, identified as incompatible with Project purpose by the United States, outside of the new Land Interests of the United States upon completion of the Interchange Project Work as shown in Exhibit C – Relocated United States Easement for 4700 South. All third-party utilities, existing and new, deemed compatible by the United States with Project purpose, may remain, with an executed Easement Encroachment Agreement from the United States. The United States must have the superior right, therefore UDOT will require that all existing utilities within the new Land Interests of the United States must also execute a subordination agreement with the United States.
- iii. If work is required on US Facilities, UDOT shall be responsible to identify the conflicts, encroachments, or interference, provide Jordan Valley with Highway Project design plans as early as possible, and schedule and meet with Jordan Valley to review the details of design, construction, estimates of cost, and scheduling for Work at specific locations within the Highway Project.
- iv. UDOT shall advise Jordan Valley of the approximate time required for completion of Work and shall diligently pursue its Work so that completion

can be accomplished according to the pre-determined time schedule as negotiated by UDOT and Jordan Valley.

- v. UDOT shall provide to Jordan Valley for final approval any design documents addressing any conflict, encroachment, or interference with Land Interests of the United States and US Facilities.
  1. Design Review Time: Jordan Valley requires up to three (3) weeks for design review after UDOT submits a relocation request and design documents.
  2. Address review documents to Travis Christensen; Senior Engineer, Jordan Valley.
  3. UDOT shall provide facility design documents incorporating Jordan Valley's specifications and drawings, which may be obtained from Travis Christensen.
- vi. UDOT shall provide all of the supervision, labor, tools, equipment, and materials for the Work. Jordan Valley shall approve, in advance, Work on Land Interests of the United States and US Facilities. Work by UDOT may include purchasing and hauling materials; cutting asphalt; trenching; equipment installation; backfilling; compacting; clean-up; and completing US Facilities to meet the requirements of this Project Agreement. UDOT shall perform the Highway Project in stages, including facility tie-in and putting US Facilities into service, to minimize disruption to the public and to the United States and its contractors.
- vii. Specifications: The specification which is of the higher standard between those of UDOT and Jordan Valley, will control where duplication occurs. UDOT will provide to Jordan Valley as-constructed plans in AutoCAD and PDF format upon completion of the Work.
- viii. Water Service Disruption: Jordan Valley relies upon the operation of US Facilities, among other facilities, to provide water service to its customers. Disruption to the operation of any facility may cause Jordan Valley to incur additional expense, including but not limited to the purchase of replacement water, the loss of revenues from water sales, purchase payments made on take-or-pay water contracts although Jordan Valley cannot take or use the contract water, additional pumping costs, additional conveyance costs, additional treatment costs, and damages paid by Jordan Valley for breach of contract with customers for failure to provide them water. In order to minimize the additional expenses associated with operational disruption, US Facilities may be taken out of service by UDOT only pursuant to the following schedule, notwithstanding any other provision of this Agreement to the contrary:



Ref No.	Description	Shutdown Duration	Shutdown Schedule Window	Anticipated Shutdown Year	Concurrent Shutdowns?		Notes
					Required	NOT Allowed	
1	4400 South 24" Waterline	2 Weeks	Nov 20, 2023 – March 3, 2024	2023/24		NOT Allowed	Due to staffing limitations, pipelines cannot be taken offline and drained between December 22, 2023 and January 7, 2024 but contractor work can continue during this period if the pipeline is drained and available for work.
2	JA-3 Connection to Relocated JA-3	4 Weeks (After 24" is online)	Nov 20, 2023 – March 3, 2024	2023/24	Yes		
3	Benview Palmer Waterline	4 Weeks (After 24" is online)	Nov 20, 2023 – March 3, 2024	2023/24	Yes		
4	16" Waterline to Orleans Road Meter Vault	4 Weeks (After 24" is online)	Nov 20, 2023 – March 3, 2024	2023/24	Yes		
5	Install JA-3 for Weko Seals	4 Weeks (Down entire time)	Jan 1 – February 28	2022/23	Yes		
6	Install JA-2 for Weko Seals	2 Weeks (Bring back up first)	Jan 1 – February 28	2022/23	Yes		

UDOT shall reimburse Jordan Valley for its actual, respective damages for UDOT's breach of the terms of this subparagraph 6(a)(viii). And, notwithstanding an authorized operational disruption of the US Facilities under this Project Agreement, UDOT shall reimburse Jordan Valley (i) for all of their costs to re-route and transport water during any disruption by UDOT to the operation of US Facilities, and (ii) for the costs each may incur, including but not limited to the cost of labor and the cost of water lost, to de-water US Facilities to permit operational disruption of US Facilities by UDOT.



- ix. Construction Inspection: UDOT shall not bury or conceal any portion of the Work that has not been inspected and accepted by Jordan Valley.
- x. Cost Allocations: UDOT shall pay the cost of relocation of US Facilities located on Land Interests of the United States in compliance with 23 C.F.R. §645, subpart A. UDOT is 100% responsible for traffic control and surveying.
- xi. Inspection of the Work by Jordan Valley shall not relieve UDOT from the obligation to perform all Work in compliance with Jordan Valley's specifications and any other obligations under this Project Agreement.
- xii. UDOT shall accomplish the Work on US Facilities in accordance with the plans and specifications approved by Jordan Valley. Any changes or additions to the plans and specifications shall be approved in writing by Jordan Valley.

b. United States and Jordan Valley Responsibilities

- i. The United States and Jordan Valley agree to the allocation of responsibilities, and commitments regarding UDOT specified in this Project Agreement. In case of a discrepancy or conflict between the information contained in this Project Agreement and any subsequently executed agreements, the subsequently executed agreements shall govern.
- ii. Jordan Valley will perform the necessary design reviews and obtain approval from the United States prior to the start of Work.
- iii. The United States and Jordan Valley will inspect UDOT's Design-Builder's Work and will provide UDOT's Project Representative and the Design-Builder's Project Representative with information covering any problems or concerns the United States and Jordan Valley may have with acceptance of the facilities. The failure of either the United States or Jordan Valley to find a deficiency during inspection of the Work does not relieve UDOT or its Design-Builder from performing Work that complies with the plans and specifications.
- iv. The United States or Jordan Valley shall notify UDOT's Project Representative of any deficiencies in the Work on US Facilities. UDOT's Project Representative will respond to the concerns within 24 hours of notification.
- v. In the event the United States or Jordan Valley discovers any deficiencies in the Work, including any failure to comply with plans and specifications as required above, Jordan Valley shall make recommendations to UDOT's Project Representative to stop the Work or correct the deficiencies. Jordan Valley and UDOT will immediately thereafter meet to determine a plan to bring the Work into compliance. Any such plans to cure shall be approved

by Jordan Valley. Jordan Valley may notify UDOT to stop the Work immediately upon discovery of safety deficiencies during Work in progress.

7. **NOTIFICATION BEFORE BEGINNING CONSTRUCTION WORK:** The required notification periods as indicated in this section are for the commencing of any Work provided for by Supplemental Agreements to allow sufficient time for Jordan Valley to schedule an inspection during the Work.
  - a. Jordan Valley maintains an 8:00 a.m. to 5:00 p.m., Monday through Friday work week, not including observed holidays. All Work schedule notifications shall be given during the identified time period to Travis Christensen, Senior Engineer, Jordan Valley.
  - b. Jordan Valley requires a minimum of 3 working days' notification prior to the beginning weekend and/or night Work.
  - c. Jordan Valley requires a minimum of 2 working days' notification to schedule an inspection request.
  - d. Jordan Valley requires a minimum of 14 calendar days' notification prior to beginning Work on or affecting existing US Facilities (including limitations to access to US Facilities).
  - e. Jordan Valley requires a minimum of 30 calendar days' notification before Work is started on any betterments in order to schedule full-time inspection personnel.
  
8. **TRAFFIC CONTROL AND SURVEYING:** UDOT will provide all coordination, traffic control per UDOT standards and Manual on Uniform Traffic Control Devices (MUTCD), and required surveying (line and grade), and will verify the proposed location of relocated US Facilities prior to them being placed in their final position. UDOT will coordinate with Jordan Valley for survey staking. The United States and Jordan Valley shall not be responsible for the costs of any coordination, traffic control, or surveying.
  
9. **FORCE MAJEURE:** If, as a result of force majeure, either UDOT, Jordan Valley, or the United States is wholly or partially unable to meet its respective obligations under this Project Agreement other than for payment of monies due, the non-performing party shall give the other parties reasonable notice of such situation, describing it in reasonable detail. Thereupon, the party giving the notice shall be released from its obligations under this Project Agreement to the extent that the force majeure prevents performance of obligations during the continuance of the force majeure. The party having the force majeure shall attempt to cure and mitigate the force majeure as quickly as possible, but if rectification is not possible, the parties shall negotiate an acceptable solution. The term "force majeure" means any cause or condition which is not reasonably within the control of the party claiming the suspension.

10. ACCEPTANCE OF THE WORK: The United States and Jordan Valley, as applicable, agree that upon completion and final inspection of construction, to accept, own (in the case of the United States), and maintain the relocated facilities covered herein at no further cost to UDOT and will notify UDOT of the acceptance.
11. COVENANT AGAINST CONTINGENT FEES: UDOT warrants that no person or agency has been employed or retained to solicit or secure this Project Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established agencies maintained by UDOT for the purpose of securing business. For breach or violation of this warranty, the United States and Jordan Valley shall have the right to annul this Project Agreement without liability or in their discretion to require UDOT to pay the full amount of such commission, percentage, brokerage, or contingent fee.
12. HAZARDOUS MATERIALS: UDOT shall comply with all applicable Federal, State, and local laws and regulations, and United States policies and directives and standards, existing or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, or disposed of on or in Federal lands, waters or facilities. Additional requirements related to specific impacts to US Facilities may be identified in Supplemental Agreements to this Project Agreement.
13. CONTACTS:
  - a. Jordan Valley Water Conservancy District: US Facilities  
Travis Christensen; Senior Engineer; 8215 South 1300 West, West Jordan, UT 84088; 801-565-4399; travisc@jvwcd.org.
  - b. United States Representative: US Facilities
    - i. Matthew Winkelkotter; Bureau of Reclamation, Lands Group, Realty Specialist; 302 East Lakeview Parkway, Provo, UT 84606; (801) 379-1193; tmccain@usbr.gov.
    - ii. Ashlee Hilton, Bureau of Reclamation, Civil Engineer; 302 East Lakeview Parkway, Provo, UT 84606; (801) 379-1105; ahilton@usbr.gov.
  - c. UDOT Project Representative:  
John Bangle; Region 2, Utility and Railroad Leader; 2010 South 2760 West, SLC, UT 84104; 801-867-6764; jbangle@utah.gov,  
Marwan Farah; Program Director / Project Manager; (801) 965-4000  
mfarah@utah.gov.



IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed the day and year first written above.

UNITED STATES OF AMERICA

\_\_\_\_\_  
Approved: Regional Solicitor's Office

By: \_\_\_\_\_  
Name:  
Title: Regional Director

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

ACKNOWLEDGMENT OF THE UNITED STATES

State of )  
) ss.  
County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2023, personally appeared before me \_\_\_\_\_, known to me to be the Regional Director of the Upper Colorado Region, Bureau of Reclamation, United States Department of Interior, the signer of the above instrument, who duly acknowledged to me that he executed the same on behalf of the United States of America pursuant to authority delegated to him.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

(NOTARY SEAL)

\_\_\_\_\_  
Notary Public

UTAH DEPARTMENT OF  
TRANSPORTATION

By: Marwan Farah  
Marwan Farah;  
Program Director / Project Manager

Date: Aug 30, 2023

ACKNOWLEDGMENT OF UTAH DEPARTMENT OF TRANSPORTATION

State of UT)

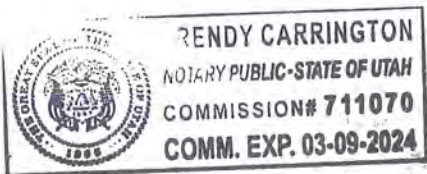
) ss.

County of Salt Lake

On this 30th day of August, 2023, personally appeared before me Marwan Farah, known to me to be the Project Director & Project Manager for the UDOT, the signer of the above instrument, who duly acknowledged to me that he executed the same on behalf of UDOT pursuant to authority delegated to him/her.

(NOTARY SEAL)

Rendy Carrington  
Notary Public





S-0154(97)10  
Bangerter Highway at 4700 South & 9800 South  
CID 73961 PIN 16382

JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

\_\_\_\_\_  
Alan E. Packard  
General Manager/CEO

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

ACKNOWLEDGMENT OF JORDAN VALLEY WATER CONSERVANCY DISTRICT

State of        UT                    )

) ss.

County of                    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2023, personally appeared before me Alan E. Packard, known to me to be the General Manager / CEO of Jordan Valley Water Conservancy District, the signer of the above instrument, who duly acknowledged to me that he executed the same on behalf of Jordan Valley Water Conservancy District pursuant to authority delegated to him/her.

(NOTARY SEAL)

\_\_\_\_\_  
Notary Public



S-0154(97)10  
Bangerter Highway at 4700 South & 9800 South  
CID 73961 PIN 16382

EXHIBIT A

Memorandum of Agreement 05-LM-40-02720 September 26, 2005

MEMORANDUM OF AGREEMENT

Between

THE UNITED STATES OF AMERICA,  
DEPARTMENT OF THE INTERIOR,  
BUREAU OF RECLAMATION

And

THE UTAH DEPARTMENT OF TRANSPORTATION

REGARDING USE OF RECLAMATION LANDS FOR HIGHWAY PROJECTS

THIS Memorandum of Agreement (Agreement), dated this 26<sup>th</sup> day of September, 2005, in pursuance of the Act of June 17, 1902 (32 Stat. 388), and acts amendatory thereof or supplementary thereto, particularly Section 10 of the Reclamation Project Act of 1939 (53 Stat. 1196; Act of August 18, 1950; 64 Stat. 463; 43 U.S. C. § 387), between THE UNITED STATES OF AMERICA, and its assigns, hereinafter referred to as the United States, acting through the BUREAU OF RECLAMATION, hereinafter referred to as Reclamation, and the UTAH DEPARTMENT OF TRANSPORTATION, hereinafter referred to as UDOT;

WHEREAS, Reclamation, an agency of the United States Government, has constructed and continues to own large projects for the storage and delivery of water; and

WHEREAS, Reclamation, has contracted with various water user organizations to operate and maintain its project facilities; and

WHEREAS, as a result, the United States holds real property interests (fee title and easements) in real property located throughout the State of Utah which it acquired through Reclamation in connection with Reclamation's projects, and which continue to be administered by Reclamation for authorized project purposes; and

WHEREAS, UDOT, a department of the Utah State Government, constructed and continues to construct, operate, maintain, reconstruct, and rehabilitate highways throughout the State of Utah for the purpose of providing public transportation; and

WHEREAS, as a result, UDOT frequently needs to obtain easements over United States' lands administered by Reclamation for various highway construction projects; and



WHEREAS, Reclamation recognizes that UDOT's highway projects serve a public need and have public support, and such easements, if granted by the United States, would be used by UDOT for public benefit; and

WHEREAS, as a result of UDOT's highway projects, Reclamation frequently receives benefit of improved access to United States' lands and facilities which Reclamation administers; and

WHEREAS, as a result of UDOT's highway projects, Reclamation frequently receives benefit from enhanced safety on highways which are used by Reclamation, its employees and contractors, and the general public for access to United States' lands and facilities, as well as from diminished potential for claims of liability resulting from public use of said lands and facilities.

WHEREAS, as a result of UDOT's highway projects, the general public benefits from improved access and safety; and

WHEREAS, UDOT recognizes and agrees that it will be required to comply with environmental laws, including the National Environmental Policy Act, for each of its highway projects, and that it must obtain approval of said compliance by each and every required agency; and

WHEREAS, Reclamation and UDOT wish to cooperate for the best public good to facilitate each agency's respective missions; and

WHEREAS, Reclamation, acting pursuant to 43 CFR 429.6(c) has authority to waive all or part of administrative costs which may be incurred in issuing easements, as follows:

*All [administrative] fees and costs may be waived or reduced at the discretion of the Regional Director, when . . . (3) the holder provides without charges, or at a reduced charge, a valuable service to the public or to the programs of the Department of the Interior.*

WHEREAS, Reclamation, acting pursuant to 43 CFR 429.4 has authority to waive all or part of fair market value compensation for issuing said easements, as follows:

*Rights of use requested by other Federal or other governmental agencies will be granted with fair market value reimbursement unless a reasonable opportunity exists for the exchange of rights-of use privileges, and there exists an interagency agreement providing for such exchange.*

WHEREAS, Reclamation, acting pursuant to 43 CFR 429.4 has authority to waive all or part of fair market value compensation for issuing said easements, as follows:

*Rights of use requested by nonprofit organizations or nonprofit corporations may be provided with no charge being made for the value of these rights-of-use when it is determined that the use will not interfere with the authorized current or planned use of the land by Reclamation.*

NOW THEREFORE, whenever UDOT desires the United States to grant an easement for a UDOT highway project across United States lands administered by Reclamation, UDOT and Reclamation agree to follow the following general procedures:

1. UDOT shall submit all request(s) for grants of easement to Reclamation following the format attached as, Exhibit "A".
2. UDOT shall provide Reclamation with an environmental compliance document covering each request. Reclamation shall review and, if appropriate, approve said environmental compliance document prior to granting any easements to UDOT.
3. Reclamation shall waive reimbursement from UDOT for both administrative costs and compensation for fair market value for the granting easements to UDOT as long as UDOT's highway project meets requirements for such a waiver.
4. UDOT and Reclamation, upon mutual agreement, may enter into a temporary contract to allow UDOT to occupy and use areas it requires immediately, prior to the execution of a final contract and grant of easement.
5. Reclamation may alter the format of said easements prior to approval and signing of final contracts and grants of easement, but the legal descriptions and nature of use (perpetual easement) shall be the responsibility of UDOT and shall remain substantially the same.
6. Both parties agree to complete and execute all final contracts and grants of easement in a timely manner.
7. UDOT will obtain concurrence of any water user organization having contractual responsibility for operation and maintenance of the Reclamation project which is affected by UDOT's highway project on all temporary or final contracts.
8. UDOT agrees to conduct all activities within the any easement to be granted to UDOT by the United States in strict accordance with the Protective Criteria contained in Exhibit B attached hereto and by this reference made a part hereof.
9. UDOT shall not remove, relocate, damage, or destroy any facility or structure of the United States without first having entered into a separate contract with the United States covering such issues as design and specifications, funding, construction, and future operation and maintenance of said facility or structure.

10. UDOT shall notify the affected water user organization by telephone Five (5) days in advance of its intent to commence any construction operations.

11. UDOT agrees to reduce impact to soil, vegetation, wildlife and visual resources within the easement area by limiting the amount of surface disturbance.

12. All United States land areas (except portions presently covered by asphalt surfacing) where soils and surface materials are disturbed through actions incident to construction, operation, and maintenance shall be restored by the UDOT to their natural state insofar as practicable by water barring, scarifying, leveling, reseeding, or other practices as prescribed by the United States and to its satisfaction.

13. Unless authorized in writing by the United States, travel by UDOT, its agents or assigns is limited to the area covered by the easements and existing public roads.

14. Disturbance of any improvements encountered during construction, maintenance, and operation of the easements shall be kept to an absolute minimum. UDOT shall immediately restore any damaged improvements at least to their former state. Functional use of these improvements must be maintained at all times.

15. During construction, operation, and maintenance, UDOT shall be particularly alert to take all reasonable and necessary precautions to protect and preserve historic or prehistoric ruins and artifacts on or adjacent to the easements. Should sites, ruins, or artifacts be discovered during these operations, UDOT will immediately suspend work involving the area in question, and advise the United States of suspected values. UDOT shall promptly have the area inspected to determine significance of values and consult with the United States on appropriate actions to follow (recovery, etc., and resumption of work). Cost of any recovery work shall be borne by the UDOT. UDOT shall provide the United States with a copy of any cultural resources survey reports concerning sites located on the temporary easement and shall develop a mitigation plan acceptable to the State Historic Preservation Officer (SHPO) for those significant sites subject to an adverse impact. All objects of antiquity recovered from public lands are the property of the United States and shall be turned over to Reclamation. UDOT is responsible for obtaining required SHPO clearance for any additional survey and report completed.

16. Within sixty (60) days after conclusion of construction operations, all construction materials and related litter and debris, including vegetative cover accumulated through land clearing, shall be disposed of by UDOT in an appropriate manner (State of Utah approved sanitary landfill).

17. UDOT shall designate a representative for field operations who shall be the sole representative of UDOT and UDOT's contractors in dealings with the United States, and shall provide their name, address, and telephone number to the United States and the Association prior to commencement of construction.

18. UDOT shall comply with existing County, State, and Federal laws concerning the protection and preservation of game, and non-game wildlife species.

19. UDOT shall comply with all State and Federal regulations and laws pertaining to water quality, public health and public safety.

20. UDOT shall be responsible for prevention and suppression of all uncontrolled fires that are caused by UDOT, its agents or assigns.

21. Subject to applicable Federal and State law, UDOT agrees to indemnify and hold harmless the United States against any and all loss or damage and from any liability on account of personal injury, property damage, or claims for personal injury or death arising from its occupancy or use of United States lands or any other rights covered under any temporary or final contract and grant of easement.

22. It is acknowledged and agreed by the parties hereto that, prior to start of construction by UDOT, the United States will have inspected the land area covered by the easements and found it to be free from contamination by hazardous materials of any kind. Removal and clean-up of future contamination, including broken asphalt, resulting from UDOT's use of the easements shall be the sole responsibility of UDOT. Removal and clean-up of any such future contamination, including broken or damaged asphalt, shall be at UDOT's sole expense and shall be accomplished in compliance with all applicable Federal and State laws and regulations.

23. UDOT agrees that in all operations conducted within the easements, it shall comply with applicable State and Federal laws and regulation concerning the use of poisonous substances, including insecticides, herbicides, fungicides, rodenticides, and other similar substances. Prior to the use of such substances on or near the easements, UDOT shall obtain from the United States, approval of a written plan of such use. The plan shall state the type and quantity of material to be used, the pest to be controlled, the method of application, or such other information as may be required. All use of such substances on or near the easements shall be in accordance with the approved plan. If the use of a poison is prohibited by the Environmental Protection Agency (EPA), it shall not be used. If use of a poison is limited by the EPA, it shall be used only in accordance with that limitation.

24. Any proposed additional or subsequent uses by UDOT or others of lands or facilities not covered by the easements must be authorized in advance, in writing by the United States. Additional construction, relocation, or use of the easements that is not in accordance with temporary or final contracts shall not be initiated without prior written approval of the United States and the affected water user organization. Copies of this and other applicable contracts shall be available to construction, operation, and maintenance personnel, as well as personnel of the United States and the Association, during operations.

25. If UDOT violates the terms and conditions of this or any temporary or final contract, the United States shall provide written notice to UDOT describing the violation. Following receipt of said written notice, UDOT shall have 45 days in which to correct said violation. In the event that UDOT fails to correct said violation to the satisfaction of the United States within that time period, title to the easements shall revert to the United States, following written notice by the United States to UDOT.

26. UDOT warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by UDOT for the purpose of securing business. For breach or violation of this warranty, the United States shall have the right to annul this Contract and grant without liability.

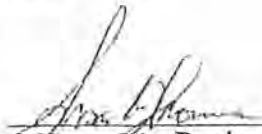
27. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this Agreement or to any benefit that may arise herefrom, but this restriction shall not be construed to extend to this instrument if made with a corporation or company for its general benefit.

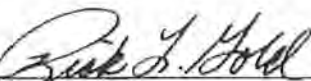
28. The provisions of this Agreement shall run in favor of and bind the assigns of the United States and the successors and assigns of UDOT.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed the day and year first written above.

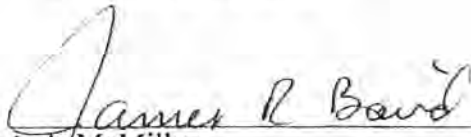
UNITED STATES OF AMERICA

Approved:

  
Office of the Regional Solicitor

By   
Regional Director  
Upper Colorado Region  
Bureau of Reclamation  
Department of the Interior

UTAH DEPARTMENT OF  
TRANSPORTATION

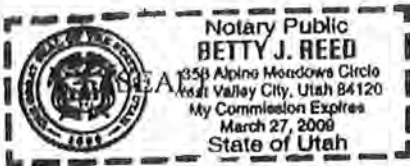
  
for Lyle McMillan  
Director of Right of Way

ACKNOWLEDGEMENT OF THE UNITED STATES

State of Utah

County of Salt Lake

On the 24th day of September, 2005, personally appeared before me Rick L. Gold, known to me to be the        Regional Director of the Bureau of Reclamation, Upper Colorado Region, United States Department of the Interior, the signer of the above instrument, who duly acknowledged to me that he executed the same on behalf of the United States of America.



Betty J. Reed  
Notary Public

ACKNOWLEDGEMENT OF UDOT

State of Utah

County of Jefferson

On the 13 day of Sept., 2005, personally appeared before me LYLE McMILLAN, known to me to be the Director of Right of way, Utah Department of Transportation, the signer of the above instrument, who duly acknowledged to me that he executed the same on behalf of the State of Utah.

James R. Baird (Deputy Director)

(SEAL)

Raymond B. Bennett  
Notary Public

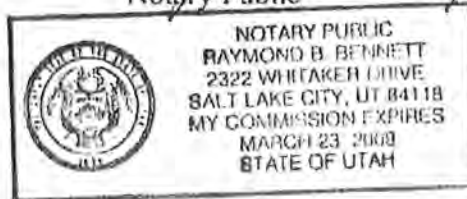




EXHIBIT B

Summary of Existing United States Easements:  
Bangerter Highway 4700 South & 9800 South

<u>Parcel No.</u>	<u>Acreage</u>	<u>Contract No.</u>	<u>Recorded</u>
JA-156 (F)	2.45	08-07-40-L0764	01/13/1972
JA-157 (F)	.84	14-06-400-5173	04/03/1972
JA-158 (F)	1.27	14-06-400-5715	04/03/1972
JA-212 (F)	.03	09-07-40-L0819	08/07/1978
JA-159 (F)	1.52	14-06-400-5709	01/31/1972
JA-160 (F)	1.65	14-06-400-5801	06/07/1973
JA-161 (F)	2.28	14-06-400-5821	06/13/1973
<hr/>			
JA-132 (P)	2.10	14-06-400-5537	03/13/1971
JA-133 (P)	0.52	14-06-400-5539	04/01/1971
JA-134 (P)	1.52	14-06-400-5565	05/07/1971
JA-135 (P)	0.35	14-06-400-5472	01/26/1971
JA-136 (P)	1.07	14-06-400-5521	03/09/1971
JA-137 (P)	0.09	14-06-400-5473	03/19/1971
JA-138 (S)	6.33	14-06-400-5697	10/26/1971



S-0154(97)10  
Bangerter Highway at 4700 South & 9800 South  
CID 73961 PIN 16382

## EXHIBIT C

Jordan Aqueduct Relocation and Protection at Bangerter @ 4700 South and Protection at Bangerter and 9800 South Bangerter, West Valley, Taylorsville, & South Jordan, Utah





**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION**

**RELOCATION AGREEMENT  
AMONG THE  
UNITED STATES OF AMERICA  
AND  
UTAH DEPARTMENT OF TRANSPORTATION  
AND  
JORDAN VALLEY WATER CONSERVANCY DISTRICT**

THIS RELOCATION AGREEMENT (the "Agreement"), made this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ pursuant to the Act of Congress of June 17, 1902 (32 Stat. 388), and acts amendatory thereof or supplementary thereto, all of which acts are commonly known and referred to as Reclamation Laws, and particularly pursuant to Act of Congress of June 17, 1902 (32 Stat. 388), and acts amendatory thereof or supplementary thereto, all of which acts are commonly known and referred to as Reclamation Laws, and particularly pursuant to Section 10 of the Act of August 4, 1939, (53 Stat. 1187) Section 14 of the Act of August 4, 1939, (53 Stat. 1187), among the UNITED STATES OF AMERICA, represented by the officer executing this Relocation Agreement or his duly appointed successor or duly authorized representative, (United States), UTAH DEPARTMENT OF TRANSPORTATION (UDOT), and JORDAN VALLEY WATER CONSERVANCY DISTRICT (the "District"). Each as party, (the "Party") and together as parties, (the "Parties").

**RECITALS**

**WHEREAS**, on \_\_\_\_\_, 2023 the Parties entered into a \_\_\_\_\_ Project Agreement; and

**WHEREAS**, the United States holds real property interests including, but not limited to Fee Title and easements (Land Interests of the United States), which are acquired for the storage and delivery of water, through the United States Bureau of Reclamation (Reclamation), as part of the Central Utah Project Bonneville Unit; and

**WHEREAS**, the United States owns certain project facilities located on the Land Interests of the United States, including the Jordan Aqueduct, and appurtenant structures and improvements, located in the vicinity of SR-154-Bangerter Highway corridor, (US Facilities); and

**WHEREAS**, UDOT has awarded a contract for the highway project identified as Bangerter Highway at 4700 South, Project No. S-0154(249)17 in Salt Lake County, Utah, which includes work to relocate the U.S. Facilities described in this Agreement (the "UDOT Project"); and

**WHEREAS**, UDOT's design-build contractor ("Design-Builder") will complete the design and administer construction of the UDOT Project, and will relocate, adjust and protect the U.S. Facilities described herein (the "Work"); and



**WHEREAS**, this Agreement is made to set out the terms and conditions whereunder the Work to relocate the U.S. Facilities described herein will be performed.

**NOW, THEREFORE**, for good and valuable consideration, the sufficiency of which is hereby acknowledged, the Parties agree as follows:

## **AGREEMENT**

### **1. Exchange of Easement/Relocation of United States' Facilities**

A. UDOT will grant the United States a perpetual easement and cause its Design-Builder to relocate the U.S. Facilities described in this Agreement into a new easement location at no cost to the United States or the District, as shown in Exhibit "A," attached hereto and incorporated herein. The relocated U.S. Facilities will be functionally equivalent to the existing U.S. Facilities. All Work associated with the relocation will be inspected and approved by the United States and the District. The relocated U.S. Facilities will be owned by the United States and operated and maintained by the District.

B. UDOT will record a Warranty Deed of Easement, upon approval from the United States, for the new easement location in the appropriate Recorder's Office at UDOT's expense and provide recorded copies to the United States and the District before the UDOT Project is complete. An example of an approved Warranty Deed of Easement is included as Exhibit "B" attached hereto and incorporated herein by reference.

C. UDOT hereby agrees to indemnify and hold the United States, its officers, agents, employees, and assigns, and the District, harmless from any and all claims whatsoever for personal injuries or damages to property when such injuries or damages directly or indirectly arise out of UDOT or its Design-Builder's Work; or for any and all loss or damage of every description or kind whatsoever which may result to UDOT from the construction, operation, and maintenance of the Project upon Land Interests of the United States; provided, however, that nothing in this Agreement will be construed as releasing the United States from responsibility for its own negligence. Nothing herein will be deemed to increase the liability of the United States beyond the provisions of the Federal Tort Claims Act, Act of June 25, 1948, 62 Stat. 989 (28 U.S.C. §1346(b), 2671 et seq.) or other applicable law. Nothing in this Project Agreement will be construed as a waiver by UDOT of the provisions of the Governmental Immunity Act of Utah (Utah Code Ann. §§ 63G-7-101 et seq.). UDOT's obligation to indemnify will be limited to the negligence claims allowed by the Federal Tort Claims Act.

UDOT agrees that the United States and the District will not be responsible for any damage caused to the Project or related facilities of UDOT, unless such damage is caused by the negligence of the United States or by its contractors, officers, agents, employees or assigns as determined under the provisions of the Federal Tort Claims Act.

UDOT and the District are both governmental entities subject to the Governmental Immunity Act of Utah. Each party agrees to indemnify, defend, and save harmless the other party from

and against all claims, suits and costs, including attorneys' fees, for injury or damage of any kind, arising out of its negligent acts, errors or omissions and the negligent acts, errors or omissions of its officers, agents, contractors or employees in the performance of this Agreement, and from and against all claims, suits, and costs, including attorneys' fees for injury or damage of any kind. Nothing in this paragraph Agreement is intended to create additional rights to third parties or to waive any of the provisions of the Governmental Immunity Act of Utah. The obligation to indemnify is limited to the dollar amounts set forth in the Governmental Immunity Act of Utah, provided the Act applies to the action or omission giving rise to the protections in this subparagraph. The indemnification in this subparagraph will survive the expiration or termination of this Agreement.

D. Nothing in this Agreement will be construed as releasing or terminating the rights of the United States of America to any easement or portion thereof. The United States, the District and UDOT are working together to identify easements that will be relocated or released with this UDOT Project work. Released easements will be described in forthcoming Release of Easement Documents.

E. Prior to approval of the Warranty Deed of Easement, UDOT must provide to the United States a title commitment and a Phase 1 Environmental Site Assessment, and post recording, a title insurance policy all in accordance with the Regulations of the Attorney General Governing the Review and Approval of Title for Federal Land Acquisitions (2016).

## **2. Scope of Work**

### **JA-3 – Bangerter Highway & 4700 South**

A copy of the detailed United States Work Plan is included in Exhibit “C” attached hereto and incorporated herein.

The following scope of work applies to United States/Reclamation Jordan Aqueduct Reach 3 Waterline:

- A. Abandonment of existing pipeline as shown in Exhibit A, by Quit Claim Deed.
- B. Installation of a new culinary aqueduct pipeline.
  - i. Including a 66-inch welded steel pipeline and associated appurtenances (See Exhibit C)

## **3. Work Schedule**

- A. UDOT will perform Work between June 1, 2023 and March 3, 2024.

## **4. Project Special Provisions**

- A. As part of this UDOT Project, UDOT has granted a deviation from Utah Administrative Code Rule R930-7 Utility Accommodation regarding United States access to facilities within the No Access (NA) Line, as shown on the following sheets:
  - i. As shown in Exhibit “C”.

- B. Notification before beginning Work. The required notification periods as indicated in this section are for the commencing of any Work to allow sufficient time for District to schedule an inspection during the Work.
- i. District maintains an 8:00 a.m. to 4:30 p.m., Monday through Friday work week, not including observed holidays. All Work schedule notifications will be given during the identified time period to JT Cracroft, District's Field Representative at (801) 565-4390 or e-mail [jtc@jvwcd.org](mailto:jtc@jvwcd.org). District requires a minimum of 3 working days' notification prior to beginning weekend and/or night Work.
  - ii. District requires a minimum of 2 working days' notification to schedule an inspection request.
  - iii. District requires a minimum of 14 calendar days' notification prior to beginning Work on or affecting existing U.S. Facilities (including limitations to access to U.S. Facilities).
  - iv. District requires a minimum of 30 calendar days' notification before Work is started on any betterments in order to schedule full-time inspection personnel.

#### **5. Conformance with Utah Administrative Code R930-7**

The design and construction of the Work, and access for future maintenance and servicing of the United States' property located on the right-of-way of the UDOT Project, will be in conformance with Utah Administrative Code R930-7, and any supplements or amendments.

#### **6. Design-Builder to Notify Parties Before Beginning Work and Upon Completion of Work**

The Design-Builder will notify the Parties' Field Representative at least **2 business days** in advance of beginning the Work described in this Agreement. The Design-Builder will give subsequent notifications of when and where the Design-Builder will be performing the Work to the Parties on a day-to-day basis. Such subsequent notifications can be informal. Upon completion of the Work the Design-Builder will provide notification to the Parties' Field Representatives within **2 business days**.

#### **7. Traffic Control and Flagging**

UDOT will provide Maintenance of Traffic and traffic control for the Work at no cost to the United States or the District. Except in the case of emergencies, the Work will be scheduled and comply with the requirements of the Limitation of Operations contained in UDOT's contract with respect to lane closures, peak hour work restrictions, holiday and special event limitations, etc.

#### **8. Discovery of Historical Objects**

UDOT, while engaged in the relocation of the U.S. Facilities, will comply with UDOT's Standard Specifications, Section 01355, Subpart 3.8, Discovery of Historical, Archeological or Paleontological Objects, Features, Sites, or Human Remains.

#### **9. Daily Record Keeping**

UDOT, the District and the United States will each keep daily records of onsite activities. The United States' and the District's daily records will be completed on a form that has been preapproved by UDOT's Contracts, Compliance and Certification Manager. The daily records will be signed by UDOT's Field Representative or their authorized representatives, the District or its authorized representatives and the United States or its authorized representatives. Copies of the daily records will be retained by the Parties to this Agreement. When emergencies occur, requiring the work forces to leave the job, the record keeping will be resumed upon return to the UDOT Project.

#### **10. Inspection**

The District will provide on-call engineering support by an engineer or appropriate representative for design review, schedule coordination, or to correct or clarify issues during the Work, and to perform the necessary inspection on the relocated U.S. Facilities installed by UDOT and its Design-Builder. The United States will also provide an inspector on all Work to be performed within the easement as shown on Exhibit A.

- A. In the event the District or the United States discovers any deficiencies, other than safety deficiencies, in the Work, including any failure to comply with plans and specifications as required above, the District or the United States will make recommendations to UDOT's Project Representative to stop the Work or correct the deficiencies. The District, the United States and UDOT will immediately thereafter meet to determine a plan to bring the Work into compliance. Any such plans to cure will be approved by the District and the United States prior to UDOT or its Design-Builder taking actions pursuant to such plans. The District and the United States may notify UDOT to stop the Work immediately upon discovery of safety deficiencies during Work in progress.
- B. UDOT will accomplish the Work covered herein on the existing and relocated U.S. Facilities in accordance with the plans and specifications provided and/or approved by the United States and the District, including changes or additions to the plans and specifications, which are approved by the Parties hereto.

#### **11. Changes in the Work**

Any proposed changes to the scope of work must be approved by the United States and the District. The Design-Builder will stop work on that specific work until changes to the scope of work are approved to the satisfaction of the United States.

#### **12. Termination of Project**

In the event that the Project is terminated prior to the successful exchange of easements and relocation of the U.S. Facilities, UDOT will be responsible for the removal of its improvements and those of any third-party utilities and return the easement and the U.S. Facilities to its current, preconstruction operating condition.

### **13. Binding**

This Agreement will be binding upon and inure to the benefit of the heirs, successors, and assigns of the Parties hereto, but no transfer or assignment of the privileges or obligations provided for herein will be transferred to others without the express written consent of all the Parties hereto, and any purported transfer to the contrary shall be void.

### **14. Utilities**

The United States will allow UDOT to issue agreements/permits with third-party utilities within the new United States easement. However, it is understood that the third party is required to also obtain the United States consent through Easement Encroachment Agreement and sign a Subordination Agreement from the United States for all encroachments to be within the new easement. If the United States consents to the placement by third parties of utilities within the new easement, the United States shall have the right to modify alignments and depths of those utilities in order to maintain a practical corridor and ensure the protection of U.S. Facilities.

### **15. Contact Information**

UDOT's Resident Engineer is Braden Anderson telephone number (385) 321-1084, and email [banderson@utah.gov](mailto:banderson@utah.gov), or their designated representative, as assigned.

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

Design-Builder's contact person is Jeff Mikell, telephone number (801) 602-0685, and e-mail [jmikell@wwclyde.net](mailto:jmikell@wwclyde.net).

United States' contact person is Ben Woolf, telephone number (801) 379-1083, and e-mail.

United States' Field Representative contact person is Spencer Strand, telephone number (801) 379-1285, and e-mail [sstrand@usbr.gov](mailto:sstrand@usbr.gov).

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

District's Field Representative contact person is JT Cracroft, telephone number (801) 565-4390, and e-mail [jtc@jvwcd.org](mailto:jtc@jvwcd.org).

### **16. Miscellaneous**

- A. The failure of any Party to insist upon strict compliance of any of the terms and conditions, or failure or delay by any Party to exercise any rights or remedies provided in this Agreement, or by law, will not release any Party from any obligations arising under this Agreement.
- B. Each Party agrees to undertake and perform all further acts that are reasonably necessary to carry out the intent and purpose of the Agreement at the request of the other Parties.
- C. This Agreement does not create any type of agency relationship, joint venture, or partnership between UDOT and either the United States or the District.
- D. Each person signing this Agreement has full legal capacity, power, and authority to execute this Agreement for and on behalf of the respective Party and to bind such Party.
- E. If any provision or part of a provision of this Agreement is held invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability will not affect any other provision. Each provision will be deemed to be enforceable to the fullest extent under applicable law.
- F. This Agreement may be executed in one or more counterparts, each of which will be an original, with the same effect as if the signatures were made upon the same instrument. This Agreement may be delivered by facsimile or electronic mail.
- G. Any amendment to this Agreement must be in writing and executed by authorized representatives of each Party.
- H. The terms of this Agreement will survive the grants provided for herein.



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

**Approved for Legal Sufficiency**

\_\_\_\_\_

**Approved for Legal Sufficiency**

\_\_\_\_\_

Title: Utility and Railroad Leader

Date: 9/5/2023

**UDOT Right-of-Way**

Cammie Ewanwick

Title: Director of Project Development

Date: August 30, 2023

**Approved for Legal Sufficiency:**

The Utah State Attorney General's Office has previously approved all paragraphs in this Agreement as to form

**United States Bureau of Reclamation**

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

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

**Jordan Valley Water Conservancy District**

\_\_\_\_\_

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

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

**Utah Department of Transportation**

Title: Project Director

Date: Aug 30, 2023

**UDOT Comptroller Office**

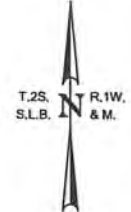
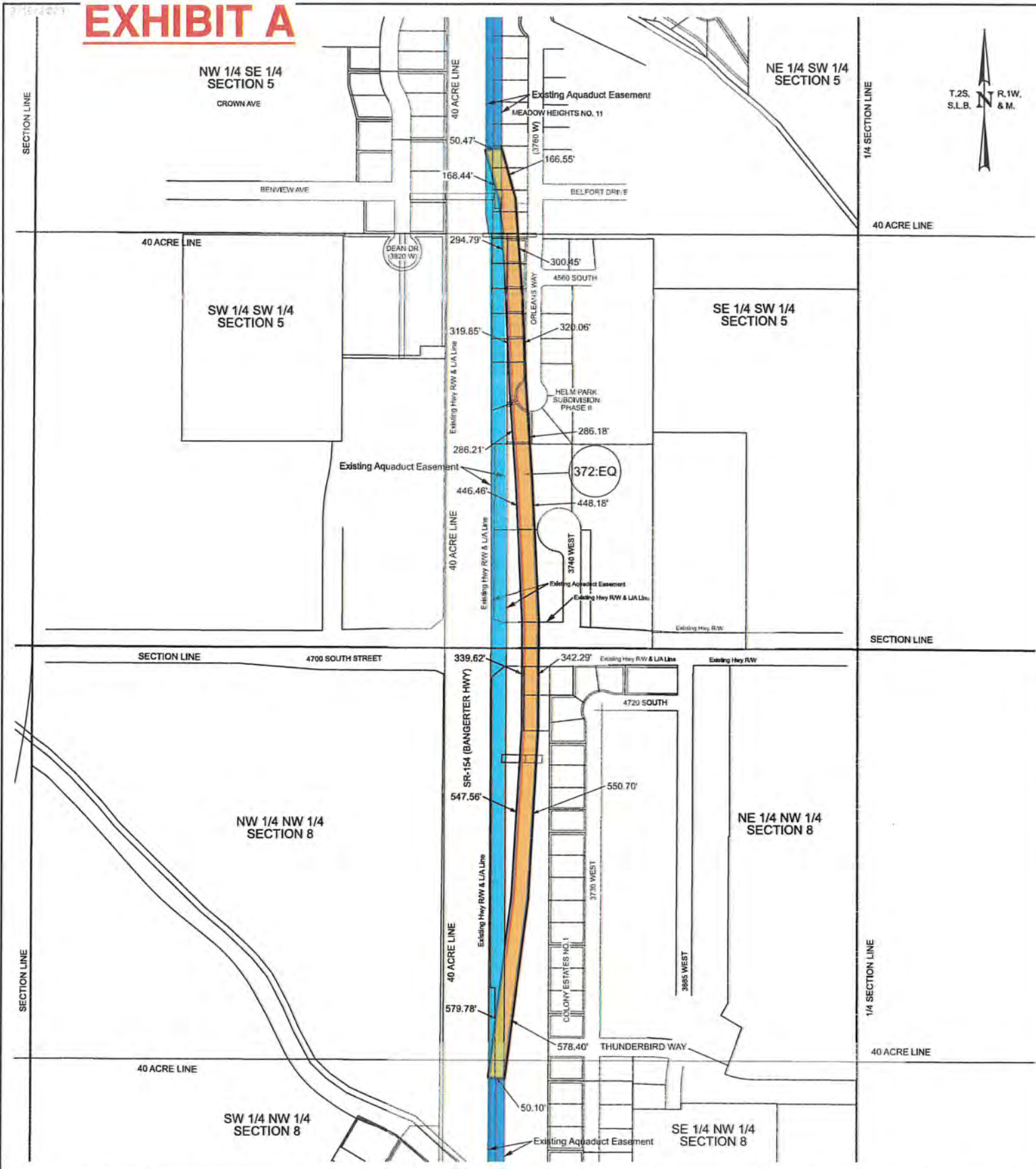
\_\_\_\_\_

Title: Contract Administrator

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



# EXHIBIT A



PARCEL NO.	OWNER	SQ. FT.	NET AC.	EXIST. RW SQ. FT. IN DEED	OWNERSHIP SQ. FT.	REMAINING SQ. FT. LEFT	REMAINING SQ. FT. RIGHT
0154:372:EQ	UDOT DEPARTMENT OF TRANSPORTATION	149,387	3.429				

EXHIBIT NO.	372:EQ	COUNTY	SALT LAKE	PROPERTY OWNER:	UDOT DEPARTMENT OF TRANSPORTATION
PROJECT	BANGERTER HIGHWAY AT 9800 S AND 4700 S			PROPERTY ADDRESS:	4700 WEST 6440 SOUTH
PROJECT NUMBER	S-0154(97)10	PIN NUMBER	16382	<b>UTAH DEPARTMENT OF TRANSPORTATION</b> REGION TWO - AVENUE CONSULTANTS	

# **EXHIBIT B**

WHEN RECORDED, MAIL TO:  
Utah Department of Transportation  
Right of Way, Fourth Floor  
Box 148420  
Salt Lake City, Utah 84114-8420

Bureau of Reclamation

Contract No. **[INSERT CONTRACT NUMBER]**

UDOT PIN No. 16382

Parcel No(s). 0154:372:EQ

Tax ID No. 21-05-330-001, 21-05-330-011, 21-05-330-012, 21-05-330-013, 21-05-330-014,  
21-05-377-033, 21-05-377-034, 21-05-377-035, 21-05-377-036, 21-05-377-037, 21-05-377-038,  
21-05-377-039, 21-05-377-042, 21-05-377-043, 21-08-126-002, 21-08-126-031, 21-08-126-040,  
21-08-126-035, 21-08-126-039, 21-08-126-041, 21-08-126-044

Project No. S-0154(97)10

## **Warranty Deed of Easement**

The UTAH DEPARTMENT OF TRANSPORTATION, Grantor, hereby CONVEYS AND WARRANTS to the United States of America and its assigns, Grantee, acting pursuant to the Act of Congress of June 17, 1902 (32 Stat. 388), and acts amendatory thereof or supplementary thereto, all of which acts are commonly known and referred to as Reclamation Laws, and particularly **[ENTER PROJECT AUTHORITY]**, as amended, for the sum of One Dollar (\$1.00) and other good and valuable consideration, a perpetual easement on and across the following described parcel of land located in Salt Lake County, Utah.

A perpetual easement upon part of an entire tract of property situate in the NE1/4 SW1/4, SE1/4 SW1/4 of Section 5, and the NE1/4 NW1/4, SE1/4 NW1/4 of Section 8, T.2S., R.1W., SLB&M, Salt Lake County, Utah, for the purpose of ingress and egress, incident to the operations needed to lay, construct, re-construct, operate and maintain an underground water pipeline or pipelines and appurtenant structures on the adjacent Bureau of Reclamation pipeline.

The boundaries of said easement are described as follows:

### **SEE EXHIBIT A**

The above-described part of an entire tract contains 3.659 acres.

Grantor shall not construct any structures of a permanent nature or plant any deep-rooted vegetation within the easement. No materials shall be removed or placed upon the easement unless approval is obtained from Grantee. Any future easement to third parties over, under, on, across or through the easement are subject to the rights and approval of Grantee.

Continued on Page 2

Contract No. [INSERT]  
UDOT PIN No. 16382  
Project No. S-0154(97)10  
Parcel No. 372:EQ

This Warranty Deed of Easement is being executed to fulfill terms and conditions set forth in a certain Contract for Land Exchange and Relocation of Facility, Contract No. [INSERT CONTRACT NUMBER].

The acquiring federal agency is the Bureau of Reclamation for the United States of America.

IN WITNESS WHEREOF, said parties have caused this instrument to be executed, this day \_\_\_ of \_\_\_\_\_, A.D. 20\_\_.

UTAH DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_  
Charles A. Stormont Director of Right of Way

ACKNOWLEDGMENT

State of )  
) ss.  
County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_, personally appeared before me, who, being by me duly sworn, did say that they are is the Director of Right of Way of the UTAH DEPARTMENT OF TRANSPORTATION and that said instrument was signed on behalf of the UTAH DEPARTMENT OF TRANSPORTATION by authority of [ENTER AUTHORIZING DOCUMENT] dated on the \_\_ of \_\_\_\_\_ A.D. 20 \_\_, and said Director of Right of Way acknowledged that said UTAH DEPARTMENT OF TRANSPORTATION executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed by official seal the day and year first above written.

(seal)

Notary Public in and for the  
State of  
Residing at  
My commission expires:

## Exhibit A

A perpetual easement situate in the NE1/4 NW1/4 and SE1/4 NW1/4 of Section 8 and the SE1/4 SW1/4 and NE1/4 SW1/4 of Section 5, Township 2 South, Range 1 West, Salt Lake Base and Meridian, in Salt Lake County, Utah. The boundaries of said easement are described as follows:

Beginning at a point in the westerly easement line of the existing Jordan Aqueduct Easement, as acquired by Parcel JA-159(F), said point is 1,501.20 feet S.89°46'00"E. along the section line and 25 feet N.89°50'54"W. to said westerly easement line and 84.26 feet S.00°09'06"W. and 1291.90 feet S.00°14'12"W. along said westerly boundary line from the Northeast corner of said Section 8, and running thence N.07°26'17"E. 579.78 feet; thence N.03°23'10"E. 547.56 feet; thence N.00°14'21"E. 339.62 feet; thence N.02°43'32"W. 446.46 feet; thence N.03°54'24"W. 286.21 feet; thence N.02°26'44"W. 319.85 feet; thence N.04°12'20"W. 294.79 feet; thence N.15°33'40"W. 168.44 feet to a point in the westerly line of said easement; thence N.82°15'14"E. 50.47 feet to a point in the easterly line of said easement; thence S.15°33'40"E. 166.55 feet; thence S.04°12'20"E. 300.45 feet; thence S.02°26'45"W. 320.06 feet; thence S.03°54'23"E. 286.18 feet; thence S.02°43'32"E. 448.18 feet; thence S.00°14'21"W. 342.29 feet; thence S.03°23'10"W. 550.70 feet; thence S.07°26'17"W. 578.40 feet to a point in the easterly line of said easement; thence N.86°09'45"W. 50.10 feet to the point of beginning.

The above described parcel contains 3.429 acres or 149,387 square feet in area.

(Note: Rotate all bearings in the above description 00°0'32" clockwise to obtain highway bearings.)

# **REPORTING ITEMS**

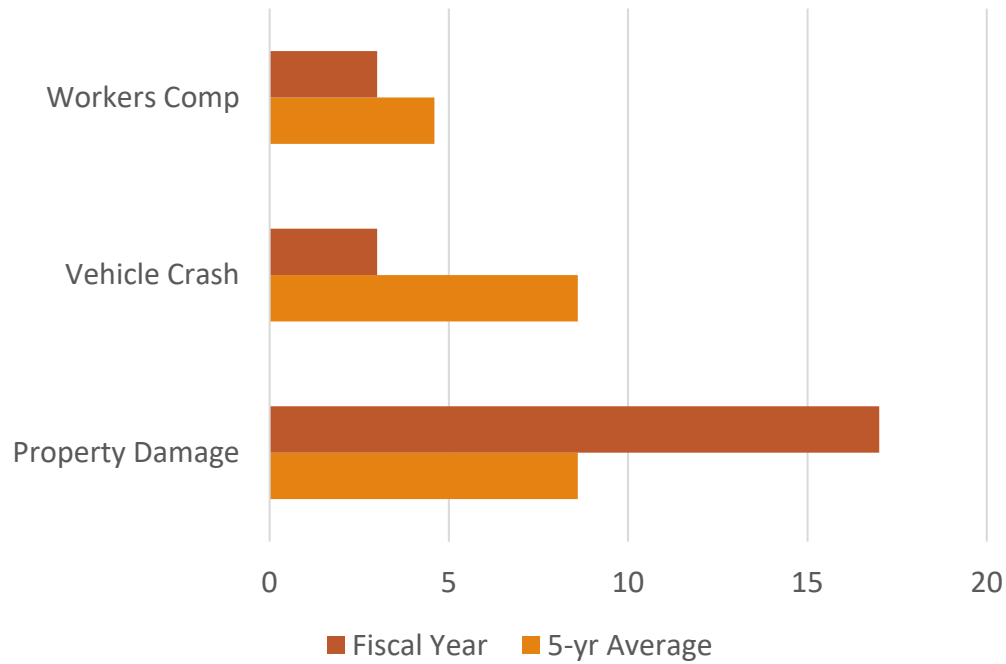
# Loss Claims Report

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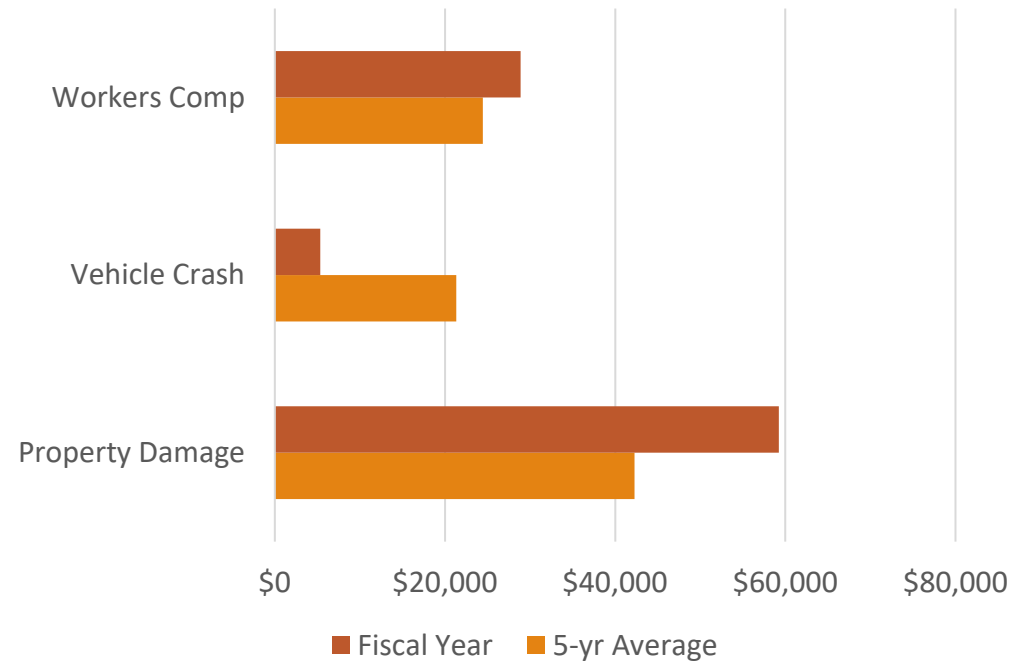
FISCAL YEAR 2022/2023

# Claims Experience (Fiscal Year vs. 5-yr Average)

## CLAIM FREQUENCY

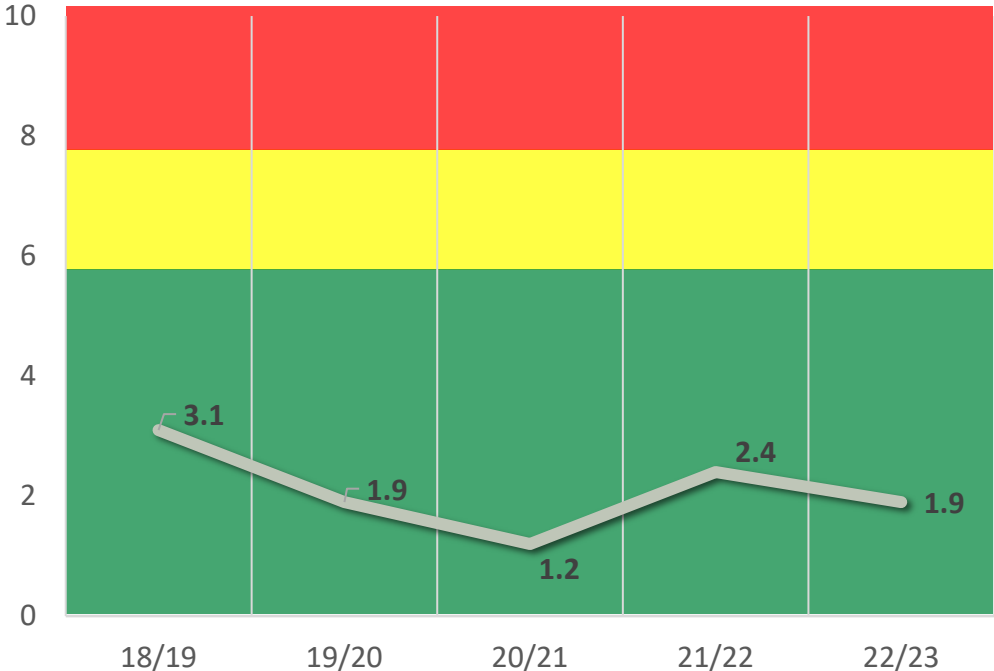


## CLAIM SEVERITY



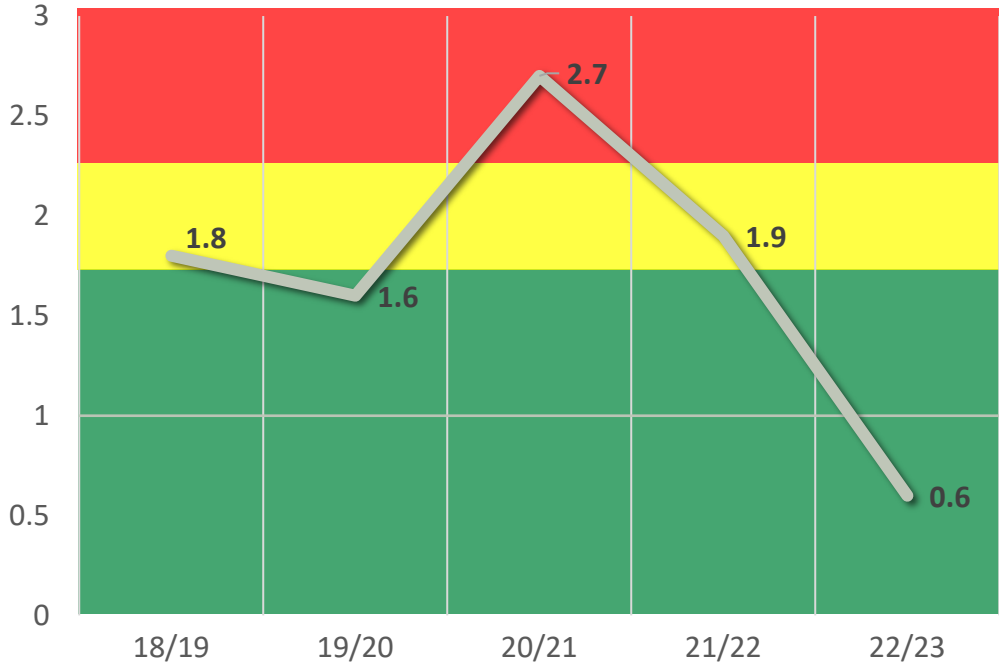
# Performance Indicators

### INJURY RATES



Injury total x 200,000 ÷ by # of Employee Hours Worked

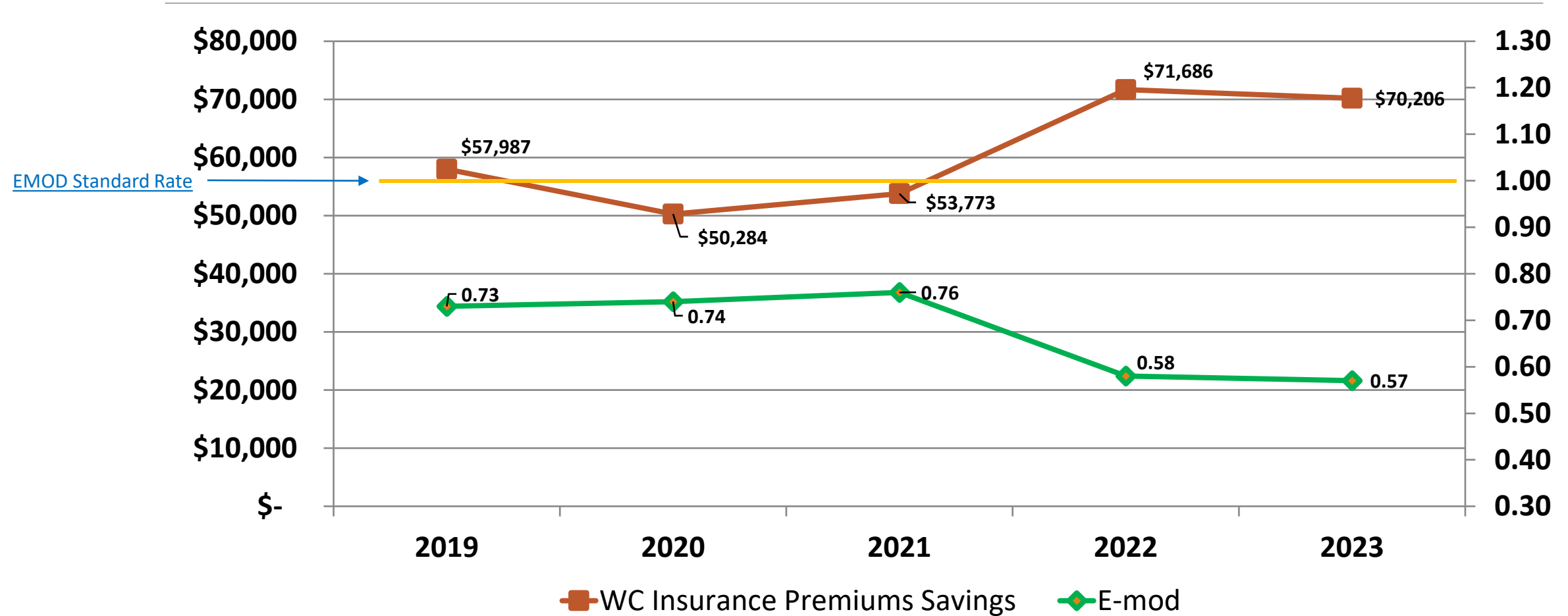
### CRASH RATES



Crash total x 100,000 ÷ by # of Miles Driven



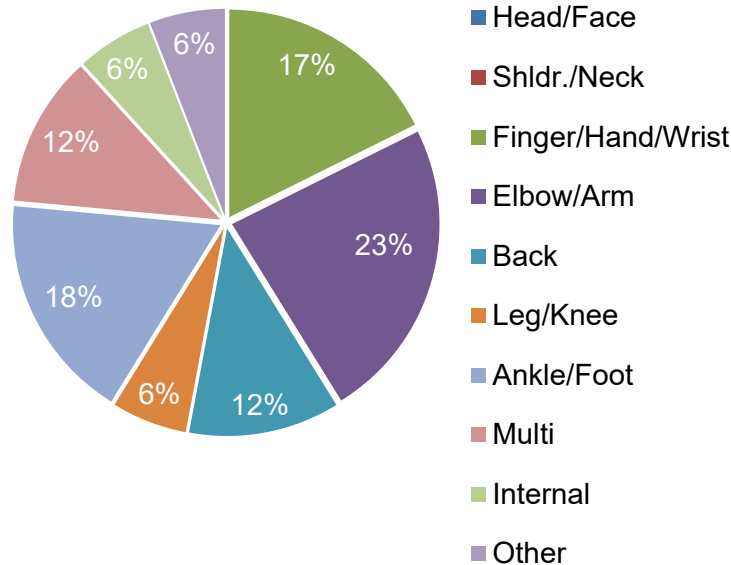
# E-mod & WC Insurance Premiums Savings



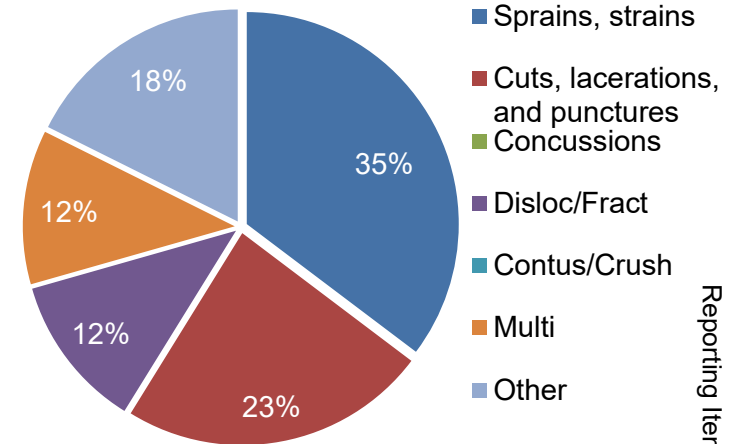
### Workers Compensation Loss Claims

Date	Description	Type	Cost
11/27/22	An employee was injured when he suffered a torn bicep tendon while unloading a propane tank from the back of a service truck.	Torn Tendon	\$28,314
01/18/23	An employee was injured after hopping down from a pipe to close a valve. He landed on a grate that was uneven with the floor, causing his ankle to roll.	Ankle Sprain	\$576
06/15/23	A temp employee was injured after being bitten by a homeowner's dog during a landscape consultation visit. The temp agency's workers' compensation insurance covered the claim.	Laceration	\$0
		<b>3</b>	<b>\$28,890</b>

**Body Part Injured, FY 18/19-22/23**



**Injury Type, FY 18/19-22/23**



### Workers Compensation Loss Claims History

Fiscal Yr	Claims	Cost
2017/2018	4	\$98,213
2018/2019	6	\$10,953
2019/2020	3	\$1,147
2020/2021	5	\$6,644
2021/2022	5	\$5,240
<b>Average</b>	<b>4.6</b>	<b>\$24,439</b>

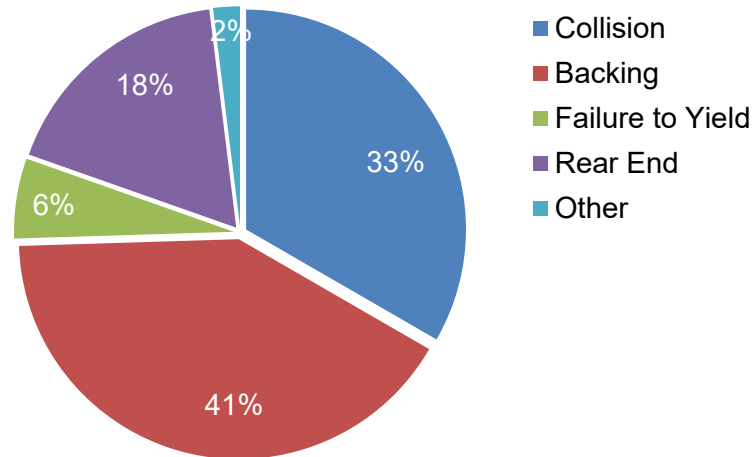
# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## FISCAL YEAR 2022/2023 LOSS CLAIMS REPORT

### Vehicle Crash Loss Claims

Date	Description	Type	Cost
08/09/22	A JVVCD vehicle was damaged after an employee lost control of and tipped a side-by-side after transitioning from a paved road to a dirt road.	Collision	\$1,693
02/03/23	A JVVCD vehicle was damaged after an employee rear-ended an Amazon delivery van. He was able to apply the brakes, making minimal contact with the van. No damage was done to the van, but the district vehicle received some front-end damage.	Rear-end	\$859
05/16/23	A citizen's vehicle was damaged after an employee pulled out too far at an intersection, then backed up, not realizing that the citizen had pulled up behind him. The district vehicle was not damaged in the incident.	Backing	\$2,788
		<b>3</b>	<b>\$5,341</b>

**Crash Type, FY 18/19-22/23**



### Vehicle Crash Loss Claims History

Fiscal Yr	Claims	Cost
2017/2018	9	\$11,222
2018/2019	7	\$33,284
2019/2020	6	\$7,905
2020/2021	10	\$38,760
2021/2022	11	\$15,463
<b>Average</b>	<b>8.6</b>	<b>\$21,327</b>

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## FISCAL YEAR 2022/2023 LOSS CLAIMS REPORT

### Property Damage Loss Claims

Date	Description	Type	Cost
07/06/22	A customer's waterline was plugged due to a broken meter which then pushed debris into their home water line.	Other	\$229
10/11/22	A JVVCD vehicle was stolen after an employee left the vehicle unlocked with the keys in it. The vehicle was recovered two days later with the catalytic converter missing and some minor damage.	Vehicle	\$4,301
11/16/22	A JVVCD vehicle was damaged after an employee bumped into a dump truck while operating an excavator.	Vehicle	\$904
01/03/23	JVVCD property was damaged after a citizen's vehicle crashed into a vault. (Still working on subrogating this cost)	Facility	\$857
01/16/23	JVVCD property was damaged after a citizen's vehicle crashed into a fire hydrant. (Still working on subrogating this cost)	Facility	\$332
03/02/23	JVVCD property was damaged after a vehicle hit a district fire hydrant in a hit and run incident.	Facility	\$4,632
03/08/23	JVVCD property was damaged after a vehicle hit a district fire hydrant in a hit and run incident.	Facility	\$5,425
03/08/23	A JVVCD vault hatch was damaged in an unknown incident. It appears that the damage was caused by a snowplow.	Facility	\$411
03/13/23	Water entered a citizen's property after temperatures warmed up and the snow on the district's property began to melt quickly, running into their backyard. District staff created a berm to stop the flow of water and placed sandbags in their yard to prevent water from reaching their home. The claimants had already purchased some sandbags to channel the water away from the house, which we reimbursed.	Flood	\$51
04/10/23	A JVVCD vault hatch was damaged in an unknown incident It appears that the damage was caused by a snowplow.	Facility	\$2,295
04/10/23	A JVVCD property was damaged after snow accumulated on top of a reservoir and later fell off, damaging the site's perimeter fencing.	Facility	\$1,495

# JORDAN VALLEY WATER CONSERVANCY DISTRICT

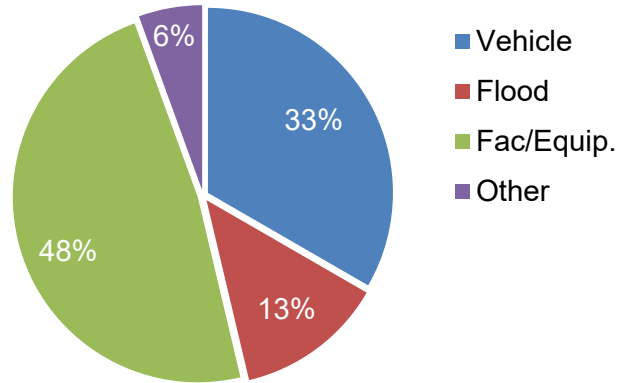
## FISCAL YEAR 2022/2023 LOSS CLAIMS REPORT

05/02/23	JVWCD property was damaged after a vehicle hit a district fire hydrant in a hit and run incident.	Facility	\$250
05/02/23	A JVWCD vehicle was damaged in an unknown incident.	Vehicle	\$424
05/19/23	A JVWCD vehicle was damaged after an employee forgot to retract the tarp on the dump truck before dumping the load, which caused the tarp arms to break.	Vehicle	\$722
06/01/23	A contractor's equipment was damaged in a basin flooding incident at JVWTP. One of the trough joints on the new plate settlers in basin 6 was not sealed properly, requiring the basin to be drained to make the needed repairs. While basin 6 was draining overnight, water entered basin 5 due to a drain valve that was left open, causing flooding in basin 5 where the claimant had equipment.	Flood	\$29,798
06/12/23	JVWCD property was damaged in an unknown incident. A gate that accesses a pipeline right-of-way property was found damaged.	Facility	\$3,088
06/12/23	JVWCD property was damaged after a citizen drove into a power pedestal, air vents, and other equipment. (Still working on subrogating this cost)	Facility	\$4,018
		<b>17</b>	<b>\$59,232</b>

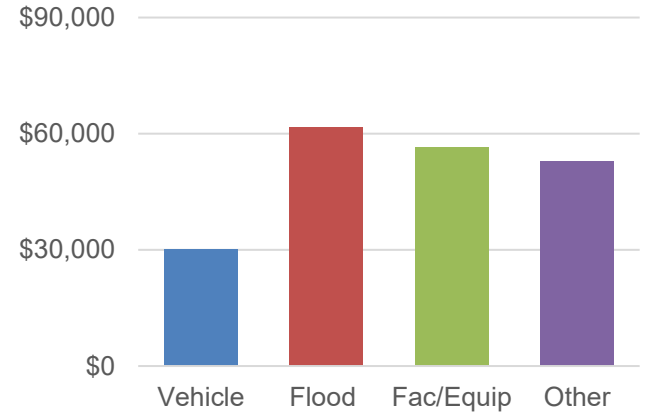
# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## FISCAL YEAR 2022/2023 LOSS CLAIMS REPORT

**Damage Type, FY 18/19-22/23**



**Total Costs, FY 18/19-22/23**



### Loss Claims History

Fiscal Yr	Claims	Cost
2017/2018	6	\$69,672
2018/2019	8	\$39,689
2019/2020	12	\$35,988
2020/2021	9	\$56,127
2021/2022	8	\$9,947
<b>Average</b>	<b>8.6</b>	<b>\$42,285</b>

JORDAN VALLEY WATER CONSERVANCY DISTRICT**REPORT ON DISPOSAL OF SURPLUS PROPERTY  
FOR FISCAL YEAR 2022/2023**

September 13, 2023

Summary: During fiscal year 2022/2023, the District disposed of six (6) vehicles, one(1) tractor, and a variety of used office furniture and maintenance tools. In accordance with the District's Purchasing Policy, a report describing the surplus property sold, the amount received on each sale, whether the property was replaced, and the cost of replacement is below. The District utilized Public Surplus, Inc., which is an online auction service to obtain the maximum compensation for its surplus property.

**2022/2023 Fiscal Year Surplus Report**

DESCRIPTION	# OF ITEMS	ORIGINAL USE	REPLACED WITH	REPLACEMENT VALUE	SALE DATE	SURPLUS PRICE
2008 Chevy 1/2-Ton Reg-Cab 2x4 Pickup 122,989 miles	1	Facilities & Grounds Section	2022 Ford 3/4-Ton Ext-Cab 4x4 Utility Truck	\$48,348	7/7/22	\$10,100
2009 Chevy 1/2-Ton Reg-Cab 4x4 Pickup 123,946 miles	1	Meters Section	2022 Ford 1/2-Ton Ext-Cab 4x4 Pickup	\$37,865	7/7/22	\$11,779
2009 Chevy 3/4-Ton Ext-Cab 4x4 Pickup 132,088 miles	1	Electronics & Instrumentation Section	2022 Chevrolet 3/4-Ton Dbl-Cab 4x4	\$42,905	11/28/22	\$11,600
2009 Chevy 1/2-Ton Reg-Cab 4x4 Pickup 128,040 miles	1	Pipeline Maintenance Section	2022 Dodge 3/4 Ton Reg-Cab 4x4 Pickup	\$35,981	11/28/22	\$8,600
1998 John Deere 460 Tractor	1	Facilities & Grounds Section	2020 Kubota Tractor	\$37,955	11/28/22	\$13,701
2009 Chevy 3/4-Ton Ext-Cab 4x4 Pickup 145,430	1	Electronics & Instrumentation Section	2022 Ford 3/4-Ton Super-Cab 4x4 Utility Truck	\$49,315	4/20/23	\$11,200
2008 Chevy 3/4-Ton 4x4 Pickup 115,160	1	Meters Section	2022 Dodge 1/2 Ton Dbl-Cab 4x4 Pickup	\$39,996	4/20/23	\$11,600

JORDAN VALLEY WATER CONSERVANCY DISTRICT**REPORT ON DISPOSAL OF SURPLUS PROPERTY  
FOR FISCAL YEAR 2022/2023**

DESCRIPTION	# OF ITEMS	ORIGINAL USE	REPLACED WITH	REPLACEMENT VALUE	SALE DATE	SURPLUS PRICE
1990s Sony Dictating Machine, Voice Recorder, and Accessories	1	Administration	Not Replaced (No longer needed)	N/A	3/8/23	\$22
2003 McKlein Leather Rolling Laptop Bag	1	Administration	Not Replaced (No longer needed)	N/A	3/8/23	\$11
2000s Hazel Faux Leather 3-Ring Binders	11	Administration	Not Replaced (No longer needed)	N/A	3/8/23	\$16
1990s Wooden Desk, Countertop, Drawers, and Shelving	2	System Operations Section	2023 Interior Solutions Desk, Drawers, Cabinets	\$6,202	3/8/23	\$100
1980s Wooden Office Desk	1	Facilities & Project Mgt. Division	2023 Interior Solutions Height Adjustable Desk	\$1,894	3/8/23	\$10
1990s Sears/Craftsman 10" Table Saw	1	Equipment Maintenance Section	Not Replaced (No longer needed)	N/A	3/30/23	\$150
2023 Staples 45" x 53" Clear Carpet Chair Mat	1	Facilities & Project Mgt. Division	2023 Floortex 45" x 53" Clear Anti-Static Carpet Chair Mat	\$82	3/30/23	\$10



JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CENTRAL UTAH PROJECT/CUWCD ACTIVITIES REPORT**

The Central Utah Water Conservancy District (CUWCD) Board of Trustees held its monthly meeting on August 23, 2023.

**Items of note from the meeting include:**

- A public hearing regarding CUWCD's 2023-2024 Fiscal Year Budget was held at 1:00 pm just prior to the Board Meeting. No comments were received.

**Engineering & Operations Committee**

- The Board of Trustees approved the Olmstead Power Pooling and Scheduling Agreement with Utah Municipal Power Agency (UMPA). CUWCD receives 30% of the energy produced by the Olmsted Power Plant and is working to have this energy transmitted to its own facilities. This agreement allows CUWCD's 30% allocation to be assigned to UMPA on a temporary basis until CUWCD can arrange to get the power to its own facilities.
- The Board of Trustees approved the renewal of the Alpine Aqueduct Reach 2 Operations and Maintenance Agreement with the City of Orem. Under this agreement Orem, who is the primary user of this portion of the Alpine Aqueduct, is responsible for the operations, maintenance, and replacement of the pipeline. The United States will continue to hold the title.

**Legal & Legislative Committee**

- The Board of Trustees approved an agreement between CUWCD, Provo City Corporation, and the U.S. Department of the Interior pertaining to the Provo City Aquifer Storage and Recovery (ASR) Project addressing various aspects related to water rights, use, and management. The Agreement acknowledges Provo City's water rights under the 1921 Provo River Morse Decree and its other appropriated rights. The Agreement centers on Provo City's commitment to refrain from using water rights under the Decree for the ASR Project during the winter months, addressing concerns related to potential impact to CUWCD's water supply in Jordanelle and Utah Lake. Provo City's endeavors to counteract declining municipal well water levels through the ASR Project are recognized, and the Agreement outlines provisions for the ASR Project's construction, ownership, and operations.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

September 13, 2023

<b>Rental Agreement</b>	<b>Education Center</b>
Event Type:	Staff Party
Rental Terms:	\$820.00
Rental Location:	All Rooms
Renting Party:	Planned Parenthood of Utah
Date of Event:	December 1, 2023



JORDAN VALLEY WATER  
CONSERVANCY DISTRICT

# ATTRIBUTES FOR AN EFFECTIVELY MANAGED DISTRICT

July 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

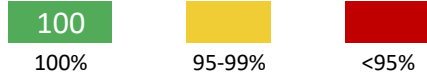
## 10. Stakeholder Understanding & Support

- 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 (%)

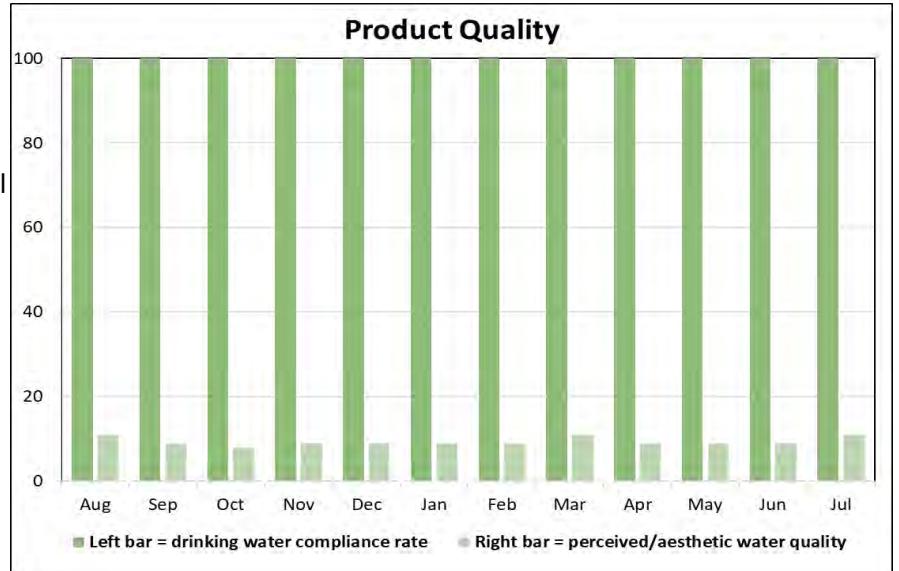


District compliance with all drinking water regulations: (100 x # of days in full compliance for the year) / 365 days.

## Perceived/aesthetic water quality



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



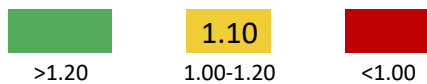
# 2. Water Resource Adequacy

## 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)

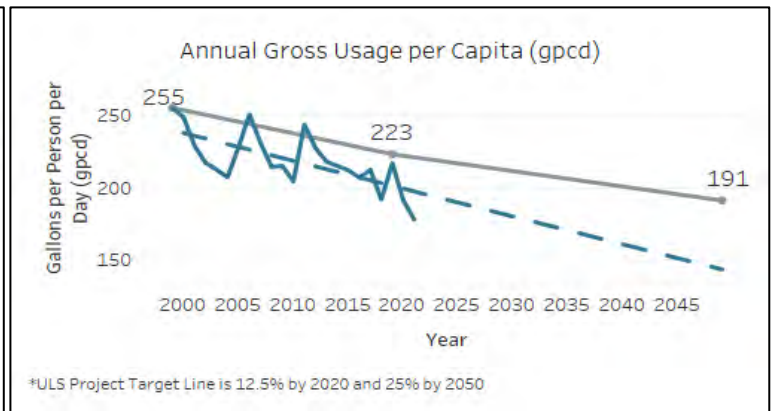
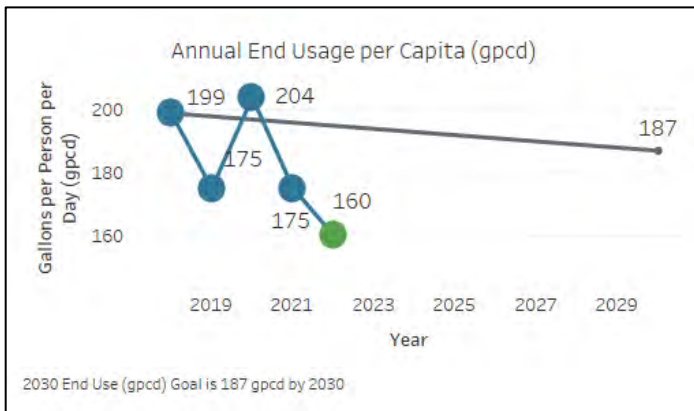
### Water demand management (annual)

X  
gpcd below

gpcd above

Best fit line  
above ULS

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)

97.80  
>95%

94-90%

<90%

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)

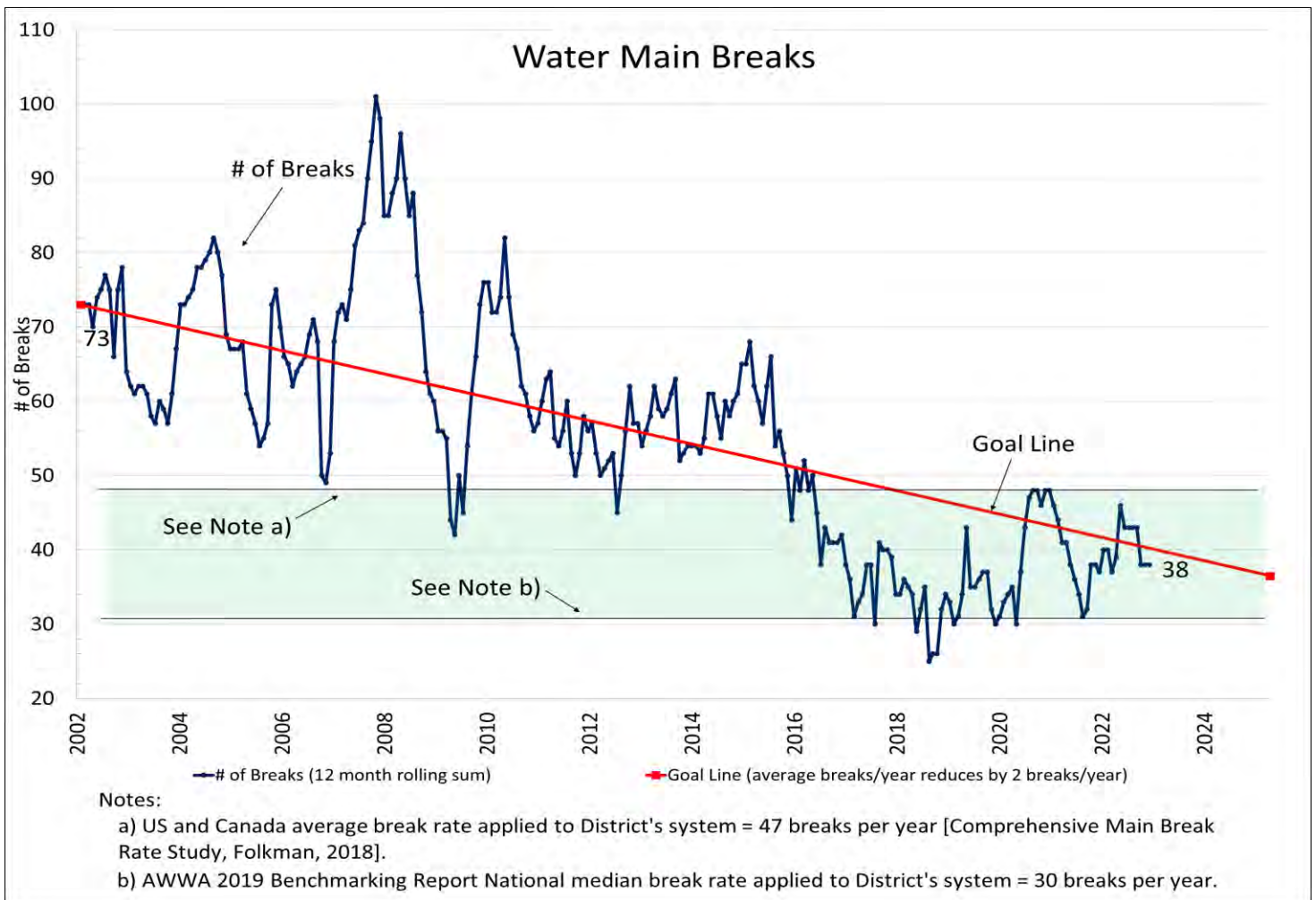
38



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)

96.40

≥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)



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)

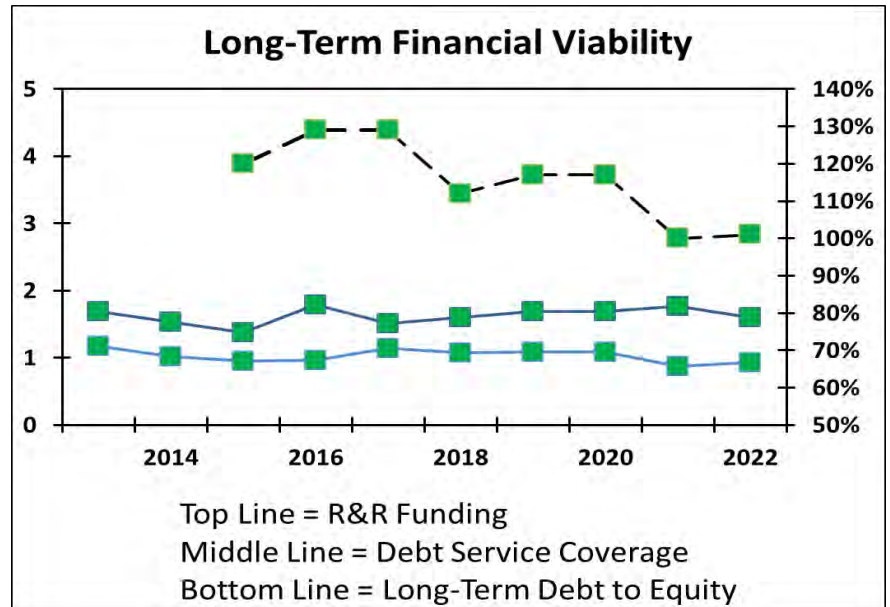


Bond covenant is 1.00; our "healthy" range is anything greater than 1.30.

Long-term debt to equity (annual)

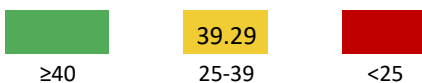


To ensure the District's debt doesn't increase too quickly, this ratio should be less than 1.20.



## 6. Employee & Leadership Development

Employee training hours (12-month rolling average)



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)

1.90

<5.7

5.7-8.0

5.7-8.0

>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)

0.60

<1.80

1.80-2.30

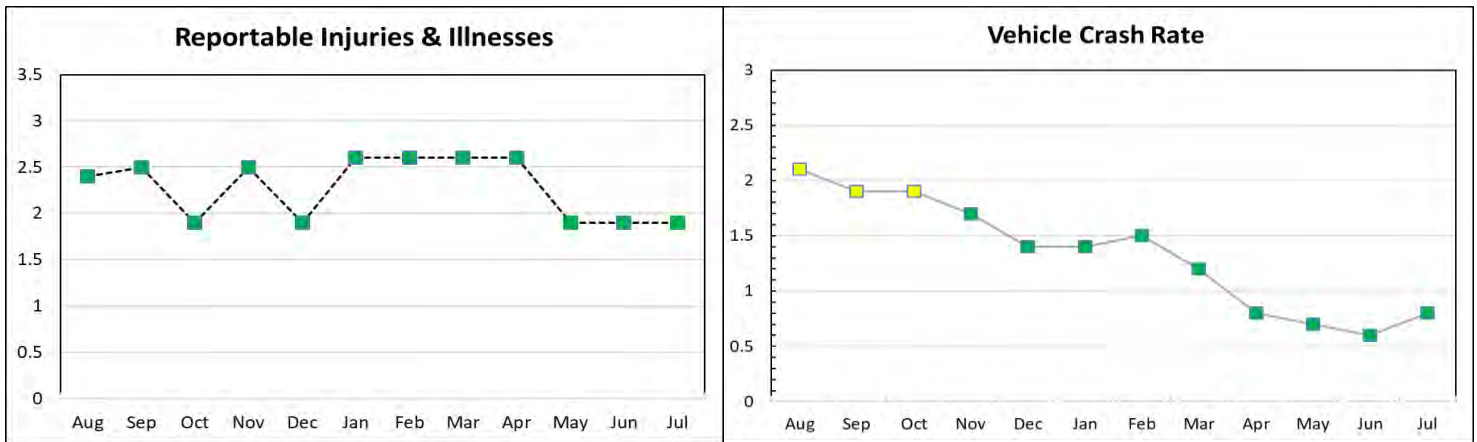
1.80-2.30

>2.30

>2.30

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

- 5 of the 5 incidents were allegedly caused by District employees.



## Emergency response preparedness

X

Both

1

1

Neither

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

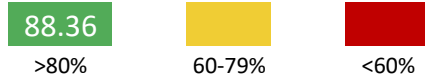
No

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)



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



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

Efficient use of electricity



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



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



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



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



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**  
AUGUST 2023

## Final Project Completion Report

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

**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 included 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**

<b>Consultant: CRSA</b>	<b>Design Status: 100%</b>
Original Consulting Contract Amount:	\$49,377
Final Consulting Contract Amount:	\$53,707

<b>Contractor: Valley Design &amp; Construction</b>	<b>Construction Status: 100%</b>
Original construction contract amount:	\$688,938
Total Change Order amount:	\$14,159
Final construction contract amount:	\$703,097
Total change orders as a percentage of original contract:	2.1%
Completion Schedule:	
Notice to Proceed:	10/7/2022
Final Completion:	8/14/2023

<b>Summary of Change Orders:</b>		
	<b>Description</b>	<b>Amount</b>
1	Install Curb Stop Valve	\$716
2	Painting of Internal Structure	\$5,395
3	Additional Concrete	\$8,048
	Total Change Order Amount:	\$14,159

## Final Project Completion Report



Building South View

Building's Access Doors



Building Interior East End



Building Interior - West End



## Final Project Completion Report

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

**Description:** The prior JA-3 passive cathodic protection system was 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 was installed to replace the existing system. This project installed 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**

<b>Engineer: Infinity Corrosion Group</b>	<b>Design Status: 100%</b>
Original Engineering Contract Amount:	\$18,000
Final Engineering Contract Amount:	\$79,650

<b>Contractor: ICORR Technologies Inc.</b>	<b>Construction Status: 100%</b>
Original construction contract amount:	\$146,200
Total Change Order amount:	\$10,392
Final construction contract amount:	\$156,592
Total change orders as a percentage of original contract:	7.1%
Completion Schedule:	
Notice to Proceed:	3/1/2022
Final Completion:	8/18/2023

<b>Summary of Change Orders:</b>		
	<b>Description</b>	<b>Amount</b>
1	Install power transformer.	\$10,392
	Total Change Order Amount:	\$10,392

## Final Project Completion Report



Drill rig drilling cathodic well



New test station



Pouring new concrete base for well, rectifier, and meter pedestal



Excavated pit for new power transformer



New cathodic rectifier



Finished construction with new transformer, pad, power meter, rectifier, and cathodic well

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
CAPITAL PROJECTS REPORT  
July 14, 2023 - August 11, 2023

**Capital Projects Budget Status Report**

Total FY 2023-2024 Capital Projects Budget (Gross):	\$73,105,650
Budgeted Reimbursements:	(\$11,889,642)
Total FY 2023-2024 Capital Projects Budget (Net):	\$61,216,008
Total FY 2023-2024 Capital Projects Expenditures to Date:	\$3,489,208

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:	\$3,205,145
Water Supply Purchases (No purchases during this period):	
Remaining Balance:	\$3,205,145



JORDAN VALLEY WATER CONSERVANCY DISTRICT  
**CAPITAL PROJECTS REPORT**  
 July 14, 2023 - August 11, 2023

**Project Name and Number: JWTP Elevator Modernization, #4312**

Project Description: The JWTP high-rise elevator underwent an overhaul in 2000-01. After 22 years of continuous service, the elevator is in constant need of repairs and remains out of service for long periods of time. The District is modernizing the elevator to provide reliable equipment and additional years of service. The elevator modernization consists of replacing all the system's worn-out and obsolete components including the electrical parts and controls.

District Project Manager: Marcelo Anglade

Electrical Engineer: VDA, Inc.	Original engineering contract amount:	\$15,060
	Design Status: 0%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$15,060

Contractor: TK Elevator, LLC	Original construction contract amount:	\$322,552
	Construction Status: 0%	
	Substantial Completion Date: n/a	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$322,552
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 contractor is providing submittals for review by the District's consultant.
---

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: Generator Project Phase II, #4311**

Project Description: JWVCD operates several booster stations and wells to provide water deliveries to various pressure zones within its service area. JWVCD's level of service goal is to meet indoor water demands within each pressure zone in the event of an extended valley-wide power outage. This Phase of the generator project will include the evaluation of the existing emergency power generation equipment and pumping capacity within each zone to meet indoor demands and to equip additional critical pumping facilities with standby electric generation equipment to enable delivery of essential indoor water needs following an emergency event which disrupts the electrical power grid. This project was selected to receive up to \$2,870,000 in federal funding.

District Project Manager: Kevin Rubow

Electrical Engineer: AE2S Design Engineer: JWVCD Staff  <u>Additional services authorized since last report:</u> • n/a  Current contract amount:	Original engineering contract amount: \$611,000  Design Status: 0% Construction Management Status: 0%  \$611,000
--	---

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

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

Current Status: The engineering contract was awarded to AE2S at the August Board meeting. District staff are preparing the required documentation to begin the project.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: 2023-2024 Vault Improvement Project, #4320**

Project Description: JWVCD has an ongoing program to replace aging infrastructure in its transmission and distribution system. This project includes the rehabilitation of piping and valves in five vaults and the relocation of an additional vault due to access safety concerns. Rehabilitation of these vaults will provide greater operational flexibility, increase staff safety, and reduce the likelihood of failure at these locations. Project includes three vaults on the 11400 South Pipeline and three vaults near the 4500 South Pipeline.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce, Inc.	Original engineering contract amount:	\$481,972
	Design Status: 1%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$481,972

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: An initial kickoff meeting has been scheduled with District staff and the consultant to go over the requirements of the project.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: SERWTP Bridging Polymer System Improvements, #4284**

Project Description: Bridging polymer is used at the SERWTP to help bind particles in the water to improve removal during the sedimentation process. The existing bridging polymer system is aging, requires frequent maintenance, and replacement parts are difficult to obtain. In addition, the system is undersized and lacks redundancy. This project seeks to replace this aging polymer system with a new system which will provide redundancy and will be sized appropriately to accommodate the plant's needs.

District Project Manager: Conor Tyson

Engineer: AE2S	Original engineering contract amount:	\$49,242
	Design Status: 100%	
	Construction Management Status: 5%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$49,242

Contractor: Corrio Construction	Original construction contract amount:	\$737,043
	Construction Status: 5%	
	Substantial Completion Date: 2/15/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$737,043
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: Preconstruction meeting was held with contractor. First submittals are being reviewed.
--

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: Zone "D" Reservoir Erosion Control Plan, #4204**

Project Description: The Zone "D" reservoir is experiencing erosion damage caused by storm water accumulating on top of the reservoir and creating ruts as it flows down the slopes of the reservoir. This results in the protective cobble and underlying soil to wash down the slopes, plug the drainpipes, and create issues with the roadways, electrical boxes, and vaults on the site. This project seeks to solve these issues by directing water from the reservoir roof deck to four new drainpipes and conveying the water to the on-site storm water conveyance system. Work includes modifications to electrical boxes to prevent damage to electrical equipment in the boxes and the vaults.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce, Inc.  <u>Additional services authorized since last report:</u> • n/a  Current contract amount:	Original engineering contract amount: \$19,100  Design Status: 100% Construction Management Status: 1%  \$19,100
---	---

Contractor: Tribal Construction  <u>Change orders approved since last report:</u> • n/a  Current construction contract amount:  Total change orders as a percentage of original contract:	Original construction contract amount: \$92,127  Construction Status: 1% Substantial Completion Date: 2/14/2024  \$92,127  0%
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<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: The purchase order has been issued and we are working on setting up an initial meeting.



Existing erosion channels on side of reservoir

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: AC Mitigation and Monitoring Project, #4083**

Project Description: Elevated AC voltages have been identified on the 10200 South and 15000 South pipelines. This project will include installation of mitigation equipment to reduce the AC voltage and reduce corrosion risk to the 10200 South pipeline. It will also include the installation of equipment to remotely monitor the AC voltage on the 15000 South pipeline to assess the corrosion risk and to monitor AC voltage limits for personnel safety.

District Project Manager: Kevin Rubow

Engineer: Infinity Corrosion Group	Original engineering contract amount:	\$24,798
	Design Status: 100%	
	Construction Management Status: 5%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$65,438

Contractor: VanCon, Inc.	Original construction contract amount:	\$1,582,000
	Construction Status: 5%	
	Substantial Completion Date: 2/16/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$1,582,000
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: District staff held the pre-construction meeting with the contractor. The contractor is preparing submittals for review and is anticipated to start work in September.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: Comprehensive CIP Development Process, #4319**

Project Description: The Comprehensive Capital Improvements Plan (CIP) Development Process will seek to improve the annual CIP process into a living process which will compile studies and planning documents from across JVVCD into a single place which will increase planning effectiveness, facilitate employee knowledge transfer, and reduce the time required for the creation of the annual CIP. The Comprehensive CIP Development Process consists of three main tasks: 1) Develop a framework for the development of comprehensive capital improvement plan, 2) Implement the comprehensive CIP framework, and 3) Update the JVVCD Supply, Demand, and Major Conveyance Plan to include new demand projection details associated with large annexation areas and a redevelopment project.

District Project Manager: Travis Christensen

Engineer: Brown and Caldwell	Original engineering contract amount:	\$394,000
	Plan Status: 5%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$394,000

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

Current Status: The construction agreement is being completed and a kickoff meeting will be held to get the project underway. JVVCD staff have been meeting with member agencies to acquire their demand projections which will be used in the Study.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
**CAPITAL PROJECTS REPORT**  
 July 14, 2023 - August 11, 2023

**Project Name and Number: 1590 East Well Development, #4281**

Project Description: 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.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce, Inc.	Original engineering contract amount:	\$13,600
	Design Status: 100%	
	Construction Management Status: 73%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$13,600

Contractor: Widdison Well Services, LLC	Original construction contract amount:	\$289,700
	Construction Status: 73%	
	Substantial Completion Date: 11/4/2023	
<u>Change orders approved since last report:</u>		
• Additional Brush and Bail.		\$5,500
Current construction contract amount:		\$295,200
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: Well has been chemically and mechanically developed using a dual swab tool and has reached acceptable sand levels. We are evaluating replacement of the pump, shaft, and column due to high corrosion.



Measuring sand during mechanical development



Corroded shaft and column



JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

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

Project Description: JWCD 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.

District Project Manager: Travis Christensen

Engineer: Hansen, Allen & Luce, Inc.	Original engineering contract amount:	\$390,286
	Design Status: 100%	
	Construction Management Status: 3%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$390,286

Contractor: VanCon, Inc.	Original construction contract amount:	\$893,500
	Construction Status: 3%	
	Substantial Completion Date: 6/1/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$893,500
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 Contractor is procuring materials for the work and is preparing to begin work this Fall.
--

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

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

Project Description: To support growing peak-day demands and enable treatment of the new ULS supply, JWCD is pursuing an expansion of JWTP 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, pre-design 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: 29% Construction Management Status: 0%
<u>Additional services authorized since last report:</u> <ul style="list-style-type: none"> <li>• n/a</li> </ul>	
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> <ul style="list-style-type: none"> <li>• n/a</li> </ul>	
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 engineering consultant is working on 30% pre-design. They have delivered technical memos on ozone, chemical feed improvements, and filter improvements. JWCD staff is reviewing these memos and coordinating this project with other projects at JWTP.



Existing JWTP Backwash Tank



Existing Filter to Waste Piping

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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 re-development and re-installation of the pump and motor to place the well back into service.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen, & Luce, Inc.	Original engineering contract amount:	\$17,600
	Design Status: 100%	
	Construction Management Status: 21%	
<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: 21%	
	Substantial Completion Date: 6/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$156,016
Total change orders as a percentage of original contract:		12%

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

Current Status: The well requires additional cleaning to perform well video to identify any additional breaches in the well casing.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: 95%	
<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: 95%	
	Substantial Completion Date: 8/26/2023	
<u>Change orders approved since last report:</u>		
• DW7 additional well development.		\$29,500
• DW1 well development and new pump cable.		\$74,706
Current construction contract amount:		\$506,476
Total change orders as a percentage of original contract:		29%

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

Current Status: Pump and motor have been reinstalled. Contractor is working out final details prior to re-commissioning the well.



DW7 During Well Development



Aquifer sand removed during development

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: 98%
<u>Additional services authorized since last report:</u>	
<ul style="list-style-type: none"> <li>• n/a</li> </ul>	
Current contract amount:	\$28,387

Contractor: VanCon, Inc.	Original construction contract amount: \$98,400  Construction Status: 98% Substantial Completion Date: 04/15/2023
<u>Change orders approved since last report:</u>	
<ul style="list-style-type: none"> <li>• Door hardware for acoustical door. <span style="float: right;">\$2,736</span></li> </ul>	
Current construction contract amount:	\$101,136
Total change orders as a percentage of original contract:	3%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
<ul style="list-style-type: none"> <li>• n/a</li> </ul>		

Current Status: Project is substantially complete. The acoustical insulation and sound absorbing doors have been installed. Final completion is awaiting acoustical engineering commissioning studies and record drawings. The project has been very successful in reducing sound leaving the room by -20 db to -30 db.



Installed acoustical insulation



Installed acoustical door

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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, Inc.	Original engineering contract amount:	\$992,889
	Design Status: 29%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$992,889

Contractor:	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: The Consultant is preparing the 30% design report for the project. JWCD staff will meet with City of Holladay to discuss the plans for the site and to begin the conditional use permit process.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: JWCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 57%	
<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: 57%	
	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: Contractor is working on pump column adjustments to prepare for installation.
---

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

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

Project Description: The original basins at JWTP (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 JWTP 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.

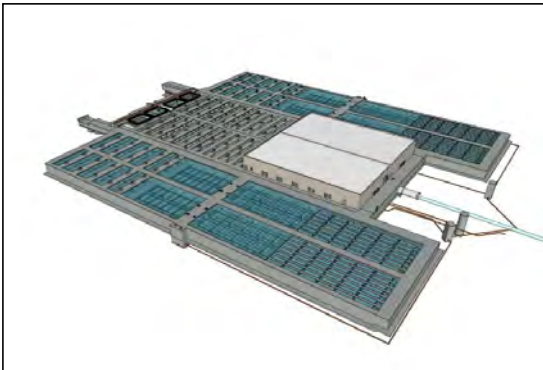
District Project Manager: David McLean

Engineer: Hazen and Sawyer	Original engineering contract amount: \$3,793,948  Design Status: 80% Construction Management Status: 0%
<u>Additional services authorized since last report:</u>	
<ul style="list-style-type: none"> <li>• n/a</li> </ul>	
Current contract amount: \$3,793,948	

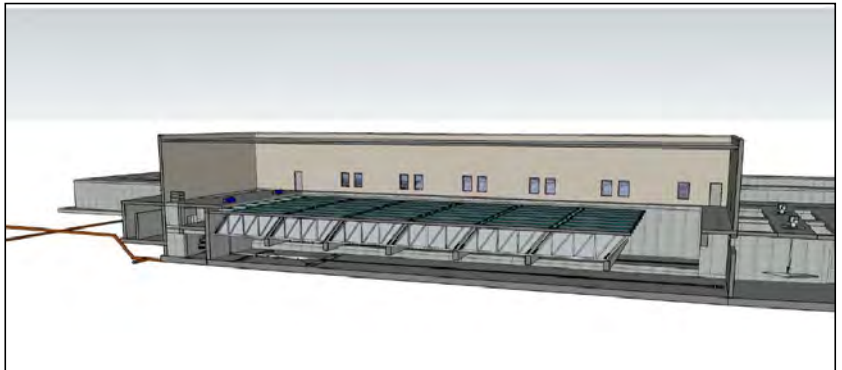
Contractor: n/a	Original construction contract amount: \$0  Construction Status: 0% Substantial Completion Date: n/a
<u>Change orders approved since last report:</u>	
<ul style="list-style-type: none"> <li>• n/a</li> </ul>	
Current construction contract amount: \$0	
Total change orders as a percentage of original contract:	

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
<ul style="list-style-type: none"> <li>• n/a</li> </ul>		

Current Status: The design consultant is working on 90% drawings. JWCD staff is recommending an engineering amendment to include a new pump station with this project for efficiency reasons. JWCD has applied for federal cost sharing as part of the FEMA Building Resilient Infrastructure and Communities (BRIC) program. FEMA has not yet announced grant recipients for 2023. Announcements of successful candidates is expected within 30 days.



Engineering model showing the new sedimentation building



Engineering model showing proposed plate settlers and sludge collection systems inside of the proposed building



JORDAN VALLEY WATER CONSERVANCY DISTRICT  
**CAPITAL PROJECTS REPORT**  
 July 14, 2023 - August 11, 2023

**Project Name and Number: Old Bingham Hwy 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: 100%	
<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: 100%	
	Substantial Completion Date: 7/30/2023	
<u>Change orders approved since last report:</u>		
• Install curb stop valve.		\$716
• Additional Concrete for foundation.		\$8,048
• Painting of internal structure.		\$5,395
Current construction contract amount:		\$703,097
Total change orders as a percentage of original contract:		2%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• Material testing services.	CMT Technical Services	\$5,000
• Storage Shelves.	Grainger	\$6,656

Current Status: The building is substantially complete. The contractor is working on punch list items and close out documents.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: 91%	
<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: 91%	
	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. Contractor is still waiting for delivery of appurtenant items such as new pumps, flue, and valves. It is anticipated that the work will be completed in the coming weeks.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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. JVVCD 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, Inc.	Original engineering contract amount:	\$579,351
	Design Status: 83%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$800,679

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: JVVCD staff provided comments on the site plan and landscape drawings. The consultant is preparing the plans to submit to Sandy City for review.



Turf area to be replaced with water wise landscaping with equipping of the well

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

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

Project Description: Construct two 5 million gallon concrete reservoirs 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 Engineering Group, Inc.  <u>Additional services authorized since last report:</u> • n/a	Original engineering contract amount: \$1,597,529  Design Status: 60% Construction Management Status: 0%  Current contract amount: \$1,597,529
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Contractor: n/a  <u>Change orders approved since last report:</u> • n/a  Current construction contract amount:  Total change orders as a percentage of original contract:	Original construction contract amount: \$0  Construction Status: 0% Substantial Completion Date: n/a  \$0
--	--

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

Current Status: The consultant has submitted the 60% design drawings and specification for JWCD review.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: 100%	
	Construction Management Status: 1%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$272,960

Contractor: Viking Industrial Painting, Inc.	Original construction contract amount:	\$1,896,925
	Construction Status: 1%	
	Substantial Completion Date: 6/01/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$1,896,925
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 Board awarded a construction contract to Viking Industrial Painting, Inc. at the July Board meeting. Contractor is providing submittals and has mobilized to the site.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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. JVVCD 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: 39%	
<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: 39%	
	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: Project is on hold until brass parts arrive for contractor to complete work. Parts not expected before November.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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 JVVCD 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>		
• SERWTP HVAC software upgrade.		\$8,379
Current construction contract amount:		\$220,612
Total change orders as a percentage of original contract:		7%

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

Current Status: The project is substantially complete. The contractor has completed controls integration. An updated software contract is being processed to provide an updated connection. The contractor is still trying to modify the flue to comply with City inspector's requirements. The project will be complete once this work is completed and JVVCD receives the closing documents.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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: JWCD Staff	Original engineering contract amount:	n/a
	Design Status: 100%	
	Construction Management Status: 69%	
<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: 69%	
	Substantial Completion Date: 6/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$2,011,936
Total change orders as a percentage of original contract:		2%

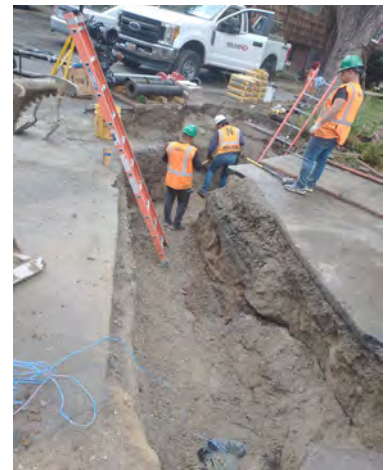
<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
• n/a		

Current Status: Waterlines and connections on Redmaple, 3720 South, and 3680 South are complete. Paving complete on Redmaple. Project awaits paving on 3720 South and 3680 South and completing work on Empire. Completion estimated in late September.



New driveway approaches and park strips over new pipeline on Redmaple Dr.

Installing waterlines to connect to 4-inch meter vault at apartment complex





JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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, Inc.	Original engineering contract amount:	\$194,494
	Design Status: 100%	
	Construction Management Status: 60%	
<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: 60%	
	Substantial Completion Date: 5/7/2023	
<u>Change orders approved since last report:</u>		
• n/a		
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 has begun the mechanical development work at the Etienne Way well. This well has a total depth of 1,040 feet with 280 feet of well screens. The work at the 7618 South 700 East and 987 East 7800 South sites are complete.



Setting up development equipment



Bailing material from the well

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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, and West Jordan.

District Project Manager: Travis Christensen

Engineer: Bowen, Collins & Associates, Inc.	Original engineering contract amount:	\$940,526
	Design Status: 100%	
	Construction Management Status: 5%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$940,526

Contractor: Ralph L. Wadsworth Construction	Original construction contract amount:	\$15,522,920
	Construction Status: 5%	
	Substantial Completion Date: 5/1/2025	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$15,522,920
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 Contractor has begun excavation for the new reservoir. Soil from the high side of the site is being moved to the low side of the site to compact the soil in preparation for the new reservoir. Excavation will continue for the next month.



Excavation of the new reservoir site

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: JWTP 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 JWTP 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: 98%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$444,465

Contractor: VanCon, Inc.	Original construction contract amount:	\$20,700,000
	Construction Status: 98%	
	Substantial Completion Date: 6/5/2024	
<u>Change orders approved since last report:</u>		
• Access road on north side of basin 3.		\$3,995
Current construction contract amount:		\$20,784,663
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: Plate settlers are in operation. Settled water quality has been increased by two thirds (1 ntu vs. 3 ntu). Influent turbidities have dropped off significantly since their peak during spring season runoff. The plates are functioning as designed. Performance testing is scheduled for later this month.



Inclined plate settlers installed and functioning in basins 5 and 6



Inclined plate settlers installed and functioning in basin 3

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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 JVVCD 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: 86%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,194,719

Contractor: VanCon, Inc.	Original construction contract amount:	\$10,437,000
	Construction Status: 86%	
	Substantial Completion Date: 4/1/2024	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$10,578,143
Total change orders as a percentage of original contract:		1.4%

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

Current Status: The Contractor has begun grading of the site for landscaping. Concrete curbing has been installed around the reservoir along with a roadbase maintenance road around the reservoir. The Contractor is also installing the platforms around the pumps and motors which will be used for future maintenance.



Installation of the platforms around the pumps and motors



New roadbase maintenance road around the reservoir

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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, Inc.	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 finalizing the condition report for the Southeast Collection Line. The line is in fair condition and the report will outline areas which require monitoring and repair.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 2023

**Project Name and Number: 3300 South Pipeline Replacement Project - Phase 1, #4190**

Project Description: Design and construction management of a new 12-inch pipeline along 3300 South from 1100 West to 500 West to replace an aging cast iron pipe installed in 1956 that has had multiple pipeline breaks.

District Project Manager: Kevin Rubow

Engineer: Bowen, Collins & Associates, Inc.	Original engineering contract amount:	\$388,773
	Design Status: 100%	
	Construction Management Status: 60%	
<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: 60%	
	Substantial Completion Date: 8/18/2023	
<u>Change orders approved since last report:</u>		
• Utility conflicts within the pipeline alignment.		\$8,200
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 installing four hydrants for the pipeline segment between 500 West and 650 West. Following the hydrant installation, this segment will be pressure tested and water samples will be collected prior to connecting services to the new pipeline.



Installing ¾" service lateral

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
**CAPITAL PROJECTS REPORT**  
 July 14, 2023 - August 11, 2023

**Project Name and Number: 3300 South Pipeline Replacement Project - Phase 2, #4190**

Project Description: Design and construction management of a new 12-inch pipeline along 3300 South from 500 West to State Street to replace an aging cast iron pipe installed in 1956 that has had several pipeline breaks. The pipeline installation will include open-cut and trenchless installation methods to cross I-15 and railway corridors. The project was divided into multiple bid schedules and the project will be completed by two separate contractors. 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, Inc.	Original engineering contract amount:	Incl. w/ Phase 1
	Design Status: 100%	
	Construction Management Status: 10%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		Incl. w/ Phase 1

Schedule A Contractor: VanCon, Inc.	Original construction contract amount:	\$1,765,300
	Construction Status: 10%	
	Substantial Completion Date: 11/11/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$1,765,300
Total change orders as a percentage of original contract:		0%

Schedule B&C Contractor: Beck Construction	Original construction contract amount:	\$6,914,355
	Construction Status: 10%	
	Substantial Completion Date: 11/15/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$6,914,355
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: Beck Construction successfully sliplined 1,250 feet of 12-inch HDPE pipe within an abandoned 16-inch waterline and is preparing to install cellular grout to fill the annular space of the host pipe. VanCon is potholing utilities to confirm the alignment for the directional drill along 3300 South beneath the I-15 corridor.

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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 Design Engineer: JWCD Staff	Original engineering contract amount: \$611,000  Design Status: 100% Construction Management Status: 99%
<u>Additional services authorized since last report:</u>	
<ul style="list-style-type: none"> <li>• n/a</li> </ul>	
Current contract amount:	\$611,000

Contractor: Corrio Construction	Original construction contract amount: \$823,866  Construction Status: 99% Substantial Completion Date: 5/8/2022
<u>Change orders approved since last report:</u>	
<ul style="list-style-type: none"> <li>• n/a</li> </ul>	
Current construction contract amount:	\$855,788
Total change orders as a percentage of original contract:	4%

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
<ul style="list-style-type: none"> <li>• n/a</li> </ul>		

Current Status: The project is substantially complete. Excessive vibration was identified on the fan motor of the new air handling unit. Trane technicians have removed the fan motor and shipped it to the factory to make the necessary repairs. The contractor is preparing O&M manuals and completing punch list items identified by District staff to finish the project.



JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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, Inc.  <u>Additional services authorized since last report:</u> • n/a	Original engineering contract amount: \$198,872  Design Status: 100% Construction Management Status: 81%
Current contract amount:	\$510,322

Contractor: Corrio Construction, Inc.  <u>Change orders approved since last report:</u> • n/a	Original construction contract amount: \$1,645,588  Construction Status: 81% Substantial Completion Date: 6/28/2023
Current construction contract amount:	\$1,680,947
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 roof on the chemical building has been installed and most of the conduits and electrical boxes have been installed. The chemical feed equipment is being installed with all the piping.



The chemical feed building with sidewalk, roof, and chemical tanks installed



Installing buried electrical conduits and electrical pull boxes

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
 CAPITAL PROJECTS REPORT  
 July 14, 2023 - August 11, 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. JVVCD is heading up a stakeholder group consisting of local municipalities, sewer, and water districts to identify potential reuse projects.

District Project Manager: Jacob Young

Engineer: Bowen, Collins & Associates, Inc.	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  
 July 14, 2023 - August 11, 2023

**Normal Capital Improvements**  
 Various small miscellaneous improvements.

<u>Fund Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
<b>Project Name and Number:</b> • Engineering design for vault fencing.	<b>11800 South 5600 West Land Purchase/Subdivision, #3698, Travis Christensen</b> Perigee Consulting	\$5,000
<b>Project Name and Number:</b> • Installation of poles and lights fixtures. • Admin building landscape curbing.	<b>Headquarters Campus Site Improvements, #3910, Marcelo Anglade</b> Infinity Electrical, Inc. Alpine Curbing	\$21,410 \$2,900
<b>Project Name and Number:</b> • Well disinfection.	<b>8518 S 960 E Well Disinfection, #4236, Kevin Rubow</b> Widdison Well Services	\$10,300
<b>Project Name and Number:</b> • Communication equipment at 3 sites. • RFU Dish Supply and Installation.	<b>Microwave Equipment, #4298, Marcelo Anglade</b> Peak Mobile Communications	\$17,382 \$2,313
<b>Project Name and Number:</b> • Vault design services.	<b>32&amp;62 Suction Vault Improvements, #4322, Kevin Rubow</b> David Evans & Associates	\$58,400
<b>Project Name and Number:</b> • Meter setters and connections.	<b>2024 Distribution Pipeline Replacements, #4323, Conor Tyson</b> Mountainland Supply Company	\$50,000
<b>Project Name and Number:</b> • SERWTP roof and windows leak repairs.	<b>Filter Gallery Roof Repairs, #4324, Marcelo Anglade</b> The Garland Company	\$31,804
<b>Total Capital Project Approvals (Active Projects)</b>		<b>\$77,578,184</b>

# **REPORT ON MEDIA COVERAGE**

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**REPORT ON MEDIA COVERAGE TONE**

September 13, 2023

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

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

1. **Neutral** – Smith, H. (August 2, 2023) *Be Water Wise: Water doesn't come from mystical sources - know your water supply*. ABC4 News. <https://www.abc4.com/news/be-water-wise/be-water-wise-water-doesnt-come-from-mystical-sources-know-your-water-supply/>.  
Article about where our water supply comes from. The article describes water basins, reservoirs, and future water planning, and shows photos of some of JVVCD's infrastructure (Olmsted Diversion and the Weber/Provo Diversion).
2. **Positive** – Smith, H. (August 9, 2023) *Be Water Wise: To plant or not to plant, that is the question*. ABC4 News. <https://www.abc4.com/news/be-water-wise/be-water-wise-to-plant-or-not-to-plant-that-is-the-question/>.  
Article about the benefits of plants, even in an arid environment. The article mentions Conservation Garden Park as a learning resource and quotes Shaun Moser (JVVCD staff) talking about water-wise landscaping.
3. **Positive** – Press Release (August 15, 2023) *Perfume Punk's President, Mark Mason Taylor Honored with Rising Star Award by American Rose Society*. Digital Journal. <https://www.digitaljournal.com/pr/news/prunderground/perfume-punk-s-president-mark-mason-taylor-honored-with-rising-star-award-by-american-rose-society>.  
Press release about a local gardener winning a national award. The press release mentions Conservation Garden Park's rose trial plots as integral to the gardener's success.
4. **Neutral** – Smith, H. (August 16, 2023) *Be Water Wise: Utah Water Savers, changing landscapes and minds*. ABC4 News. <https://www.abc4.com/news/be-water-wise/be-water-wise-utah-water-savers-changing-landscapes-and-minds/>.  
News article about Utah Water Savers. The article discusses the different water conservation programs, and also mentions the 2023 ad campaign, "Grass Doesn't Belong Everywhere".

5. **Neutral** – Smith, H. (August 23, 2023) *Be Water Wise: Planners have been 50 years ahead of the flow*. ABC4 News. <https://www.abc4.com/news/be-water-wise/be-water-wise-planners-have-been-50-years-ahead-of-the-flow/>.

News article about water planning and how it is done on a 50-year horizon. The article talks about water districts' long-term plans for supplying water to a growing population and dealing with climate change and drought. The article quotes Alan Packard (JWCD staff) discussing the importance of conserving now for future generations.

# **MEDIA COVERAGE**

# Utah trust offers \$10M in grant funds as it seeks to improve Great Salt Lake's hydrology

**Editor's note:** 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.

**SALT LAKE CITY** — Utah's new Great Salt Lake Watershed Enhancement Trust is now getting to work, releasing up to \$10 million in grant funds for projects that will "protect or restore wetlands and habitats" of the troubled lake.

The trust, which was officially established in January after the Utah Legislature set aside \$40 million to create it last year, began accepting applications on July 19. It's seeking to find and fund restoration ideas or concepts that will benefit the lake's hydrology.

"This is a big step forward in advancing the goals of the Great Salt Lake Watershed Enhancement Trust," said Utah Division of Forestry, Fire and State Lands deputy director Ben Stireman in a statement Thursday. "We are thrilled to see this funding become available for the preservation and protection of wetlands, which play a critical role in lake and ecosystem health."

State and local agencies, tribal governments, nongovernment organizations, private landowners/entities and higher education institutions are all considered eligible to submit proposals, according to the trust's website. It adds that projects can have multiple partners, though only one entity can be considered a lead applicant.

Organizations can submit more than one project for

consideration; however, there's no guarantee that a project will be fully or partially funded because of the \$10 million cap, officials add.

All projects must be within the surrounding Great Salt Lake ecosystem, which includes areas within 7 miles of the Great Salt Lake's meander line. Projects outside of the 7-mile line can still be eligible if the applicant can demonstrate that the project either protects or restores "the hydrological and ecological function" of wetlands that flow into the lake.

"Wetlands associated with (the) Great Salt Lake are essential to the lake's health and play an important role in connecting water flows and habitats that benefit the hydrology of the lake and the well-being of our communities as we look to the future," said Marcelle Shoop, executive director of the Great Salt Lake Watershed Enhancement Trust.

— Carter Williams

## KSL-TV

- Watch KSL TV news each day beginning at 4:30 a.m., at noon, 5, 6 and 10 p.m.



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# Biden goes west to talk about climate change efforts

**ASSOCIATED PRESS**

WASHINGTON — President Joe Biden will travel to Arizona, New Mexico and Utah next week and is expected to talk about his administration's efforts to combat climate change as the region endures a brutally hot summer with soaring temperatures, the White House said Monday.

Biden is expected to discuss the Inflation Reduction Act, America's most significant response to climate change, and the push toward more clean energy manufacturing. The act aims to spur

clean energy on a scale that will bend the arc of U.S. greenhouse gas emissions.

July has been the hottest month ever recorded. Biden last week announced new steps to protect workers in extreme heat, including measures to improve weather forecasts and make drinking water more accessible.

Members of Biden's administration also are fanning out over the next few weeks around the anniversary of the landmark climate change and health care legislation to extol the administration's suc-

cesses as the Democratic president seeks reelection in 2024.

Vice President Kamala Harris heads to Wisconsin this week with Commerce Secretary Gina Raimondo to talk about broadband infrastructure investments. Secretary of Agriculture Tom Vilsack goes to Oregon to highlight wildfire defense grants, Transportation Secretary Pete Buttigieg will go to Illinois and Texas, and Secretary of Education Miguel Cardona heads to Maryland to talk

Please see **BIDEN**, Page A6



President Joe Biden leaves St. Edmund Roman Catholic Church in Rehoboth Beach, Del., after attending a Mass on Saturday.

**MANUEL BALCE CENETA,**  
ASSOCIATED PRESS

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# Biden

From A1

about career and technical education programs.

The Inflation Reduction Act included roughly \$375 billion over a decade to combat climate change and capped the cost of a month's supply of insulin at \$35 for older Americans and other Medicare ben-

eficiaries. It also helps an estimated 13 million Americans pay for health care insurance by extending subsidies provided during the coronavirus pandemic.

The measure is paid for by new taxes on large companies and stepped-up IRS enforcement of wealthy individuals and entities, with additional funds going to reduce the federal deficit.

## STREET MURALS » SIGHTS TO SLOW DOWN FOR



LEAH HOGSTEN | *The Salt Lake Tribune*

Kelbe Goupil, left, Tessa Cramer and Jeremy King paint the asphalt last week on Emery Street at the crosswalk in front of Park View Elementary School.

# How Jordan River flow inspired neighborhood's latest safety feature

Three new street murals are part of an effort to encourage drivers to hit the brakes.

By ALIXEL CABRERA

*The Salt Lake Tribune*

Three Glendale crosswalks became a canvas for paintings of the Jordan River and natural features around the Salt Lake Valley.

White, orange and different shades

of blue representing the neighboring salt flats, the sun, the mountains and the river now pop on the roads, just as this west-side community planned it.

Residents hope the colorful paintings will inspire drivers to pump the brakes and take in the sights.

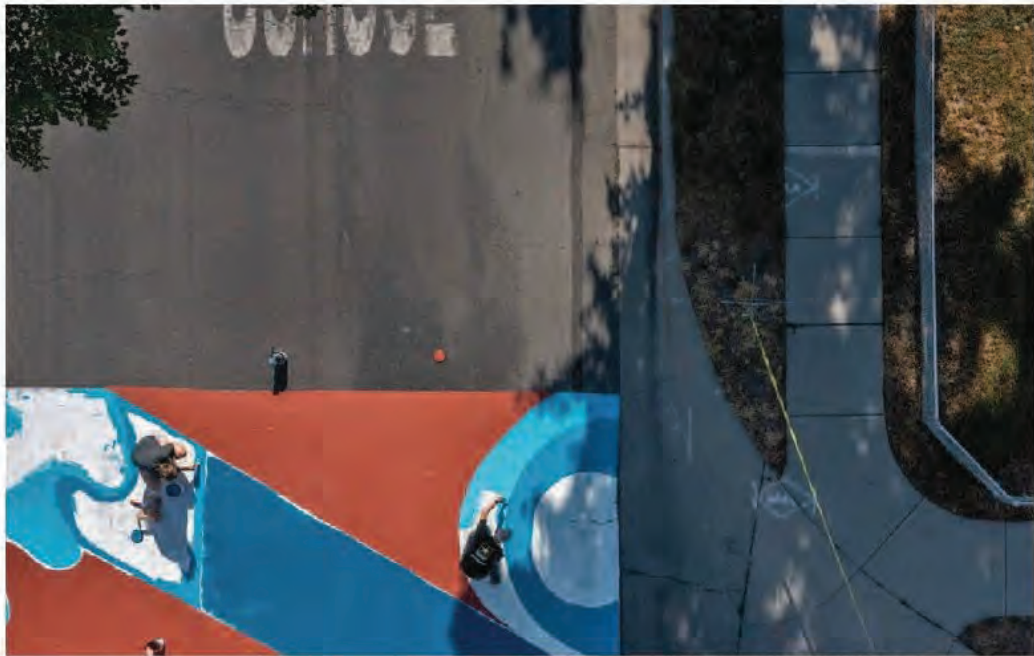
"The goal of the murals was to really slow down traffic," said Glendale Neighborhood Council Chair Turner Bitton, "and create a temporary project that can kind of demonstrate the need for more investments

in infrastructure."

The three street murals, painted late last month, can be spotted on Glendale Drive near the Dual Immersion Academy, on Emery Street near Parkview Elementary School, and on Fremont Avenue near 800 West — areas that Bitton said see frequent foot traffic from students and seniors.

"Obviously, permanent infrastructure investments are better," he said, "but there is good evidence that public

Please see **MURAL, A6**



PHOTOS BY LEAH HOGSTEN | The Salt Lake Tribune

A mural near Park View Elementary School on Emery Street is one of three murals inspired by the desert, Wasatch Mountains and the Jordan River.

## Mural

Continued from A1

artwork of all kinds, and that includes street trees, lighting, different things like that, all contribute to safer streets.”

Artist Kelbe Goupil and volunteers from the community braved the July heat to finish the artwork. Goupil, who is also a Glendale resident, designed the murals and led the effort to paint them.

She came up with the idea for the paintings when she thought about how the Jordan River flows through Glendale, and designed the murals to represent the distinctive natural features that surround her community.

“They’re just abstract representations of Glendale and Salt Lake City,” she said, “being situated in between the desert to the west and mountains to the east.”

The hope is that the paintings will be a visual cue for drivers to take it easy, and there is at least some evidence to suggest that street murals are effective in doing that.

A 2022 report from Bloomberg Philanthropies that analyzed crash data and driver and pedestrian

behavior at 17 sites across the country with similar murals linked asphalt art with improved safety.

“At unsignalized intersections,” the study states, “there was a greater frequency of drivers immediately yielding to crossing pedestrians.”

Bitton said the neighborhood council used grant money from AARP to pay for the paintings and explore other ways to improve safety for cyclists and pedestrians. That safety review led to a wish list for other improvements, such as improved bike lanes and elevated crosswalks.

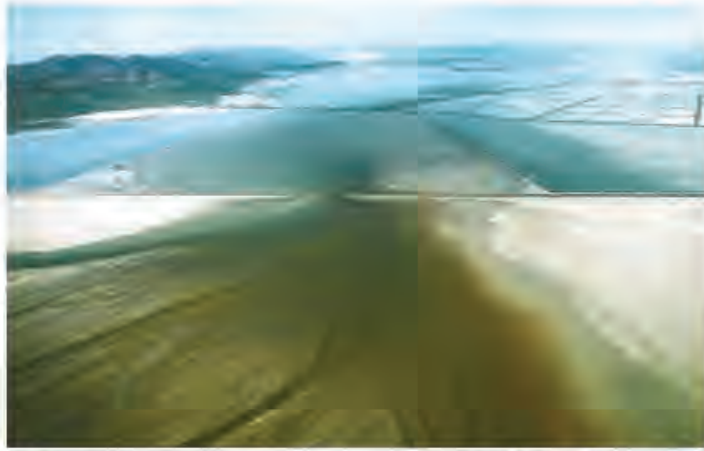
“We’ve gone in,” he said, “and we’ve identified dozens of potential upgrades that could be made to the neighborhood that we think would make the neighborhood much safer for residents.”

While those potential improvements may still be down the road, Glendale is already taking steps toward safer streets, starting with a few brush strokes.

**Alixel Cabrera** is a Report for America corps member and writes about the status of communities on the west side of the Salt Lake Valley for The Salt Lake Tribune. Your donation to match our RFA grant helps keep her writing stories like this one; please consider making a tax-deductible gift of any amount today.



From left, Kelbe Goupil, Turner Bitton, Kyle Goupil and Tessa Cramer paint the asphalt last week on Emery Street at the crosswalk in front of Park View Elementary School.



Jeffrey D. Allred, Deseret News

The Great Salt Lake is pictured on May 3. The Great Salt Lake Stewardship Act, sponsored by Rep. John Curtis, R-Utah, and Sen. Mike Lee, R-Utah, is a way to tap into a pool of money already set aside for water projects, but unused.

## The Great Salt Lake Stewardship Act would give funds to lake

The importance behind a key piece of legislation designed to help the Great Salt Lake and its vast watershed was detailed in a congressional subcommittee hearing last week.

The Great Salt Lake Stewardship Act is sponsored by Rep. John Curtis, R-Utah, and Sen. Mike Lee, R-Utah, and is a way to tap into a pool of money already set aside for water projects, but unused.

**What the bill proposes to do:** Under Curtis and Lee's bill, the expansion of the existing water conservation program under the Central Utah Project Completion Act would happen. That would include spending already allocated money to address the Great Salt Lake drainage basin. It allows that unexpended budget authority to be available under the Central Utah act to be used for water conservation efforts, instead of sitting in a bank account of sorts.

Lee and Curtis say by expanding the geographic coverage of the program to include the entire Great Salt Lake drainage basin, the bill would support the efforts of the state of Utah, local communities and water districts north of Salt Lake County in conserving water use and replenishing the lake.

**What would it cost?** In an op-ed published online Friday in the Deseret News, Gene Shawcroft, general manager of the Central Utah Water Conservancy District, explained the beauty of the legislation.

"Here's a critical component of this legislation — it does not require new spending authorization. Annual funding for the program comes through the programmatic funding Congress provides to Central Utah Project Completion Act within the Department of Interior's budget each year. This provides access to a stable federal funding mechanism for conservation projects that can be geared toward helping the Great Salt Lake."

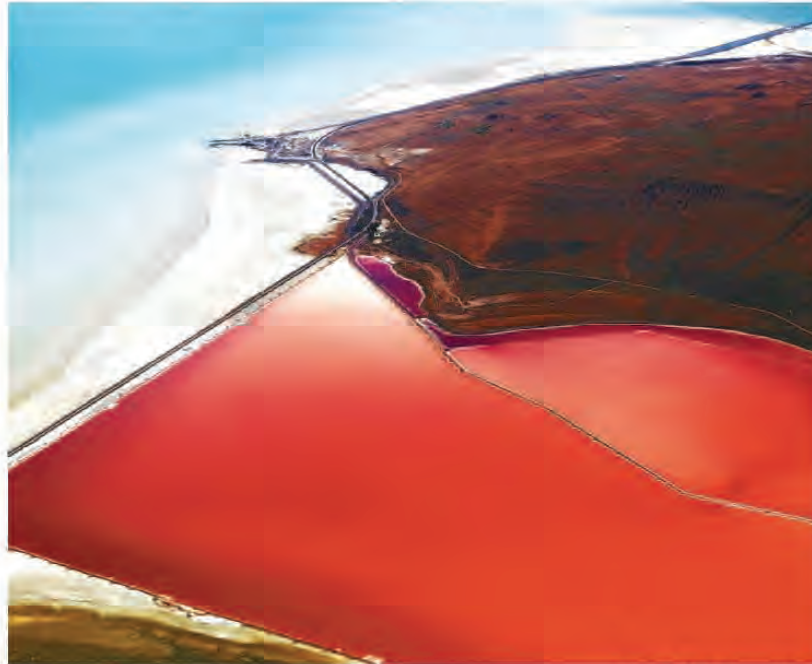
Shawcroft testified before the U.S. House Natural Resources on why it is important to grant the Interior Secretary that flexibility, which is a simple fix in the law benefiting the Great Salt Lake and its watershed.

The legislation also has the support of other managers of water conservancy districts along the Wasatch Front.

— Amy Joi O'Donoghue

# This 'western water guy' made a case for the Great Salt Lake in congressional hearing

The Great Salt Lake is a cultural treasure.  
This legislation will help it survive



Water levels are pictured in the Great Salt Lake on July 20.

Jeffrey D. Allred, Deseret News

**By Gene Shawcroft**  
For the Deseret News

Sometimes in life you are afforded the opportunity to do things you never imagined. That happened to me last week. I testified before the U.S. House of Representatives Natural Resources subcommittee about bringing key help to restore the Great Salt Lake. Utah Rep. John Curtis sits on this committee. He is the primary House sponsor and is a major force in guiding this legislation called the Great Salt Lake Stewardship Act.

Not only was I invited to express support for the Great Salt Lake Stewardship Act, I'm honored to be the leader of the Utah organization, Central Utah Water Conservancy District, that would be responsible for executing its directives.

This legislation provides the Secretary of the Interior flexibility to utilize unexpended budget authority that may be available from other sections of the Central Utah Project Completion Act to enhance the popular Water Conservation Credit Program, that my district administers.

Importantly, under this new act, the geographic area covered by Central Utah Project Completion Act's water conservation program would be expanded to include the entire Great Salt Lake Basin. This will assist with efforts by the State of Utah, local communities and water districts north of Salt Lake County to conserve water use and replenish the Great Salt Lake, which has been severely impacted by drought conditions.

I'm proud of how Utahns have confronted the challenge, with everyone doing what we can to conserve and redirect water to restore the Great Salt Lake to healthy levels. Our work has just started, that is certain, but our actions are already making a difference. As a public servant for 36 years, I've lived what most of us know: the easy stuff is first, now we are on to the tough work.

Here's a critical component of this legislation — it does not require new spending authorization. Annual funding for the program comes through the programmatic funding Congress provides to Central

Utah Project Completion Act within the Department of Interior's budget each year. This provides access to a stable federal funding mechanism for conservation projects that can be geared toward helping the Great Salt Lake.

To give a scale to the kind of conservation we've been engaged in for years now under this congressional authority, in 2020 alone, the water savings from these projects was enough to nearly fill Deer Creek Reservoir, which has a capacity of 152,000 acre-feet. So again, this act will expand the work we can do on behalf of the entire Great Salt Lake Basin.

As I testified to the House Committee, Central Utah Water Conservancy District stands side by side with all members of Utah's federal delegation in supporting this act. My district is committed to bring the resources and expertise to administer the act's directives.

I'm appreciative of Rep. Curtis and Utah Sen. Mike Lee, not only for being the sponsors, but expending the political muscle needed to move federal gears to act on behalf of our beautiful, western state. Curtis said it well: "Through this bill, we are ensuring no doors are left unopened to save our lake."

The Great Salt Lake is a state, if not a national, treasure. It is essential to our culture, economy, biodiversity, climate and wildlife. I'm optimistic about its future. I'm also a western water guy, so I know that conservation is not one-and-done — it's a way of life.

I'm hopeful this critical legislation passes. Last week's hearing was the first big step in the House of Representative's process (the act is also working its way through the U.S. Senate). As citizens, we can show our support for our federal delegation continuing efforts to pass the Great Salt Lake Stewardship Act (HR4094/S. 1955). Call or write, and let them know each of us support making the Great Salt Lake healthy again.

**Gene Shawcroft is general manager of the Central Utah Water Conservancy District. He is also Utah's Colorado River commissioner. He is a graduate of Brigham Young University with a master's degree in civil engineering.**

# Great Salt Lake and Lake Powell: What's the state of Utah's water?

**Editor's note** » This article is part of the Open Lands newsletter from The Salt Lake Tribune environment team.

Here, it's land and water use reporter Leia Larsen. I like to joke that the Great Salt Lake is really just a big puddle — the enormous, shallow lake evaporates an incredible amount of water every year. Its southern half is now a full foot lower than the peak elevation it hit for the year back in late June, and losing a foot exposes a whole lot of lakebed.

I'm hoping to get an aerial tour next month to see how much the lake has changed since the influx of record-breaking runoff in the spring. Warm weather and evaporation mean the lake level will continue to decline until temps and precipitation drop in late fall.

The southern half remains quite a bit lower than the north due to the breach in the rock-filled railroad causeway bisecting the lake, which state regulators blocked off last year to prevent total ecological collapse.

That move likely saved the south arm's brine shrimp, brine flies and the birds that depend on them. It also caused the south half to swell by about 5.5 feet from its record low set last fall. But the north arm is actually a few inches lower than it was at this time last year.

It goes to show that even after an amazing winter and unprecedented snowpack, the lake remains in trouble. As I've written previously, nesting birds have vanished from an important pelican colony in the north arm, and dust storms keep kicking up near our urban population centers to the south. The south arm needs to rise another seven feet or so, and the north arm needs to rise more than 10 feet, for the lake to reach a sustainable elevation.

On a lighter note, lake lovers can now buy a special Great Salt Lake license plate. It costs \$46 upfront and \$25 annually, which gets added to motorists' usual registration



PHOTOS BY FRANCISCO KJOLSETH | The Salt Lake Tribune

**Top photo** » Thousands of birds create a murmuration near Fremont Island on the Great Salt Lake last month. **Above** » A new special Great Salt Lake license plate, recently introduced and aimed to raise funds and awareness for saving the water body, was among the booths of the Great Salt Lake Summit in Sandy last month.



LEIA LARSEN

fees. Proceeds go to a preservation fund managed by the Department of Natural Resources for lake conservation projects. But the DMV needs at least 500 drivers to sign up before

## Lake Powell elevation change since last year

The reservoir hits "power pool" at 3,470 feet, where it can no longer generate power, and "dead pool" at 3,374 feet, where water managers can't send releases downstream. The lake is considered full at 3,700 feet.



Chart: Leia Larsen | The Salt Lake Tribune • Source: U.S. Bureau of Reclamation • Created with Datawrapper

they start mailing out the plates, so get those applications in.

In southern Utah, Lake Powell sits at 37.4% full. It has dropped about 7 feet so far this year.

The U.S. Department of Interior is busy drafting plans for how it will manage reservoirs like Lake Powell and Lake Mead in the decades ahead as the Colorado River remains overtapped by millions of people in the West and depleted by drought. Public comments on the department's environmental impact statement for post-2026 operations are due this Tuesday.

It will be interesting to sift through that

feedback. I'm curious whether draining Lake Powell and restoring Glen Canyon will be a common theme. It's no longer a fringe idea embraced by environmental groups. Some of the most respected scientists who study the Colorado River suggested earlier this year the feds should seriously consider bypassing Glen Canyon Dam and storing Powell's water in Mead instead, since both mega-reservoirs will probably never fill beyond 50% of their capacity ever again.

*Do you have any questions about water management in the West? Or story ideas to share? You can reach me at llarsen@sltrib.com.*

## Great Salt Lake north arm elevation change since last year

The northern half of the lake remains critically low, with this year's record-breaking runoff hardly making a difference. Like the south arm, it needs to rise to about 4,200 feet above sea level to reach a sustainable elevation.

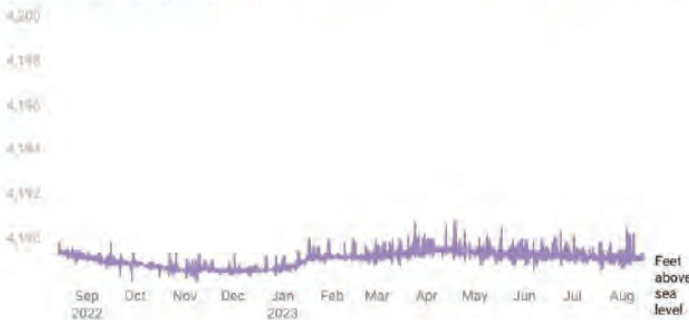


Chart: Leia Larsen | The Salt Lake Tribune • Source: U.S. Geological Survey • Created with Datawrapper

## Great Salt Lake south arm elevation change since last year

The south half of the lake went up by 5.5 feet this year from its record low in November, partly because state regulators closed it off from the northern half. It needs to rise to around 4,200 feet above sea level to reach a sustainable elevation.



Chart: Leia Larsen | The Salt Lake Tribune • Source: U.S. Geological Survey • Created with Datawrapper

# Sandy launches app to help residents conserve water

By **BEN WINSLOW** | Fox 13 News

A new app is helping Sandy residents conserve by not only telling them how much water they're using, but detecting leaks that could prevent an expensive bill.

Sandy City recently started using "WaterSmart," a software program that can also alert residents whenever they exceed typical water use.

"It's the next step we need to take in terms of water conservation," said Scott Ellis, an operations manager at Sandy City who has been trying it out with his family.

Ellis said the software already prevented an expensive bill for his elderly mother when it texted him an alert warning that she might have a leaky irrigation pipe. WaterSmart detected that her yard was using more than it's typical share of water.

"We upgraded to this newer software because it actually has built-in algorithms that will help identify what type of leak residents are looking at," said Abi Holt, the business services manager for Sandy City. "If that's the case, it will send you an alert. You can set it up to send you an alert that will say you might have a leak in your toilet for instance, or you might want to check outdoors for a potential leak in your irrigation system."

The WaterSmart program with a mobile-friendly interface was launched this summer. Sandy City has about 1,000 subscribers out of its 26,000 customers. Residents can also pay bills using it. The software also offers tutorials on fixing leaks or ways to conserve water.

"Even in the first week, we got an email from a woman who right away set up an alert, got a notification that she had a leaky toilet and fixed and was able to reduce her water use in her

house immediately," Holt said.

As Utah slips back into drought and grapples with saving the Great Salt Lake, technologies like these can help consumers reduce their water use while also saving money.

"The state has set goals particularly over the last few years as we were living through the intense drought for water conservation for 2030, 2040, 2060," Holt said. "This software will specifically help residents monitor their own use and see where they are relative to these goals that have been set."

*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](https://greatsaltlakenews.org).*



ENVIRONMENT

# Lawmaker says Great Salt Lake mining operation is like 'wild, wild West'

By Amy Joi O'Donoghue  
Deseret News

Utah House Majority Leader Mike Schultz, R-Hooper, said Compass Minerals operating on the north arm of the Great Salt Lake is behaving as if it is the "wild, wild West," and it is time the company is tamed when it comes to its operations.

Schultz opened a bill file this week to foster legislation he says will do whatever is within the state Legislature's purview to rein in the company, which recently raised the ire of Utah regulators because of a pilot project to mine lithium the state says was unauthorized.

"So Compass is interpreting their agreement to show that because lithium is technically a salt, their agreements with the state cover that," Schultz said. "State Forestry and Fire says, no, no, no. You still have to have a separate agreement with the state of Utah for every individual mineral that you produce. And, then also a royalty agreement has to be assigned to that and they don't have that royalty agreement."

Schultz asserted too, that collectively the mineral extraction makes "hundreds and hundreds of millions of dollars a year." The industry as a whole pays the state about \$11 million annually in severance taxes.

## A company under scrutiny

The issue of Compass Minerals' operation on the eastern shore of the Great Salt Lake came up in discussion in a recent meeting of the Legislative Water Development Commission.

Statements made by Jamie Barnes, the director of the Utah Division of Forestry, Fire and State Lands, as well as a few lawmakers, prompted the company's chief executive officer to issue a letter to commission members disputing what was said.

Kevin Crutchfield, Compass Minerals' CEO, said he was both "surprised and deeply disappointed by representations made to the commission."

He added that among the 10 leases the company has with the state, it has the authority to mine "salts and salt products," and the right to mine "salts and other minerals dissolved or suspended in the water of the Great Salt Lake."

He also pointed to documentation from the U.S. Geological Survey about lithium's classification.

"To provide examples, a 2017 United States Geological Survey report on critical mineral resources noted that lithium carbonate is commonly produced from brine when reacted with sodium carbonate. That same report states that lithium chloride and bromide are



The west end of the Behrens Trench of Compass Minerals is seen on Oct. 18, 2016. The trench moves brine from the west pond complex to the east pond complex of Compass Minerals. Ravell Call, Deseret News

salts."

Compass is a leading global provider of salt, sulfate of potash and magnesium chloride. It is the only domestic producer of sulfate of potash.

Crutchfield also emphasized that Barnes' assertion that Compass had not been forthcoming with its lithium project to the division is inaccurate, noting there was a public presentation by a company executive at the Great Salt Lake Summit hosted by Utah House Speaker Brad Wilson, R-Kaysville, in January 2022 and a meeting with leadership of the Forestry Fire and State Lands Division later that year.

But lawmakers have been concerned about receiving accurate information related to the mineral industries operating on the Great Salt Lake, if the state is getting fair value for those resources, in addition, if companies are engaged in best practices protecting the lake and the companies themselves.

HB513, which passed last year, authorizes a study probing those factors.

Barnes said there is wide disagreement

between Compass and regulators, adding the state says each lease requires specificity for mineral extraction.

## Water and Compass Minerals

Schultz said his bill will address a number of issues in the arena of mineral extraction on the Great Salt Lake that are within the statutory purview of the legislature.

But another big issue is the water, the rights that Compass Minerals holds and how much it can deplete.

Schultz says the amount is staggering.

"One of the biggest concerns is the lithium and with their 400,000 acre-feet of water. Lithium is so valuable, do they actually increase their production to get more lithium?"

Compass has water rights that Schultz said are the equivalent of one and a quarter of what Jordanelle Reservoir holds or the capacity of almost six Echo Reservoirs.

Historically, he said they use 170,000 acre-feet but did not take that much last year.

"We're still trying to understand what we

can do with their water rights, honestly," he said.

He said the problem is the water Compass uses is depleted, which means it is not returned to the lake. That is in contrast to areas along the northern Wasatch Front, where much of the water used finds its way back to the lake.

Schultz said it is frustrating because Utah communities and the state have been aggressively pursuing water conservation due to the drought and to help lake levels, including that of the Great Salt Lake.

And while the south arm of the Great Salt Lake has risen more than five feet, the north arm remains only six inches above the record low.

"We're straining at gnats while they are shoving camels down our throats," he said. "There needs to be some significant change going forward. ... I think we started with realizing what's really been happening out there and that it is still the wild, wild West, where virtually there's not a lot of regulation."

# Following record snowpack, here's how full Utah's reservoirs are through mid-August

By Carter Williams  
KSL.com

This year's record snowpack is still flexing its muscles many months later, as Utah's reservoirs remain well above normal levels with about two months left in the typical irrigation season, state water managers say.

The Utah Division of Water Resources provided an update on the state's water situation Monday, pointing out that its reservoir system remains at about 81% capacity, well above the median capacity level of 64% for mid-August. Utah's reservoirs had fallen to about 50% capacity this time last year as the state continued to deal with severe drought.

The reservoir system topped out at almost 86% capacity in July, jumping up from a low point of 42% in November 2022. Utah ended up with a record-breaking snow water equivalent of 30 inches during the winter and spring, which drastically changed its water supply situation this year.

In fact, Utah ended July still on pace for its 19th-wettest water year since 1895, according to National Centers for Environmental Information data.

"Our water managers executed an exceptional balancing act to start the irrigation season with reservoirs at full capacity. Water was released from reservoirs before the irrigation season, which enabled them to capture the water from this year's record-breaking snowpack," said Candice Hasenyager, director of the Division of Water Resources, in a statement.

All but five of Utah's biggest reservoirs are listed at 60% capacity or higher, including Flaming Gorge, which is now up to 88% capacity. Lake Powell, at 37%, is among the five reservoirs below 60%. Lake Powell reached an all-time low again earlier this



Pineview Reservoir is pictured in Weber County on Monday. Utah's reservoir system remains at about 81% capacity entering this week.

Kristin Murphy, Deseret News

year, as it fell to about one-fifth capacity during the winter.

Flaming Gorge and Lake Powell are not included in the statewide capacity figure. Utah's irrigation season typically ends by mid-October, which is when water consumption begins to slow down.

Meanwhile, the Great Salt Lake is now listed at 4,192.9 feet elevation, about a foot below its high point this year. The lake rose about 5½ feet from the snowpack runoff.

Monday's update comes as Utah is slowly slipping back into drier conditions, although

none of it is as bad as the last few years. About 16.5% of the state — primarily in south-central and southeastern Utah — remains in moderate drought, while another third is considered "abnormally dry."

Only 9.7% of the state was listed in moderate drought, while a slightly smaller section of the state was listed as "abnormally dry" last month, according to the agency. All parts of the state experienced at least moderate drought by mid-August last year, including 80% listed within extreme drought conditions.

Given the uncertainty of the upcoming winter, Hasenyager reiterated the need for water conservation so that the state can rely on the water it has for a longer period of time.

"Taking care of our water resources is vital, and this year's remarkable achievements highlight the importance of effective water management practices after this year's record-breaking winter," she said. "By embracing sustainable measures and remaining vigilant, we can continue to secure a resilient water supply."

# Legislature to revisit Great Salt Lake water extraction in wake of dispute

By BEN WINSLOW | FOX 13

The Utah State Legislature is planning to re-examine mineral extraction on the Great Salt Lake as the state races to reverse water level declines.

“We need to look at how much water is being extracted from the lake. We need to look at production limits. There’s a whole host of things statutorily we can be looking at,” said House Majority Leader Mike Schultz, R-Hooper, who is planning to open a bill on the subject.

The proposed legislation follows a dispute between the state and a major mineral extraction company on the Great Salt Lake. FOX 13 News was at a meeting where Utah’s Division of Forestry, Fire & State Lands accused Compass Minerals of doing unpermitted lithium extraction.

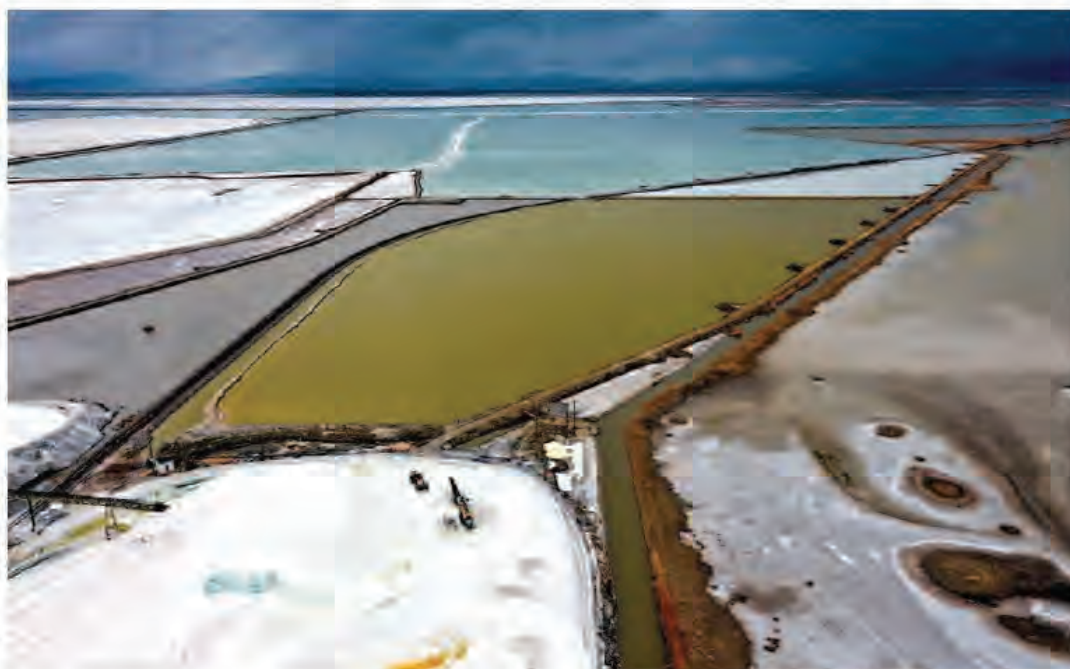
At that same meeting, the Weber Basin Water Conservancy District expressed concerns about the amount of water involved as the state grapples with reversing the Great Salt Lake’s historic declines and preventing an ecological crisis.

The company denies it is doing anything improper.

In a letter to the Utah Legislature’s water development commission shared with FOX 13 News, the company’s CEO took issue with state characterizations of what Compass was doing and insisted it was not only being transparent — it was working within its rights to extract lithium.

“In our more than a half-century of operating on the Great Salt Lake, our company has always prioritized responsible operations, working hand-in-hand with the State of Utah and numerous other stakeholders on the lake to create significant economic value while ensuring a healthy lake environment. During that time, we have also acted consistent with our established, longstanding mineral and water rights,” CEO Kevin Crutchfield wrote.

But in an interview with FOX 13 News on Monday, the House majority leader suggested that agreements the state has — as well as how much



LEAH HOGSTEN | The Salt Lake Tribune

This aerial photo shows Compass Minerals ponds in April 2022. Compass Minerals produces salt, plant nutrients and magnesium chloride for application primarily in North America. Ogden’s 55,000-acre solar evaporation pond complex produces salt, sulfate of potash and magnesium chloride from the Great Salt Lake.

water these mineral extractions take from the lake — ought to be looked at. He pointed out that many agreements are decades old and from a time when there was an abundance of water in the Great Salt Lake.

“Compass Minerals has the water right to take what is equivalent to almost six Echo Reservoirs... out of the Great Salt Lake every year. They have not been taking that much, luckily, but they have the right to do that. We need to look at that,” Rep. Schultz said. “Then there’s the potable water that’s also a concern. We don’t have the water to meet our demand right now, our current demands for our growth. So we really need to think how we approach these things.”

Rep. Schultz said he envisioned his legislation looking at everything from how much water is used, to production methods and royalty payments due to the state for extraction.

“We’re spending a significant

amount of money right now and it’s taxpayer money... to get more water into the lake. If we can use the money the lake generates to fund that so the taxpayers don’t have to fund that? It’s a win-win for everybody,” he said.

Compass Minerals did not immediately respond to an email seeking comment on Rep. Schultz’s proposed legislation. It would not be the only one subject to the legislation, but other companies that do extraction on the lake.

A representative for U.S. Magnesium declined to comment on Rep. Schultz’s proposed legislation until they saw specific bill language.

“While we understand the importance of mineral extraction industries for Utah’s economy, it’s crucial that we strike a balance between economic benefits and environmental protection,” Alex Veilleux, a policy associate at the environmental group HEAL Utah, said in a statement to FOX 13

News. “We recognize that these industries contribute to jobs and revenue, but this should not come at the cost of jeopardizing our natural resources or the health of our residents.”

The Great Salt Lake hit a historic low last year as a result of water diversion, drought and a changing climate. It has alarmed state leaders and the public. A drying lake can lead to toxic dust being blown into populated areas (arsenic is among the naturally occurring minerals in the lake bed); reduced snowpack and harms to public health and wildlife. The Utah State Legislature has invested hundreds of millions of dollars into water conservation measures aimed at reducing demand for water and reversing the lake’s declines.

*Published through the Utah News Collaborative, a partnership of news organizations in Utah that aims to inform readers across the state.*

# Cases of E. coli on the rise in Lehi

**BY NICHOLE WHITELEY**  
Daily Herald

Lehi continues to see an increase in E. coli, with 12 people now confirmed to have contracted the bacterial infection, though officials at Tuesday night's City Council meeting acknowledged the possibility of two new cases.

Two of the cases were contracted by Orem residents while they were in Lehi. The 12 cases are all among children, of which six were hospitalized, though all reportedly have been released. The cause of the E. coli cases has been traced to the city's pressurized irrigation water.

Compared to the city population, this many cases is considered a large outbreak, according to Cindy Burnett, a program manager at the Utah Department of Health and Human Services. She said it is estimated that there could be 150-200 people in the city who contracted E. coli and got sick but were not hospitalized.

These cases have been caused by using pressurized irrigation, or PI, water for drinking or recreation. Running through sprinklers, playing in puddles from a pipe bursting in the backyard and drinking from a hose were some of the ways reported that the children contracted E. coli.

PI water is not meant to be used as drinking water for humans or animals, as it is untreated and has harmful bacteria in it.

According to the Utah County Health Department, E. coli symptoms include bloody or persistent diarrhea, fever, nausea and vomiting. Anyone

## E. coli

From AI

with symptoms is encouraged to contact their health care provider for testing.

### Watering lawns and recreation

According to Lehi Mayor Mark Johnson, the Centers for Disease Control and Prevention recommended that PI water be turned off. However, he said, if that happened, 41 fire hydrants would also be shut down as they are sourced by the PI water.

A Lehi City press release said the CDC "has recommended that residents not water their lawns. Do not use irrigation water for bounce houses, pools, slip-n-slides, or any other recreational activities." Children or adults who have touched irrigation water and then touch food they eat or touch something that will reach their mouth are at risk to contract E. coli, the city said.

In addition, Lehi City said it is not only the water that can be dangerous, but also lawns

that were watered by the irrigation water, even if they are not wet. "Use caution when allowing children to play on lawns that have been watered with irrigation water," the city warned. "Keep an eye on them when they're outside playing and make sure they don't put their hands or anything else that might be on the lawn in their mouths. E. coli is hardy and can stick around even when the lawn isn't wet. After they play, make sure you wash their hands thoroughly with soap and water."

The Alpine School District said in a statement it had been in "close contact" with Lehi City last weekend and sent a message to administrators and maintenance crews at schools in the area to inform them about the outbreak and propose a temporary pause on watering. However, the district said, "In some school field areas, watering is necessary because extracurricular activities need to be played on (and safety of the grounds necessitates not having dry field that could increase the potential of a fall injury greater if the field is full

of dead grass), and as that was discussed."

"Our decision was to follow best practices and ideal watering times for the process to be addressed," it concluded.

### Produce

The initial recommendation for produce that is watered by PI water was to thoroughly wash before eating. That has changed to a recommendation that all produce exposed to pressurized irrigation water should be thoroughly cooked or canned before it is consumed.

When handling produce or soil that has been wetted by PI water, hands also should be thoroughly washed.

Whether or not farm produce is safe to eat has not been discussed, said Jeanteil Livingston, Lehi City communications manager. However, any produce that is watered by PI water is at risk of being contaminated.

### Treatment

Lehi City has been working with the CDC, Utah County Health Department and Utah Department of Health and Human Services. The Utah

County Health Department is the lead on the E. coli outbreak. Lehi City shock treated two of the 14 PI water reservoirs on Monday but did not have enough chemicals to treat more. Members of the Lehi City Council reported they are working on getting more chemicals.

BreAnne Osborn, a disease epidemiologist at the Utah Department of Health, said to effectively treat E. coli, "The only way to make sure that it's (PI water) safe for everybody to use for its intended purpose is continual treatment, and that's not an easy thing"

The strain of E. coli that has been found is E. coli O157, which is a strand that causes kidney failure, especially in young children, and can be life-threatening.

The city's PI water is not regularly treated, so until there is a case of E. coli that is reported, the water is not tested. Osborn added that many bodies of water have strains of E. coli but many strains of the bacteria are not dangerous to humans. This means that tests that are run for the levels of E. coli in

the water do not determine whether the dangerous strain of O157 is present in the water.

Lehi officials were first notified Aug. 2 by the Utah County Health Department of positive E. coli test results thought to be tied to the PI water system, though it wasn't until Aug. 4 that Water Systems Manager Greg Allred was contacted to give permission to test the PI water reservoirs.

During Tuesday's City Council meeting, council members raised questions about the long duration between the water being tested and the information being relayed so the city could treat the water. Osborn said that due to medical privacy laws, they were not able to give out the addresses of the exposure sites since the people infected were contaminated at home.

After trying to balance the health risk posed to Lehi residents and wanting to maintain the privacy of those contaminated with E. coli, some information was given to Lehi City to treat the water, Osborn said. However, that information didn't make it to the city un-

til after the two sites had been chemically treated, and Johnson said Allred and his team had to make an educated guess about which were infected.

Once they received the information from the health department, they found out they had guessed correctly.

"I'm gonna say something. We failed because we have citizens who continue to let the kids play in the contaminated water," Johnson said.

However, council member Katie Koivisto disagreed, saying that because Lehi is a city full of young parents and young adults, "I think this is just a learning experience, as harsh as that is. But it's basically a learning experience because there were a lot of people that just didn't know you're not supposed to play in irrigation water." She acknowledged that the city did need to educate residents better, but said there is also a side of recognizing the different demographic in Lehi.

Lehi City and the Utah County Health Department declined additional requests for comment.

# Smart technology coming to your Murray City utility bill

Jul 03, 2023 12:34PM • By Shaun Delliskave



Murray City's AMI system will track Murray residents' water consumption from afar. (Shaun Delliskave/City Journals)

Murray City is set to revolutionize its utility services by implementing an Advanced Metering Infrastructure (AMI) system. This technological upgrade aims to streamline operations, improve billing accuracy and enhance the overall management of utility services. Murray City officials are optimistic about the potential benefits that AMI will bring to the community.

“Murray City is excited to embark on this transformative journey of implementing an Advanced Metering Infrastructure system,” Murray City Director of Finance and Administration Brenda Moore said. “AMI will be a game changer for our utility services, offering real-time monitoring, improved data collection and increased operational efficiency. We believe this investment will lead to long-term cost savings and enhance our ability to provide reliable services to our residents.”

Partially funded through Murray City budget reserves, the AMI system involves a significant financial commitment. The Power Department has allocated \$4,400,000 for collection infrastructure and power meters, while the Water Department has budgeted \$1,250,000 for the costs associated with water meters. Murray City employees will handle the installation process, with potential overtime expenses.

“The implementation of AMI will allow us to streamline our processes, reduce labor requirements and ultimately deliver more efficient utility services,” Moore said. “This system will enable us to optimize resource allocation, improve billing accuracy and reduce the time between meter reads and bill generation.”

According to Murray City officials, the anticipated cost savings from the transition to AMI are expected to be substantial. By eliminating the need for monthly meter reads Murray City predicts that only one meter reader will be required, allowing two employees to be reassigned to other duties. The ability to remotely control power connections and disconnections will facilitate move-ins, move-outs and final billing processes.

However, the city anticipates potential challenges and unexpected expenses that may arise during the implementation of AMI. “As with any new technology, there will be a learning curve, and our current processes will need to adapt to the system’s increased capabilities,” Moore said.

Any unforeseen costs will be managed through current operating budgets, capital reallocation or budget amendments.

Data privacy and security remain critical concerns for Murray City throughout the implementation process.

“We are committed to ensuring the strongest data security protocols are implemented,” Moore said. The transition to AMI will maintain the same level of data privacy and security as the current system, with stationary collection equipment replacing the previous street-based reading equipment.

Currently, Salt Lake County, Jordan Valley Water Conservancy District, Salt Lake City Public Utilities, West Jordan, South Jordan, Kaysville, Provo, Logan and Dixie Power have fully deployed AMI systems.

As Murray City prepares for the transition to AMI, public education and awareness initiatives are being planned to empower customers to make informed decisions regarding utility usage. The Gridstream Connect App will provide customers with real-time usage data, alerts and insights into their energy consumption.

“We are excited to launch educational programs that will help our customers take full advantage of the benefits offered by AMI,” Moore said. “Through increased transparency and engagement, we aim to empower our customers to make more informed decisions about their utility usage.”

The installation of the AMI system will be conducted by Murray City personnel. Murray City Power Department Director Greg Bellon emphasized the benefits of the in-house facility, stating, “This approach will not only save us hundreds of thousands of dollars but also ensure greater control and smoother coordination among the departments involved.”

“AMI will revolutionize our utility services by providing real-time data and actionable insights,” Murray City Public Works Director Russ Kakala said. “This system will enable us to make more informed decisions about infrastructure management, respond faster to service disruptions and enhance the overall efficiency of our operations.”

Murray City’s Power Department will immediately access power consumption data, enabling more accurate billing, faster outage detection and improved response times. With the ability to monitor various residential loads, such as solar energy and electric vehicles, AMI will allow the city to optimize asset lifecycles, increase grid efficiency and facilitate consumer engagement.

“AMI will significantly enhance our ability to manage utility services,” Bellon said. “The real-time data gathered will enable us to better understand load patterns, detect unauthorized tampering and respond promptly to service disruptions. This system will enhance the overall efficiency, safety and customer experience of our power department.”

“Murray City is committed to embracing smart city technologies, and the integration of AMI is a significant step forward in our journey,” Moore said. “We envision a future where advanced technologies work harmoniously to improve service delivery, enhance sustainability and create a more connected and efficient community.”

“Yes, there’s been issues incorporating new technology with sometimes aged infrastructure. The largest issues come from areas that do not continuously communicate—creating data gaps or no data collected at all. Which would require us to manually collect water user reads,” Kakala said.

“These advanced systems can be susceptible to technical issues. However, most of the problems that arise are with contracted installers and with supply chain shortages. We will be installing the system ourselves to not only save money but also to help alleviate some of those issues. During the transition, we will be running two different systems simultaneously, which could cause some issues, but we will work together with utility billing and the water department to make the transition as smooth as possible,” Bellon said.

As Murray City moves closer to the full implementation of AMI, the municipality will focus on addressing potential challenges and ensuring a seamless transition for residents and customers.

“We are working closely with our utility departments, vendors and stakeholders to ensure a smooth and successful implementation of AMI,” Moore said. “We are confident that this investment will substantially benefit our community and propel us into a more sustainable and technologically advanced future.”

The AMI system installation is scheduled to begin in early 2024. λ



BE WATER WISE

# Be Water Wise: Utah Water Savers, changing landscapes and minds

by: [Heather W. Smith](#)

Posted: Aug 16, 2023 / 11:38 AM MDT

Updated: Aug 17, 2023 / 09:00 AM MDT

**SHARE**

*This story is part of our Be Water Wise series. Each week we will be educating Utahns on water usage and conservation. Special thanks to The Jordan Valley Water Conservancy District and Cynthia Bee for helping coordinate information.*

SALT LAKE CITY, Utah ([ABC4](#)) – “Grass doesn’t belong everywhere,” according to [Utah Water Savers](#). Utah is getting a crash course in water-saving lawn removal with an ad campaign sponsored by the state’s major water districts and the Utah Division of Water Resources.

Whether it’s a windshield covered in sod on a UTA bus, a wife weed-eating her husband’s back, or a lawn-based wardrobe rejected by Governor Cox, the ads are hitting a nerve. Utahns have strong opinions on water conservation when it comes to landscaping. Ask 10 different residents about what makes great water-wise landscaping, and you will probably get 15 different answers.

## **[Be Water Wise: To plant or not to plant, that is the question](#)**

The districts are trying to take some of the mystery away from it all and even with their light-hearted tone the message of the Water Savers ad campaign is clear – there is a better way and there is help to discover it.

With the help of major state water conservation partners, the site is now the go-to for statewide fixture rebates and landscape incentives for most of Utah. With Utah Legislative incentives, more funds have been made available for residents.



**GRASS  
DOESN'T BELONG  
EVERYWHERE**



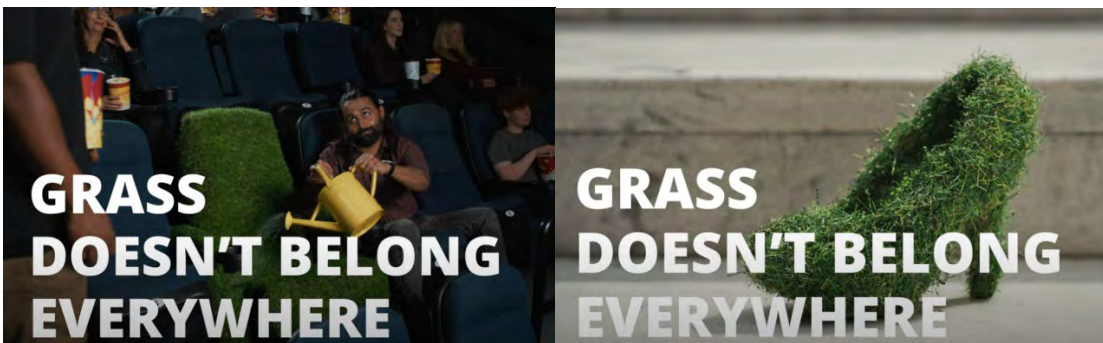
**GRASS  
DOESN'T BELONG  
EVERYWHERE**

The overarching theme of the campaign, and the simple message every water conservation entity in Utah wants to shout from the top of Mount Timpanogos, is that it's not an all-or-nothing concept. They don't want Utahns to rip out all of their lawn and replace them with rocks and cacti, they want residents to identify "non-functional turf."

“We’re not asking the public to choose between all-lawn or all-rock landscapes,” says the ad campaign manager, Zack Seipert, with the Central Utah Water Conservancy District, “rather, we’re asking every water user who manages a landscape to look at areas of the landscape that contain non-functional turf that could be converted to a better, more-efficient, purpose.”

“Non-functional turf” is a term coined by the Southern Nevada Water Authority that refers to areas of the lawn that require water and maintenance resources without producing any recreational value. Examples include park strips, parking lot islands, and narrow, awkward scraps of lawns that are somewhere between difficult and impossible to manage efficiently while providing no useful value.

Utah Water Savers encourages Utahns to use the “Localscapes” method to assist with the planning and implementation of landscape changes. Localscapes is a design style created specifically for our state that embodies best practices for landscapes in our climate and may or may not include an area of lawn as per the choice of the participant



“Regardless of whether incentive programs apply in an area, Localscaping will still generate the best long-term outcomes for Utahns and help position their landscape for times of drought and stress,” says Cynthia Bee, one of the creators of the Localscapes method. “It’s really about protecting your landscape investment for the long-term in our increasingly unpredictable climate.”

### **Getting Started:**

- Any lawn-replacement project, residential, commercial, institutional, or industrial, is potentially eligible for cash-back landscape incentives to help offset the cost of changing over that portion of the landscape through Utah Water Savers.

- Start by creating an account on the Utah Water Savers website. The website will automatically direct you to the programs and resources available in your area and outline the requirements for participating.
- Participants must apply and be accepted to participate in the programs before beginning work. Incentives cannot be applied retroactively. They're provided as a cash-back rebate once the project is completed.
- Once you've created your account, you'll be prompted for information about your proposed project and an estimated incentive will be generated so participants will know what they can receive prior to committing to a project.

Utah Water Savers recognizes that not everyone has the budget or bandwidth to make all the changes at once, so the programs are set up to provide incentives for small projects too. The minimum project size is 200 square feet.

With that in mind, Water Savers encourages those new to water-efficient landscaping to start small.

“Small projects are a great way to practice new skills and techniques on a low-risk basis,” Bee tells residents. “We jokingly refer to park strip flips as ‘the gateway drug to a water-efficient landscape’ because we’ve seen so many people start with a park strip, succeed beautifully, then implement the same techniques in other parts of their landscape.”

The program sponsors are actively working to get cities across the state to opt in to the landscape incentive programs. However, not all programs are yet offered in all areas. There are processes and requirements of cities for participation as well.

The most current list of participating cities can be found on the [Division of Water Resources website](#). If your city is not listed, residents are encouraged to talk to their local administrators and see if the process has started and if not encourage them to opt in.

### **No Better Time To Start:**

- If you live in a city that is currently qualified to participate in the landscape incentive programs and you're ready to commit to a project, Utah Water Savers program managers encourage you not to wait. Funding is currently available, but as more cities join the movement, there will be more competition for those funds in the future.

- The popularity of the Landscape Incentive Program causes bottlenecks at certain times of the year, especially in early to late spring, which can result in delays and frustrations for potential participants. The spring rush can also cause temporary program closures as the teams work to keep up with demand.
- All projects have a one-year period to complete. Applying for the programs now ensures you'll be approved and ready to go on your schedule, even if you'll wait until next spring to begin the work.
- Projects can be planned and implemented by homeowners or designed and/or installed by professionals, though the incentive amount does not change based on how the project is implemented.
- Projects will be inspected at completion to ensure they are correctly installed and meet all program requirements. Once the project passes the final inspection, the cash-back landscape incentive will be issued based on the square footage converted.

Remember, there are so many avenues for water conservation in the state. Starting at home is a great way to go. Visit water conservancy district websites as well as local learning gardens. Attend Locascapes classes and ask questions. Landscaping isn't intuitive for many people, and state agencies realize this.

“No one really teaches you how to landscape. Growing up, we learn two skills— weeding and mowing. Most people prefer what seems to be the easier of those two options, primarily because they don't know what other choices they may have,” said Bee. “The Locascapes classes are geared to homeowners and encompass the full slate of landscape options so individuals can pick and choose what works best for their family's needs, while also achieving efficiency with both water and maintenance.”

## BE WATER WISE

# Be Water Wise: To plant or not to plant, that is the question

by: [Heather W. Smith](#)

Posted: Aug 9, 2023 / 08:00 AM MDT

Updated: Aug 21, 2023 / 09:40 AM MDT

## SHARE

*This story is part of our Be Water Wise series. Each week we will be educating Utahns on water usage and conservation. Special thanks to The Jordan Valley Water Conservancy District and Cynthia Bee for helping coordinate information from the state water districts.*

SALT LAKE CITY, Utah ([ABC4](#)) – Utah residents are scratching their heads over all the decisions they could make when it comes to their landscaping.

Is it best to rip out all your lawn and throw around rocks? Should you only plant cactus and plants that require little water? Should you make sure every tree is a shade tree to help mitigate [Urban Heat Island Effect](#)? The list goes on and on, but the [Jordan Valley Water Conservancy District](#), along with its partners, want Utahns to know they can help.

Visitors to The Conservation Garden Park in West Jordan can walk through 9 acres of answers to the many questions posed by residents. The garden showcases Utah-happy plants and techniques that the JWCD ensures will bring success in our challenging climate. The garden is constantly updating and changing with new research and as new techniques come into play in our great state.

“We’ve seen so many changes in how Utahns think about landscapes over the years—but one change has really taken us by surprise,” said Shaun Moser, Garden Manager, Conservation Garden Park. “We spent the first twenty years of the Garden’s life ensuring people that they could be water-efficient while still having a green, lush yard— that water wise landscapes are not cactus and lava rocks. Now? We’re having to explain to a surprising number of people that water wise landscapes MUST have plants.”







The JWCD wants to remind residents there is no single solution to personal water conservation, it is not an all-or-nothing, it is about balance.

“We’re not asking Utahns to eliminate all lawn but we will have to rebalance the ratio of lawn to plants and/or other landscape features,” Moser reports. “Lawn is a recreation surface, not a default groundcover and it should only be used in areas where it can fulfill an active purpose. That means sloped areas, narrow spaces, such as park strips, or other small spaces can’t effectively function for recreation and can be put to better use in other ways.”

While plants do require more water than rock does one of the tips the JWCD explains is targeted watering, using drip irrigation systems, and providing water to desirable plants and not weeds.

### **[Be Water Wise: Utah’s water conservation on par but long-term efforts remains key](#)**

One of the greatest benefits of the continued use of plants in landscaping has to do with soil stabilization. Without plants and trees to help us stabilize our soils, erosion occurs, which can lead to both environmental and structural damage. Plant root systems as well as leaves can hold soil in place and slow down water preventing soil runoff.

Those same water-catching plants also provide benefits for wildlife and pollinators. The importance of pollinators in our food systems can not be denied and native and adapted non-native plant species provide habitat for all kinds of creatures including pollinators, insects, arachnids, birds, rabbits, and more.

We all want to live in attractive communities and who doesn’t love the colors and textures of beautiful landscaping? JWCD promotes beautiful Water-Wise landscaping ideas through their Localscapes initiative. Visit their website to get ideas and learn how to get help implementing them.

Locals can experience water-wise plants and principles in action, free of charge, at Utah’s water demonstration gardens. The website for each Garden connects visitors to the most local information for their region, including tried-and-true plants and free classes: [Conservation Garden Park](#), West Jordan, [The Weber Basin Learning Garden](#), Layton, and [The Red Hills Desert Garden](#), St. George.

# Be Water Wise: Planners have been 50 years ahead of the flow

by: [Heather W. Smith](#)

Posted: Aug 23, 2023 / 11:29 AM MDT

Updated: Aug 23, 2023 / 04:34 PM MDT

**SHARE**

*This story is part of our Be Water Wise series. Each week we will be educating Utahns on water usage and conservation. Special thanks to The Jordan Valley Water Conservancy District and Cynthia Bee for helping coordinate information.*

SALT LAKE CITY, Utah ([ABC4](#)) – Someone was thinking about you in 1973. They knew you would be in the Salt Lake Valley, and they knew you would need access to water and probably guessed you would need a good talking to about water conservation.

Water planners work on a 50-year horizon, and while they knew the rate of population growth would vary, planners of the past anticipated our current population and water supply projects were scaled to meet the anticipated demand. So, what are the planners today putting into place for 2073? They are looking at how to balance the books when it comes to our water account. We are looking at a dramatic increase in population without our water supply matching the increase. Our population is expected to increase by 66% over the next 40 years, with over 80% of that growth along the Wasatch Front.

“Continuing as we have been for the last 50 years is simply not an option going forward,” said Alan Packard, General Manager, [Jordan Valley Water Conservancy District](#). “The need to change our water use patterns is a certainty, but how we adapt is a choice.”



***Examples of updated water wise landscapes.  
All photos courtesy Jordan Valley Water Conservancy District.***

Most of the water suitable for drinking along the Wasatch Front is used to irrigate landscapes, with single-family residential comprising the greatest category of demand. *(See graphic below.)* This week, we will explore how cities and water providers are working together to reduce the impact of growth on our water supply.

Residents need to realize the cleanest, most easily accessible, and least environmentally impactful water supplies are already in use. Planning will need to take into consideration new technologies, infrastructure sources, and consider moving water from further distances to reach the needs.

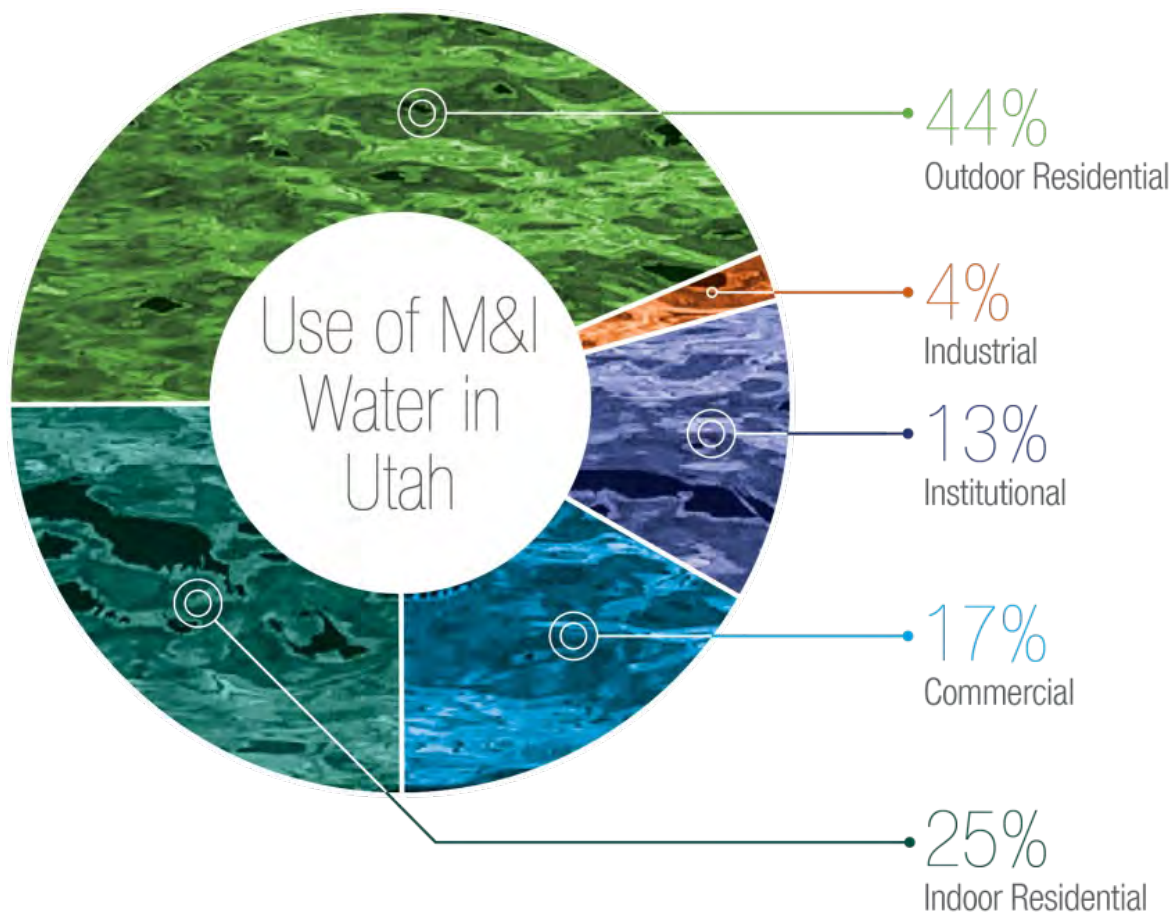
Then, they need to remember this comes at a cost. Each new gallon of water supply will be substantially more expensive than water currently in our systems. Water conservation is a critical element to preserving affordability into the future.

Growth has the greatest impact on water systems. As such, it is the first place to look at changes. Cities are responsible for land use, density, and aesthetic decisions and must work closely with water districts to implement local plans that work towards conservation efforts.

“Every land use decision is a water use decision,” explains Packard.

Cities within the Jordan Valley Water Conservancy District and in many other parts of the state have created ordinances and standards designed to prevent inefficient water use in new developments. The standards are there to reduce demand through efficient practices. The standards are not just residential but run across the board to residential, commercial, industrial, and institutional developments.

Residential indoor and outdoor use generates the highest per-capita use – over 65%.



“Water security for the future will depend on balancing supply and demand in each region of the state. There is no single water user group or action that can solve for all variables,” reminds Packard. “We’ll have to work creatively and collaboratively, across all water use sectors, to ensure a secure water future for our children and grandchildren.”

Most standards affect new construction and development, but because of incentives and education opportunities for any land-use type, owners can offset the expenses of retrofitting their properties for efficient water use.

“We’re in a ‘choose your change’ moment. Now is the time to make clearheaded decisions about the future.” said Packard. “It is an inevitable reality that we must bring our water supply demand and our water supply budget into balance, but how we accomplish this necessary adjustment is a choice. “

Starting at home is a great way to make an impact. One small fairly inexpensive way to help is to upgrade old indoor water fixtures to more efficient ones. Look for fixtures labeled [“WaterSense.”](#)

There are resources throughout the state to help in making larger water-wise decisions. You can [visit community learning gardens](#), check out the [Utah Water Savers](#) website, and talk to your local city planners to find out what standards they are implementing in your community.

Many cities throughout the state have already adopted [recommended water-efficiency standards](#), and others are currently in the process. Find out if your city has completed the process and, if not, encourage them to adopt the efficiency standards.

Making changes incrementally prevents more costly drought or crisis-forced measures. The next 50 years of planning is already underway, but it will require all Utah residents to commit to Be Water Wise.

# Perfume Punk's President, Mark Mason Taylor Honored With Rising Star Award By American Rose Society

PRESS RELEASE

Published August 15, 2023

**PRUnderground**

Perfume Punk, an acclaimed landscaper specializing in engineered, water-efficient, and cost-conscious rose gardens, takes immense pride in announcing that its President, Mark Mason Taylor, has received the illustrious Rising Star Award from the American Rose Society.

(PRUnderground) August 15th, 2023



[Perfume Punk](#), an acclaimed landscaper specializing in engineered, water-efficient, and cost-conscious rose gardens, takes immense pride in announcing that its CEO, Mark Mason Taylor, has received the illustrious Rising Star Award from the [American Rose Society](#).

The award was bestowed at the society's recent National Convention held in Shreveport, Louisiana. The Rising Star Award shines a spotlight on those under 45 who have significantly contributed to advancing the appreciation and culture of roses, our national floral emblem.

Mark Mason Taylor, an IT professional by trade, stands as a prominent figure in rose cultivation and sustainability. As the Strategic Development Chair for the [Utah Rose Society](#) (URS), Taylor has demonstrated an unwavering commitment to promoting the culture of roses.

Taylor made a significant contribution in unearthing and confirming the founding year of URS as 1935. Under his innovative leadership, URS membership has witnessed a remarkable surge of 121% due to a discount program he initiated. He

has delivered rose-related presentations in his community, authored a wealth of articles, and spearheaded the development of a new URS website.

On a broader level, Taylor has fostered a beneficial relationship with the Utah State University Extension Division, providing the public with updated insights about landscaping with roses. His role as an evaluator for the American Rose Trials for Sustainability program at the Conservation Garden Park in West Jordan, Utah, further highlights his commitment to sustainability.

Reflecting on the award, Taylor stated, "Monday through Friday, I work as an IT professional, and we never get awards, so for me, it's like a once-in-a-lifetime thing. I'm the first Utahn and the first rosarian from the Rocky Mountain District to win. This is the start of something big."

Taylor envisions a climate change countermeasure through roses. "Roses use 50% less water than grass, and 90% of the world's rose oil is grown in a climate just like ours. The rose isn't just our national floral emblem; it's a powerful weapon to combat climate change. This award changes my dream to a vision, from a possibility to a promise, from a hope to reality," he added.

Under Taylor's guidance, Perfume Punk is committed to creating a sustainable and vibrant landscape in Utah. His award is a testament to Perfume Punk's ongoing mission to develop water-efficient, low-maintenance, and cost-conscious landscaping and rose gardens.

Additionally, Dr. Mark Windham, eminent rose educator and authority on rose rosette disease, has been awarded the prestigious Joseph and Marion Klima Medal for Excellence in Rose Education at the event.

#### About Perfume Punk:

Perfume Punk is a distinguished landscaping company based in Sandy, Utah. Led by President Mark Mason Taylor, the company designs and engineers water-efficient, low-maintenance, and cost-conscious landscaping and roses. With the unique climate of Utah, Perfume Punk commits to nurturing roses while combatting climate change. The company is a Qualified Water Efficient Landscaper (QWEL) and Localscapes certified.

#### About The American Rose Society:

The American Rose Society is a non-profit educational organization working to promote the beauty, culture, and preservation of the rose. Their headquarters home, the American Rose Center – America's Rose Garden – features more than 7,000 rose bushes, translating into more than 400 different types of roses in one place. The grounds also include various sculptures, water features, a playground, and a picnic area. The American Rose Center, located at 8877 Jefferson Paige Road in Shreveport, LA, is open Monday through Saturday, 9 a.m. to 5 p.m., and Sunday, 1 p.m. to 5 p.m., Apr 1 through Oct 31.

#### About Elle Marketing and Events

Elle Marketing and Events is a full-service boutique marketing, branding, and event company. Our team of experts tells the story behind your business through powerful copywriting, beautiful images, strong branding, creative design, social media, videography, photography, and strategic events

The post [Perfume Punk's President, Mark Mason Taylor Honored With Rising Star Award By American Rose Society](#) first appeared on

**PRUNDERGROUND**

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF QUIT CLAIM DEED TO EDGE HOMES FOR  
PROPERTY ALONG THE CENTRAL PIPELINE IN BLUFFDALE, UTAH**

September 13, 2023

Summary: The District owns property in Bluffdale (approximately 1.965 acres) which serves as the alignment for the District's 48" welded steel Central Pipeline. Circumstances have arisen that would allow the District to best protect the Central Pipeline by deeding a 0.002 acre portion of this land to an adjacent development by Edge Homes.

**Recommendation:            Approve the Quit Claim Deed.**



JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF AGREEMENT  
TO SELL WATER RIGHT a32138a**

September 13, 2023

**Summary:** In 2006, JVVCD submitted a change application based on 240 shares of Utah and Salt Lake Canal Company requesting to divert 991 acre-feet from a well in Provo. The application was heavily protested but was eventually approved by the State Engineer in 2021. Staff has since identified alternative uses for the water right which would be more advantageous to JVVCD. The recommended alternative consists of selling the water right and using the proceeds to acquire other water rights which JVVCD can more cost effectively place to beneficial use or to construct new water supply infrastructure projects.

An agreement providing for the sale of water right a32138a has been negotiated. Closing of the transaction will be subject to obtaining State Engineer approval of a change application moving the point of diversion from the well in Provo to several wells in Lehi.

**Recommendation:**        **Approve the purchase agreement subject to minor revisions and designate the transaction proceeds to be deposited in the Capital Projects Fund.**