



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

**BOARD MEETING
OF THE BOARD OF TRUSTEES
JULY 12, 2023**

January 11, 2023

February 8, 2023

March 8, 2023

April 12, 2023

May 10, 2023

June 7, 2023

July 12, 2023

August 9, 2023

September 13, 2023

October 11, 2023

November 8, 2023

December 6, 2023

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

ACRONYMS AND ABBREVIATIONS

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

COMMON CONSENT ITEMS

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

(Unapproved and subject to change)

Held June 5, 2023

The Executive Committee meeting of the Board of Trustees of the Jordan Valley Water Conservancy District was held in person and electronically on Monday, June 5, 2023, at 3:35 p.m. at JVVCD's office located at 8215 South 1300 West, West Jordan, Utah.

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

Trustees Present:

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

Trustees Not Present:

Dawn R. Ramsey

Staff Present:

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

Also Present:

Jason Helm, General Manager, Granger-Hunter Improvement District (electronic)

Welcome

Mr. Corey Rushton, Chair, called the meeting to order at 3:35 p.m.

**Review agenda
for June 7,
2023, Board
meeting**

Mr. Rushton asked Mr. Alan Packard, General Manager, to proceed with the review of the proposed agenda. Mr. Packard reviewed the proposed agenda for the June 7, 2023, annual Board of Trustees meeting. Some of the topics for discussion and consideration included: consider approval of minutes of the annual Public Hearing/Board meeting held May 10, 2023, and the Trustees expenses report for May 2023; consider adoption of Resolution No. 23-11, "Adopting Jordan Valley Water Conservancy District's Retail Water Rates and Wholesale Water Rates for Fiscal year 2023-2024, and Amending Penalties and Fees for Services", consider adoption of Resolution No. 23-12, "Adopting Jordan Valley Water Conservancy District's Tentative Budget and Financial Plan for Fiscal Year 2023-2024"; consider adoption of Resolution No. 23-13, "Determining and Fixing Jordan Valley Water Conservancy District's Proposed Tax Rate for Fiscal Year 2023-2024"; consider scheduling final approval at the August 9, 2023, public hearing, at 6:00 p.m., to be held in person and electronically at 8215 South 1300 West in West Jordan, Utah, of the following items for fiscal year July 1, 2023, to June 30, 2024: determining, fixing, and adoption of a tax rate; and final adoption of the financial plan and budget; review completed Fraud Risk Assessment for fiscal year ending June 30, 2023; consider authorization to award a construction contract for Southeast Regional Water Treatment Plant Bridging Polymer System Improvements; consider authorization to award a construction contract for 5200 West 6200 South Reservoir Project; consider approval of pipeline crossing agreements with Utah Transit Authority for 3300 South Pipeline Replacement – Phase 2; core mission reports; standing committee reports; and various routine reporting items. A closed session was proposed to discuss the sale or purchase of real property and/or water rights or water shares and to discuss pending litigation.

**Review truth-in-
taxation
process**

Mr. David Martin, Chief Financial Officer, reviewed the requirements for the truth-in-taxation process when an increase in property tax is proposed, including Trustee reporting requirements in Utah Code Title 17B Chapter 1 Part 10. He provided a draft letter that will be sent to Trustees' legislative entities, requesting that a report on property tax increase be added as an item on the entity's meeting agenda, as required by the Utah Code. Mr. Martin said the purpose of additional tax revenue is to support the use of bonds/debt to fund large capital projects. Because of continued growth in JVVCD's service area, \$190 million in bonds will be issued over the next four years to pay for increasing the capacity of JVVCD's treatment and transmission system to provide water for the new growth.

**Discuss
proposed
Personnel
Rules and
Regulations
Policy changes**

Mr. Packard said policy changes are being prepared to better align with the Fair Labor Standards Act (FLSA). He also said there is a proposed administrative leave provision to promote unity, productivity and to lower health care costs. Mr. Mark Stratford, General Counsel, presented the proposed changes to the Sick Leave Policy and Administrative Leave Policy. Sick Leave Policy changes include an 800-hour maximum number of accrued hours, an annual conversion option for unused sick leave accrued during the year of 25% for any number of hours, 50% for 480 hours and above, and 100% for over 800 hours. He said the cash out amount at retirement would remain the same at 25% of the total sick leave balance.

The policy also proposes to grandfather in 32 employees that have more than 800 hours as of December 1, 2022, at their individual current balance.

Mr. Stratford said the current Workers' Compensation coverage does not provide an employee with the full amount of lost wages. Proposed changes would allow an employee on Workers' Compensation to be eligible to use accrued paid leave to supplement the employee's income up to their full wages.

Mr. Stratford then presented a proposed provision to the Administrative Leave Policy which would authorize a non-exempt employee, with the approval of the employee's supervisor, to take up to one hour of administrative leave each week to participate in physical fitness or community service activities, either as an individual or part of a group.

The FLSA implements policies that ensure employees are protected when working more than 40 hours in a week. Mr. Stratford said that JWCD also implements policies to ensure employees are protected and treated fairly. He proposed modifying JWCD policy to align with the Providing Urgent Maternal Protection (PUMP) Act. This policy would provide for a nursing employee to take reasonable break time to express breast milk each time the employee needs.

Mr. Stratford explained the difference between non-exempt and exempt employees. He stressed that the importance of the non-exempt and exempt classifications is due to payment of overtime under federal law, non-exempt employees qualify for overtime and exempt employees do not. Mr. Stratford proposed that the classification of a salaried non-exempt employee is eliminated from current policy.

Mr. Rushton asked if the hour of administrative leave could potentially create inequity between employees. Mr. Stratford said that participation is voluntary and that supervisors will determine what is appropriate. Mr. Rushton also inquired whether JWCD has designated rooms for nursing employees. Mr. Stratford said the PUMP Act requires that an employee has a private, separate space to express breast milk other than a bathroom, and that staff is considering options.

Mr. Gibby inquired whether health insurance costs would go down due to the administrative leave. Mr. Stratford said that additional physical activity can be helpful in influencing health insurance costs.

There was discussion surrounding the variances with sick leave and Mr. Rushton recommended implementing a short-term disability benefit since there currently is not one. Ms. Lang inquired about the level of interest from Trustees in adding a short-term disability benefit. Mr. Rushton said it is important to have when and employee needs it. Mr. Ashworth said JWCD offers AFLAC insurance which offers additional short-term coverage that employees can buy into.

Mr. Stratford said the proposed policy changes will be presented for consideration at the July 12, 2023, Board meeting.

Adjourn

Mr. Rushton called for a motion to adjourn. Mr. Mick Sudbury moved to adjourn. Following a second by Ms. Barbara Townsend, the meeting adjourned at 4:55 p.m.

Corey L. Rushton, Chair of the Board of Trustees

Alan E. Packard, District Clerk

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

(Unapproved and subject to change)

June 7, 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, June 7, 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
Zach Jacob
Karen D. Lang
Sherrie L. Ohrn
Mick M. Sudbury
Barbara L. Townsend

Trustees Not Present:

A. Reed Gibby
Dawn R. Ramsey
John H. Taylor

Staff Present:

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

Also Present:

Greg Anderson, General Manager, Kearns Improvement District
Tish Buroker, City Counsel, Riverton City
Mark Chalk, General Manager, Taylorsville-Bennion Improvement District (electronic)
Greg Davenport, Utility Manager, City of West Jordan
Clint Dilley, General Manager, Magna Water District (electronic)
Justun Edwards, Public Works Director, Herriman City (electronic)
Sam Fankhauser, Project Manager, AE2S (electronic)
Brien Maxfield, Senior Engineer, Draper City
Stacie Olson, Water Director, Riverton City
Jason Rasmussen, Public Works Director, South Jordan City (electronic)
David Robertson, Vice President, Lewis Young Robertson and Burningham
Dan Tracer, Assistant City Engineer, Bluffdale City (electronic)
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 3:00 p.m. on Wednesday, June 7, 2023. Mr. Rushton introduced the members of the Board and the public who joined the meeting both in person and electronically. Mr. John Taylor, Mr. Reed Gibby, and Ms. Dawn Ramsey were excused from the meeting.

Approval of common consent items

Mr. Rushton presented the minutes of the Public Hearing/Board meeting held May 10, 2023. He also presented the May 2023 Trustees' Expenses Report. Mr. Rushton called for a motion. Ms. Sherrie Ohrn moved to approve the minutes of the May 10th Public Hearing/Board meeting and the May 2023 Trustees' Expenses Report. Following a second by Mr. Mick Sudbury, the motion was approved by those present as follows:

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

Public comments

There were no public comments.

Core Mission Reports

Water supply update

Mr. Alan Packard, General Manager, reviewed the Municipal and Industrial (M&I) Water Deliveries report through May 2023, and the Wholesale Contract Progress report for each Member Agency. Ms. Sherrie Ohrn expressed appreciation for a recent letter sent out to Member Agencies regarding water availability and continued conservation messaging. Mr. Wade Tuft, Water Supply Manager, reviewed the Provo River Reservoirs Update, and the Wholesale and Retail Actual and Projected Deliveries report. He shared information on Trial Lake and Beaver Divide snow water equivalent levels and gave details on river flows and reservoir levels.

Water quality update

Mr. Jon Hilbert, Water Quality Division Manager, reported on laboratory analyst certification requirements. He said that NELAP (National Environmental Laboratory Accreditation Program) is a voluntary program to develop consensus national standards for environmental laboratory accreditation. He then reviewed the specific certification requirements for

each individual analyst's position at Jordan Valley Water's laboratory.

Standing Committee Reports

Mr. Brian McCleary, Controller, reviewed the Financial Report for April 2023. He said that the Year-to-Date Expenses and Revenues are very close to what was projected for the 2022/2023 budget. He also reviewed the Wholesale and Retail Water Sales Revenue and the Income Statement.

Finance update

Conservation update

Ms. Kelly Good, Communications Division Manager, reported on various conservation-related events that have occurred this spring, including: a press event announcing Salt Lake County's \$1 million grant for turf conversion projects, the Utah Water Savers' "Grass Doesn't Belong Everywhere" campaign kickoff with Governor Cox, and a Conservation Garden Park open house. Mr. Matt Olsen, Assistant General Manager, commended JWCD conservation staff for all their hard work during the last few months.

Financial matters

Consider adoption of Resolution No. 23-11, "Adopting JWCD's Retail Water Rates and Wholesale Water Rates for Fiscal Year 2023/2024, and Amending Penalties and Fees for Services"

Mr. Dave Martin, Chief Financial Officer, reviewed the proposed water rates for fiscal year 2023/2024, which includes an average rate adjustment of five percent. He said the proposed rates were tentatively approved at the April Board meeting and discussed with JWCD's Member Agencies at the Annual Member Agency meeting in April. JWCD's retail customers were sent a notice of a public hearing, which was held in May, where comments were made and noted. Mr. Martin reviewed the proposed wholesale and retail water rates and the amended penalties and fees for services for fiscal year 2023/2024. Mr. Martin recommended adoption of Resolution No. 23-11, "Adopting JWCD's Retail Water Rates and Wholesale Water Rates for Fiscal Year 2023/2024, and Amending Penalties and Fees for Services."

Mr. Rushton called for a motion on the recommendation. Ms. Barbara Townsend moved to approve Resolution No. 23-11. Following a second by Mr. Mick Sudbury, the motion was approved as follows:

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

Consider Adoption of Resolution No. 23-12, "Adopting JWCD's Tentative Budget and Financial Plan for Fiscal Year 2023/2024"

Mr. Martin said the fiscal year 2023/2024 tentative budget and financial plan have been discussed and reviewed at Finance Committee meetings and JWCD's May public hearing. The budget is based on 102,000 acre-feet of water deliveries, an average water rate increase of 5.0%, a property tax increase of approximately 9.0%, and using \$5.7 million from the Revenue Stabilization Fund. The proposed budget will fund the Operations and Maintenance budget, which includes a 7.5% inflation-related increase over the previous fiscal year budget, bond principal and interest, with a 9.7% increase due to a new bond issuance, and the budgeted transfers to reserve funds. Included in the budget is a merit pay increase of 6.5% or a step increase for employees below midpoint, and four new personnel positions. The total budget, sources and uses, is \$177 million. Mr. Martin reviewed the budgeted sources and uses of funds, the various departments'

proposed operating and maintenance budgets, general equipment budget, and capital projects budget.

Mr. Rushton called for a motion on the recommendation. Mr. Mick Sudbury moved to adopt Resolution No. 23-12. Following a second by Ms. Barbara Townsend, the motion was approved as follows:

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

Consider Adoption of Resolution No. 23-13, “Determining and Fixing JVVCD’s Proposed Tax Rate for Fiscal Year 2023/2024”

Mr. Martin said the certified tax rate is not available at this time as the State Tax Commission has not determined JVVCD’s certified tax rate yet. As a result, the resolution states the tax levy for fiscal year 2023/2024 shall be established using the estimated revenue from property taxes shown in the District’s adopted tentative budget. Because the proposed revenue exceeds the amount of tax revenue from last year in the amount of \$2.3 million, the proposed tax rate will exceed the certified tax rate and will require a Truth-in-Taxation process, including notification and a public hearing in August. Mr. Martin recommended adoption of Resolution No. 23-13, “Determining and Fixing JVVCD’s Proposed Tax Rate for Fiscal Year 2023/2024.”

Mr. Rushton called for a motion on the recommendation. Ms. Karen Lang moved to adopt Resolution No. 23-13. Following a second by Mr. Mick Sudbury, the motion was approved as follows:

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

Consider scheduling final approval at the August 9, 2023, public hearing, at 6:00 p.m., to be held in person and electronically at 8215 South 1300 West in West Jordan, Utah, of the following items for fiscal year July 1, 2023, to June 30, 2024: determining, fixing, and adoption of a tax rate; and final adoption of the financial plan and budget

Mr. Rushton called for a motion to schedule final approval at the August 9, 2023, public hearing, at 6:00 p.m., to be held in person and electronically at 8215 South 1300 West in West Jordan, Utah, of the following items for fiscal year July 1, 2023, to June 30, 2024: determining, fixing, and adoption of a tax rate; and final adoption of the financial plan and budget.

Ms. Barbara Townsend moved to set a public hearing for August 9, 2023, at 6:00 p.m. Following a second by Ms. Sherrie Ohrn, the motion was approved as follows:

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

**Review completed
Fraud Risk
Assessment for fiscal
year ending June 30,
2023**

Mr. Martin said the Fraud Risk Assessment is required to be presented to the Board before the end of the fiscal year and submitted to the State Auditor within six months of the end of the fiscal year. He said JVVCD has adopted all the policies and achieved all the recommended measures to achieve the highest score possible, which puts JVVCD at a very low risk of fraud.

**Engineering
Activities**

**Consider
authorization to
award a construction
contract for SERWTP
Bridging Polymer
System
Improvements**

Mr. Jacob Young, Deputy General Manager, said 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 and requires frequent maintenance, and this project will replace this aging system with a new system. Mr. Young recommended authorization to award a construction contract for SERWTP Bridging Polymer System Improvements to Corrio Construction in the amount of \$737,043.

Mr. Rushton called for a motion on the recommendation. Mr. Mick Sudbury moved to authorize the award of a construction contract to Corrio Construction in the amount of \$737,043 for the SERWTP Bridging Polymer System Improvements. Following a second by Ms. Karen Lang, the motion was approved by those present as follows:

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

**Consider
authorization to
award a construction
contract for 5200
West 6200 South
Reservoir Project**

Mr. Young said this project will construct a new 6.8 million gallon buried concrete reservoir at 5200 West 6200 South, which will help serve the growing demands in the northwest section of JVVCD's service area. Mr. Young noted that the 10-Year Capital Projects Plan has now been updated to account for anticipated project costs, and this project will be included in three fiscal year budgets. Mr. Young recommended authorization to award a construction contract for 5200 West 6200 South Reservoir Project to Ralph L. Wadsworth Construction in the amount of \$15,522,920.

Mr. Rushton called for a motion on the recommendation. Ms. Sherrie Ohrn moved to authorize the award of a construction contract to Ralph L. Wadsworth Construction in the amount of \$15,522,920 for 5200 West 6200 South Reservoir Project. Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

**Consider approval of
pipeline crossing
agreements with UTA
for 3300 South
Pipeline Replacement
– Phase 2**

Mr. Young said the Board approved the construction contract for the 3300 South Pipeline Replacement - Phase 2 project at the April Board meeting. As part of this project, there are two crossings with UTA facilities which require written agreements with UTA. Mr. Young recommended approval of pipeline crossing agreements with Utah Transit Authority for the 3300 South

Pipeline Replacement-Phase 2 and authorize the Chair to execute the agreements subject to non-substantial changes deemed necessary by the General Counsel.

Mr. Rushton called for a motion on the recommendation. Mr. Mick Sudbury moved to approve pipeline agreements with Utah Transit Authority for the 3300 South Pipeline Replacement – Phase 2 and authorize the Chair to execute the agreements subject to non-substantial changes deemed necessary by the General Counsel. Following a second by Ms. Barbara Townsend, the motion was approved by those present as follows:

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

Reporting Items

Mr. Packard reviewed the routine reporting items which included: the Central Utah Project/CUWCD activities report, facilities rental agreements signed by the General Manager, easement encroachment agreements signed by the General Manager, performance indicators for April 2023, and media coverage. Mr. Shane Swensen, Engineering Department Manager and Chief Engineer, gave a final project completion report on the 11400 South Redwood Road Meter Vault Rehabilitation. He also gave an update on the JWVTP Sedimentation Basins 3-6 Equipment Replacement project.

Upcoming meetings

Mr. Rushton reviewed the upcoming meetings including the Conservation Committee meeting, Monday, July 10 at 3:00 p.m.; Executive Committee meeting, Monday, July 10 at 3:30 p.m.; and regular Board meeting, Wednesday, July 12 at 3:00 p.m.

Closed meeting

Mr. Rushton proposed to convene a closed meeting at 4:19 p.m. to discuss the sale or purchase of real property and/or water rights or water shares and pending litigation. Ms. Barbara Townsend moved to go into closed session for the discussions. Following a second by Mr. Mick Sudbury, the motion was approved by those present as follows:

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

The closed meeting convened at 4:23 p.m. with the following Trustees present: Mr. Zach Jacob, Ms. Karen Lang, Ms. Sherrie Ohrn, Mr. Corey Rushton, Mr. Mick Sudbury, 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; Mark Stratford, General Counsel; Dave Martin, Chief Financial Officer; and Beverly Parry, Executive Assistant.

No votes or actions were taken during the closed meeting.

Open meeting

The open meeting reconvened at 4:43 p.m. 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 4:44: p.m.

Adjourn

Corey L. Rushton, Chair of the Board of Trustees

Alan E. Packard, District Clerk

JORDAN VALLEY WATER CONSERVANCY DISTRICT TRUSTEES EXPENSES REPORT

JUNE 2023

Meeting	AWWA June 14, 2023	AWWA June 13, 2023	AWWA June 12, 2023	Executive Committee Meeting June 5, 2023	Board Meeting June 7, 2023	Per Diem To Date for 2023 (Maximum 12)	Total Miles	Mileage \$.62 per mile	Total Per Diem	Total Amount
Trustee										
Gibby, Reed				X		10	30.0	\$18.60	\$ 60	\$78.60
Jacob, Zach				X	X	2	14.0	\$8.68	\$ 120	\$128.68
Lang, Karen				X	X	3	42.0	\$26.04	\$ -	\$26.04
Ohrn, Sherrie	X	X	X	X	X	5	54.0	\$33.48	\$ 90	\$123.48
Ramsey, Dawn	X	X	X			5	0.0	\$0.00	\$ 270	\$270.00
Rushton, Corey				X	X	0	40.0	\$24.80	\$ -	\$24.80
Sudbury, Mick				X	X	0	58.0	\$35.96	\$ -	\$35.96
Taylor, John				X		0	0.0	\$0.00	\$ -	\$0.00
Townsend, Barbara	X	X	X	X	X	3	40.0	\$24.80	\$ 270	\$294.80
Total										\$982.36

CORE MISSION REPORTS

WATER SUPPLY UPDATE

JORDAN VALLEY WATER CONSERVANCY DISTRICT

Monthly Summary of Water Deliveries in Acre Feet

June 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	455.12	439.65	4%	1,361.72	1,390.42	-2%	3,350.45	3,312.67	1%
Copperton Improvement District	0.00	0.00		0.00	0.00		29.23	1.45	1916%
Draper City	609.88	607.82	0%	1,567.74	1,608.27	-3%	4,204.94	4,193.75	0%
Granger-Hunter Improvement District	2,225.40	2,519.89	-12%	7,425.02	7,816.12	-5%	18,938.71	18,532.58	2%
Herriman City ³	772.10	998.33	-23%	1,913.34	2,246.39	-15%	5,532.94	5,242.84	6%
Hexcel Corporation	89.14	77.62	15%	479.95	382.90	25%	933.80	658.26	42%
Kearns Improvement District	837.48	906.26	-8%	2,812.17	2,973.79	-5%	7,217.72	7,155.01	1%
Magna Water District	66.33	68.34	-3%	407.99	398.08	2%	798.63	802.82	-1%
Midvale City	464.60	342.07	36%	1,328.09	969.79	37%	3,449.81	2,760.75	25%
Riverton City	585.04	539.18	9%	2,439.82	2,223.48	10%	5,220.03	4,749.61	10%
South Jordan City ³	2,305.06	2,337.96	-1%	6,183.45	6,236.80	-1%	16,481.61	15,304.31	8%
City of South Salt Lake	117.35	65.78	78%	651.63	504.25	29%	1,073.36	1,020.14	5%
Taylorville-Bennion Improvement District	319.22	227.09	41%	2,403.69	2,278.67	5%	4,824.73	4,568.69	6%
Utah Div. of Fac. Const. and Mgmt.	31.77	36.61	-13%	116.24	243.83	-52%	227.75	447.26	-49%
WaterPro, Inc.	167.93	76.42	120%	426.91	531.49	-20%	1,129.11	1,331.44	-15%
City of West Jordan ³	2,521.50	2,761.66	-9%	7,622.95	8,066.35	-5%	20,336.14	18,792.66	8%
White City Water Improvement District	0.00	0.00		0.00	0.00		0.00	0.00	
Willow Creek Country Club ⁶	52.31	56.26	-7%	98.08	96.90	1%	303.13	269.01	13%
Wholesale System Subtotal	11,620.23	12,060.95	-4%	37,238.81	37,967.54	-2%	94,052.09	89,143.27	6%
Retail System ²	791.73	915.11	-13%	2,756.86	2,782.06	-1%	7,158.97	7,011.83	2%
Total Wholesale & Retail	12,411.96	12,976.06	-4%	39,995.67	40,749.60	-2%	101,211.06	96,155.10	5%

Other M&I Deliveries

MWDSLS (Treated and Transported) ⁴	1,064.81	1,152.54	-8%	2,882.87	3,559.69	-19%	10,106.92	10,625.35	-5%
District Use (Non-revenue) ⁵	74.47	77.86	-4%	239.97	244.50	-2%	607.27	576.93	5%
Other M&I Subtotal	1,139.28	1,230.40	-7%	3,122.85	3,804.19	-18%	10,714.19	11,202.28	-4%
Total M&I Deliveries	13,551.23	14,206.46	-5%	43,118.52	44,553.78	-3%	111,925.24	107,357.38	4%

Irrigation and Raw Water Deliveries

Welby Jacob Water Users	4,806.89	4,682.97	3%	8,289.79	9,211.08	-10%	22,381.69	24,713.95	-9%
Total Irrigation and Raw Water	4,806.89	4,682.97	3%	8,289.79	9,211.08	-10%	22,381.69	24,713.95	-9%
Total Deliveries	18,358.12	18,889.43	-3%	51,408.31	53,764.86	-4%	134,306.93	132,071.34	2%

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

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

³ Contract amount is minimum purchase plus remediated water.

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

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

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

Jordan Valley Water Conservancy District

Wholesale Contract Progress (af)

June 2023

■ Actual % of Contract
■ Projected³ % of Contract

Agency Name	Contract Type	Actual % of Contract	Projected ³ % of Contract	Contract Value (af)	Actual Value (af)	Projected Value (af)
Bluffdale City	Conventional	38%	94%	3,600	1,362	3,394
	Deferred Water ⁴	0%		71	0	
Draper City	Conventional	41%	115%	3,800	1,568	4,360
Granger-Hunter Improvement District	Conventional	40%	101%	18,500	7,425	18,756
Herriman City	Conventional	32%	93%	5,200	1,689	4,829
	Deferred Water ⁴	0%		8	0	
	Remediated ²	34%	79%	667	224	529
Hexcel Corporation	Conventional	67%	116%	720	480	836
Kearns Improvement District	Conventional	37%	99%	7,500	2,812	7,461
Magna Water District	Conventional	50%	99%	800	397	795
	Deferred Water ⁴	100%		11	11	
Midvale City	Conventional	43%	106%	3,085	1,328	3,276
Riverton City	Conventional	61%	127%	4,000	2,440	5,080
South Jordan City	Conventional	38%	103%	15,000	5,736	15,451
	Remediated ²	34%	79%	1,333	448	1,058
City of South Salt Lake ¹	Conventional	105%	105%	1,020	1,073	1,073
Taylorsville-Bennion Improvement District	Conventional	51%	100%	4,700	2,403	4,704
	Deferred Water ⁴	100%		0	0	
Utah Division of Facilities Construction and Management	Conventional	21%	55%	548	116	300
	Deferred Water ⁴	0%		82	0	
WaterPro, Inc.	Conventional	45%	137%	950	427	1,298
City of West Jordan	Conventional	38%	101%	18,500	7,119	18,658
	Remediated ²	34%	79%	1,500	504	1,190

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

²Remediated water is credited first as it becomes available.

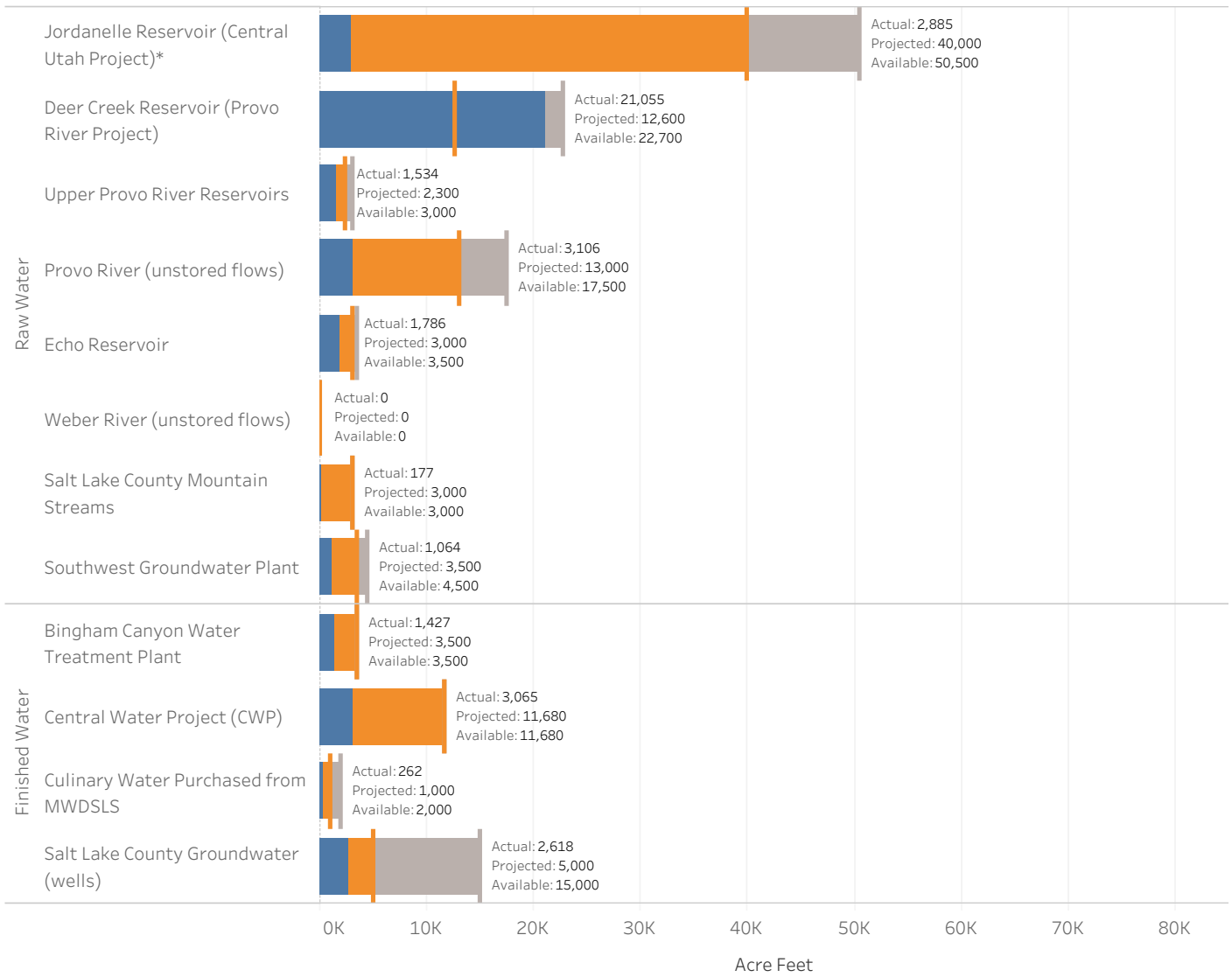
³Projected deliveries are calculated as an average monthly delivery over the previous three years for months left in the contract year.

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

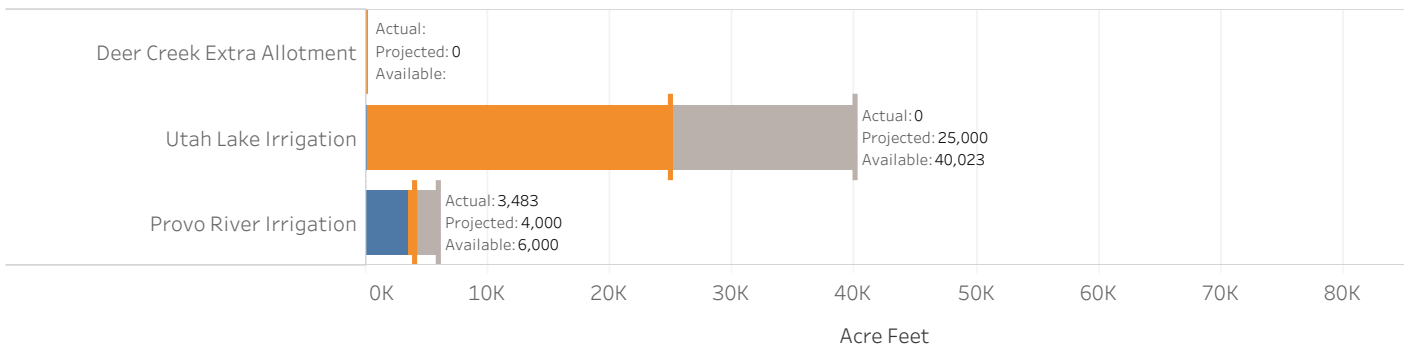
Jordan Valley Water Conservancy District

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

Actual
Projected
Available



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



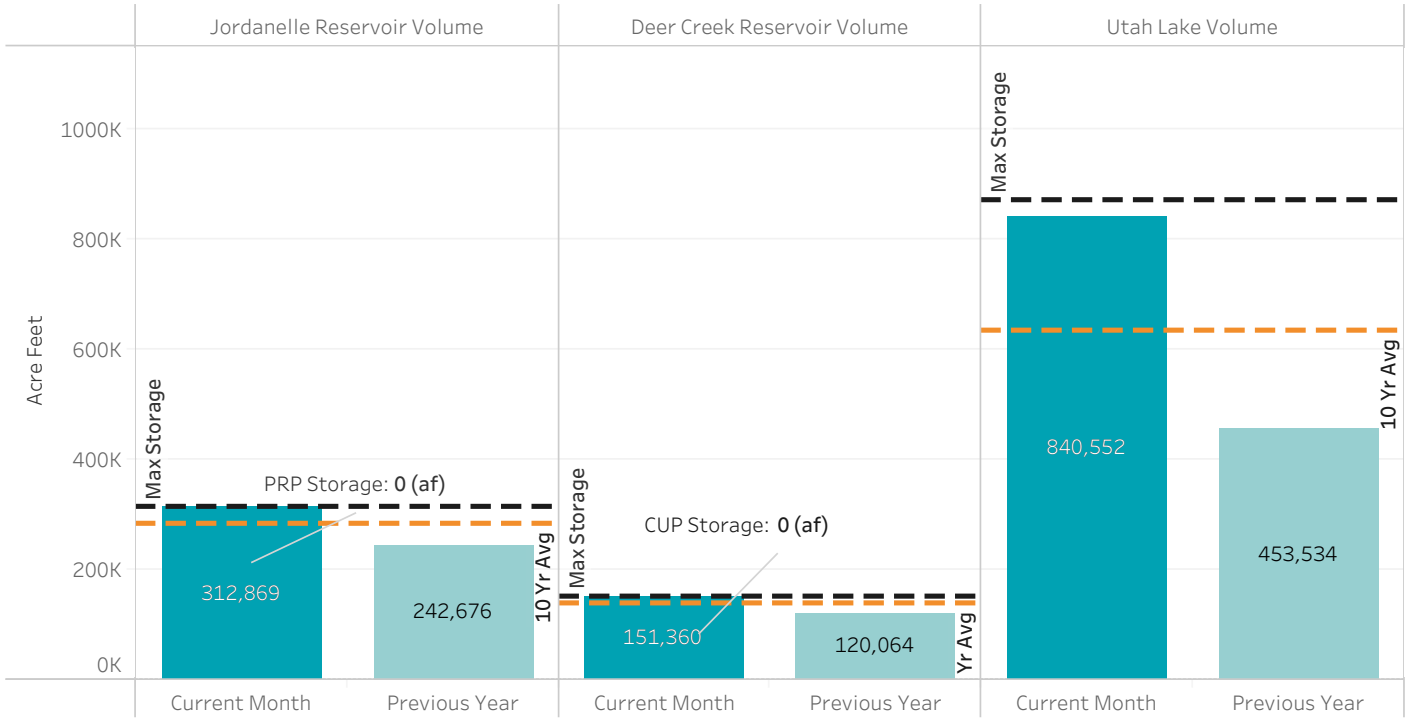
*Central Utah Project may include holdover water from the previous year.

Jordan Valley Water Conservancy District

Provo River Reservoirs Update

June 30, 2023

- Current Month
- Other Storage
- Previous Year



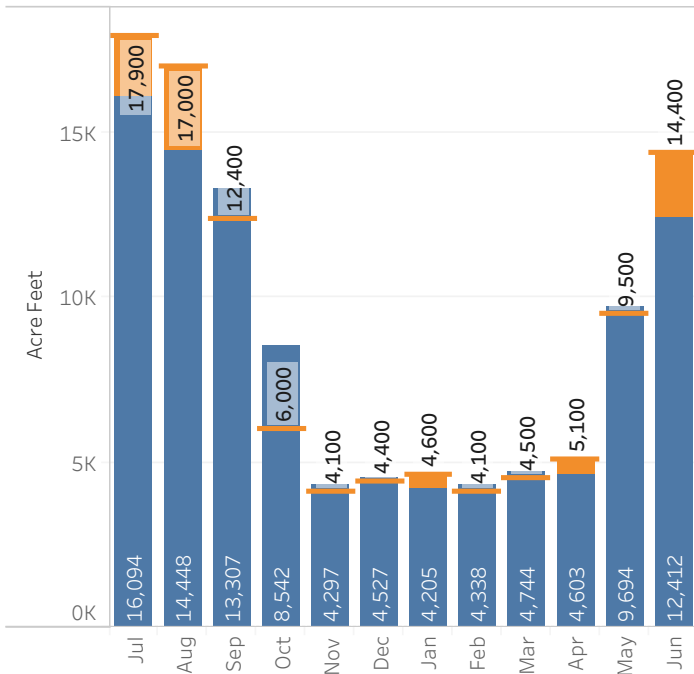
10 Yr Avg for Jordanelle Reservoir may not include all ten years. The available data for Jordanelle Reservoir begins with April, 2014.

Wholesale + Retail Actual & Projected Deliveries

FY 2023

Through June 2023

- Actual
- Projected

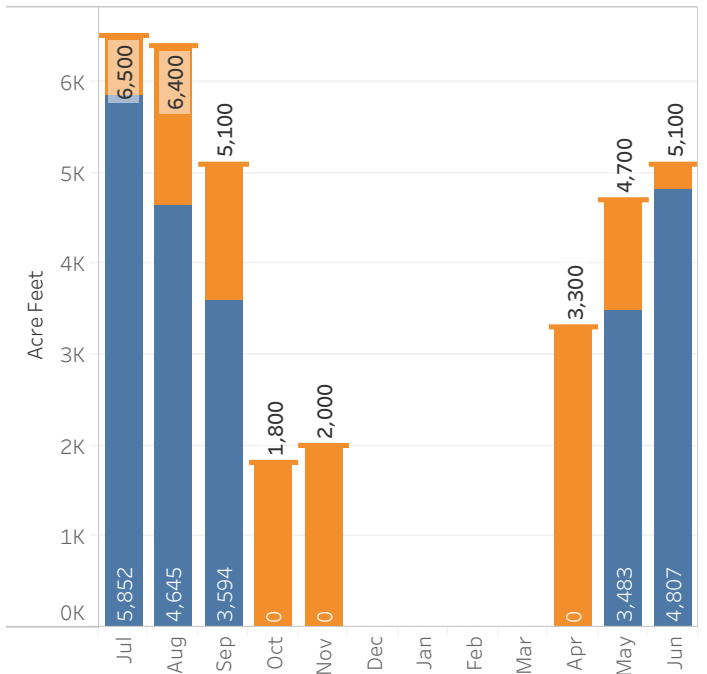


Irrigation Actual & Projected Deliveries

FY 2023

Through June 2023

- Actual
- Projected

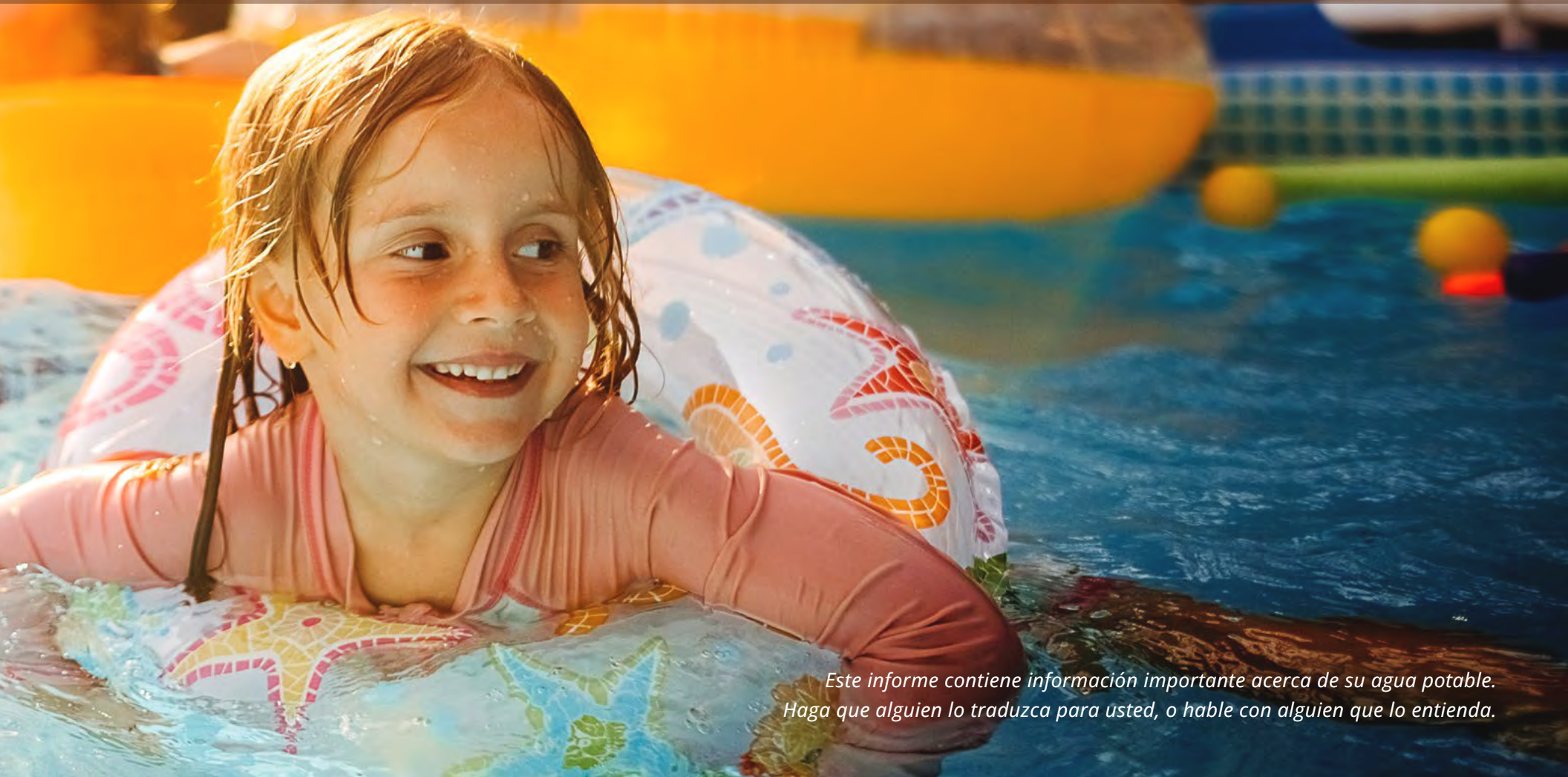


WATER QUALITY UPDATE



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Consumer Confidence Report 2022



*Este informe contiene información importante acerca de su agua potable.
Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.*



Your Water is in Good Hands




Jordan Valley Water Conservancy District (JVWCD) performs regular testing of our water so you can be confident using the water from your tap. Based on the extensive testing we performed throughout 2022, we are in compliance with water quality standards established by the Environmental Protection Agency (EPA) and state agencies. Additionally, our advanced treatment processes allow us to meet internal standards that are even more stringent than what is required by law.

In addition to testing, JVWCD has developed state-approved groundwater and surface water protection programs for its water sources. These programs develop partnerships to prevent potential contamination of drinking water sources.

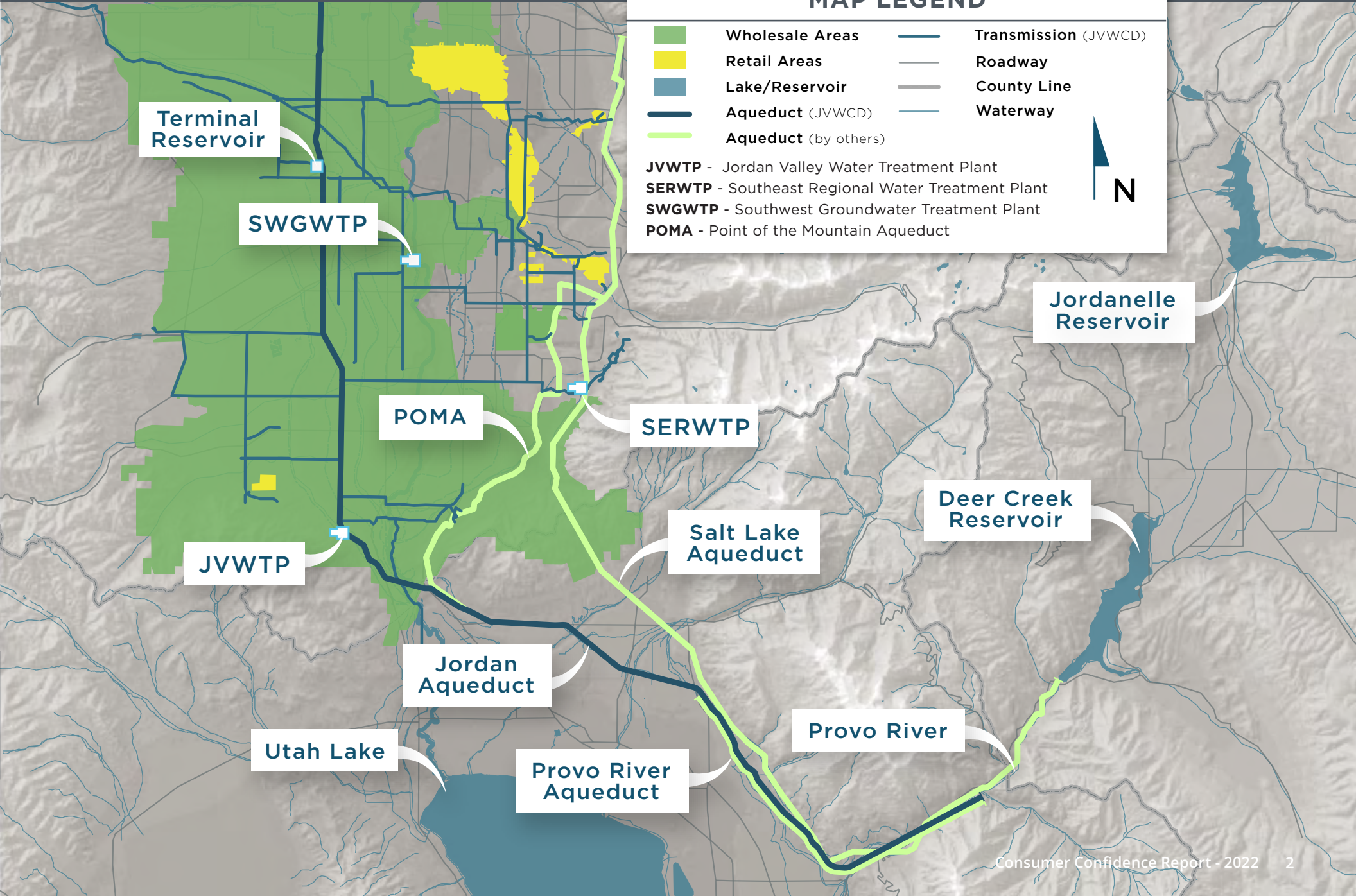
JVWCD is proud of the quality water and services we provide every day.



MAP LEGEND

- | | | | |
|---|-----------------------------|---|-----------------------------|
|  | Wholesale Areas |  | Transmission (JVWCD) |
|  | Retail Areas |  | Roadway |
|  | Lake/Reservoir |  | County Line |
|  | Aqueduct (JVWCD) |  | Waterway |
|  | Aqueduct (by others) | | |

JVWTP - Jordan Valley Water Treatment Plant
SERWTP - Southeast Regional Water Treatment Plant
SWGWTP - Southwest Groundwater Treatment Plant
POMA - Point of the Mountain Aqueduct



Water Quality Testing

The testing results on the following pages include all parameters required by state and federal agencies for 2022. Additionally we test for parameters above and beyond those required to ensure the water we provide is a quality product. These results are also included.

Notes

Annual monitoring isn't required for parameters with 'Last Sampled' years marked with an '' since concentration levels are typically slow to change.*

Secondary Standards (SS or NSDWR) are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply with the standard.



Water Quality Data

Units, and Abbreviations

Units

CU: Color Unit
 Cysts/1L: Cysts per one liter
 mg/L: milligrams per liter
 mg/L: milligrams per liter
 MPN/mL: most probable number per milliliter
 MFL: millions of fibers per liter
 ng/L: nanograms per liter
 NTU: Nephelometric Turbidity Unit

Oocysts/1L: Oocysts per one liter
 pCi/L: picocuries per liter
 pg/L: picograms per liter
 ppm: parts per million
 TON: Threshold Odor Unit
 ug/L: micrograms per liter
 umhos/cm: micro ohms per centimeter
 1/cm: one per centimeter

Abbreviations

AL: Action Level
 HAA5s: Five Haloacetic Acids
 HPC: Heterotrophic Plate Count
 MCL: Maximum Contaminant Level
 MCLG: Maximum Contaminant Level Goal
 NA: Not Applicable
 ND: None Detected
 NE: Not Established
 PCBs: Polychlorinated Biphenyls
 SOCs: Synthetic Organic Chemicals
 SS: Secondary Standard
 TT: Treatment Technique
 TTHM: Total Trihalomethanes
 UV: Ultraviolet
 UR: Unregulated
 VOCs: Volatile Organic Compounds

Regulated Parameters - Detected *(Required report)*

While all regulated parameters are tested for, only those that are found are reported. The parameters in this table were found in water testing in 2022. All items were within acceptable limits, with no violations.

Parameter	2022 Avg.	2022 Max.	2022 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
DISINFECTANTS / DISINFECTION BY-PRODUCTS								
Chlorine Dioxide (ug/L)	0.04	0.44	ND	800	NE	No	2022	Drinking water disinfectant
Chlorine (mg/L)	0.7	1.3	ND	4.0	NE	No	2022	Drinking water disinfectant
Chlorite (mg/L)	0.46	0.99	ND	1.00	0.80	No	2022	By-product of drinking water disinfection
HAA5s (ug/L)	14.6	49.2	ND	60.0	NE	No	2022	By-product of drinking water disinfection
HAA6 (ug/L)	25.1	54.4	ND	UR	NE	No	2022	By-product of drinking water disinfection
Highest Annual Location-Wide Avg.(ug/L)	TTHM=40.0 ug/L, HAA5s=22.8 ug/L							
TTHMs (ug/L)	20.5	74.6	ND	80.0	NE	No	2022	By-product of drinking water disinfection
LEAD and COPPER (tested at the consumer's tap) - monitoring required every 3 years.								
Copper (ug/L)	0.132	0.545	0.009	AL=1300	NE	No	2022	Naturally occurring
Lead (ug/L)	0.002	0.010	ND	AL=15	NE	No	2022	Naturally occurring
90 th Percentile	Lead=0.0058 ppm, Copper=0.2520 ppm						2022	Concentration of naturally occurring, UV-absorbing organic compounds
# of sites above Action Level	Lead=0, Copper=0						2022	Concentration of naturally occurring, UV-absorbing organic compounds
MICROBIOLOGICAL								
HPC (MPN/mL)	14.8	68.0	0.2	500.0	0.0	No	2022	Used to measure the overall bacteriological quality of drinking water
Total Coliform (% Positive/ Month)	0.00%	0.00%	0.00%	Not >5%	0.00	No	2022	All repeat samples negative, no violations. Human and animal fecal waste
ORGANIC MATERIAL								
Dissolved Organic Carbon (mg/L)	1.8	2.3	1.2	TT	NE	No	2022	Naturally occurring
Total Organic Carbon (mg/L)	1.97	3.00	ND	TT	NE	No	2022	Naturally occurring
UV-254 (1/cm)	0.02	0.04	0.01	UR	NE	No	2022	Concentration of naturally occurring, UV-absorbing organic compounds

Water Quality Data *Cont.*

Parameter	2022 Avg.	2022 Max.	2022 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
PRIMARY INORGANICS								
Antimony (ug/L)	0.00002	0.00050	ND	6.00	6.00	No	2022	Petroleum refinery discharge, fire retardants, ceramics, electronics, solder
Arsenic (ug/L)	1.1	3.7	ND	10.0	0.0	No	2022	Erosion of natural deposits and runoff from orchards
Barium (ug/L)	53.2	150.0	ND	2000	2000	No	2022	Erosion of natural deposits
Cadmium (ug/L)	0.00001	0.00030	ND	5.00	5.00	No	2022	Corrosion of galvanized pipes, erosion of natural deposits
Copper (ug/L)	5.8	125.0	ND	NE	NE	No	2022	Erosion of natural deposits
Cyanide, Free (ug/L)	0.3	3.0	ND	200.0	200.0	No	2022	Steel/metal, plastic, and fertilizer factory discharges
Fluoride (mg/L)	0.51	0.80	ND	4.0	4.0	No	2022	Erosion of natural deposits, fertilizers added at source
Lead (ug/L)	0.05	1.00	ND	NE	NE	No	2022	Erosion of natural deposits
Nickel (ug/L)	0.3	3.7	ND	NE	NE	No	2022	Erosion of natural deposits
Nitrate (mg/L)	1.16	2.90	ND	10.0	10.0	No	2022	Fertilizer, leaching septic tanks, and naturally occurring material
Selenium (ug/L)	0.6	8.1	ND	50.0	50.0	No	2022	Erosion of natural deposits
Sodium (mg/L)	19.4	74.2	8.0	NE	NE	No	2022	Erosion of natural deposits and runoff from road deicing
Sulfate (mg/L)	50.2	239.0	5.4	1000	NE	No	2022	Erosion of natural deposits
Thallium (ug/L)	0.1	1.1	ND	2.0	0.5	No	2022	Ore-processing sites, electronics, glass and drug factories
TDS (mg/L)	248	652	88	2000	NE	No	2022	Erosion of natural deposits
Turbidity - Groundwater (NTU)	0.17	0.70	0.01	5.0	NE	No	2022	Soil runoff (MCL is 5.0 for groundwater)
Turbidity - Surface Water (NTU)	0.03	0.11	0.01	0.3	TT	No	2022	Soil runoff (MCL is 0.3 NTU 95% of the time for surface water)
Lowest Monthly % Meeting Turbidity (%)	100% (Treatment Technique requirement applies only to treated surface water sources)							
PROTOZOA (sampled at source water)								
Giardia (Cysts/1L)	1.5	7.0	ND	TT	0.00	No	2022	Enters lakes and rivers through sewage and animal waste
RADIOLOGICAL								
Radium 226 (pCi/L)	0.2	1.3	-0.5	NE	NE	No	2022	Decay of natural and man-made deposits
Radium 228 (pCi/L)	0.4	1.3	-0.3	NE	NE	No	2022	Decay of natural and man-made deposits
Gross-Alpha (pCi/L)	2.9	7.2	0.5	15.0	NE	No	2022	Decay of natural and man-made deposits
Gross-Beta (pCi/L)	3.8	11.0	0.9	50.0	NE	No	2022	Decay of natural and man-made deposits
Uranium (ug/L)	3.3	10.1	0.002	30.0	NE	No	2021*	Decay of natural and man-made deposits
SECONDARY INORGANICS - Aesthetic standards								
Chloride (mg/L)	37.9	161.0	10.0	SS=250	NE	No	2022	Erosion of natural deposits
Color (CU)	3.56	10.00	0.12	SS=15	NE	No	2022	Decaying naturally occurring organic material and suspended particles
Iron (ug/L)	23.2	313.0	ND	SS=300	NE	No	2022	Erosion of natural deposits
Manganese (ug/L)	1.4	34.0	ND	SS=50	NE	No	2022	Erosion of natural deposits
pH	7.66	8.74	6.74	SS = 6.5 - 8.5	NE	No	2022	Naturally occurring and affected by chemical treatment
Zinc (ug/L)	0.03	1.00	ND	SS=5000	NE	No	2022	Erosion of natural deposits

Water Quality Data *Cont.*

Parameter	2022 Avg.	2022 Max.	2022 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
VOCs								
Chloroform (ug/L)	6.5	28.0	ND	UR	NE	No	2022	By-product of drinking water disinfection
Dibromochloromethane (ug/L)	0.60	2.90	ND	UR	NE	No	2022	By-product of drinking water disinfection
Bromodichloromethane (ug/L)	2.2	6.8	ND	UR	NE	No	2022	By-product of drinking water disinfection

Regulated Parameters - Non-detected *(Voluntary report)*

These required parameters were tested for in 2022, but not detected. They are included just for your information.

Parameter	2022 Avg.	2022 Max.	2022 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
DISINFECTANTS / DISINFECTION BY-PRODUCTS								
Bromate (ug/L)	ND	ND	ND	10.0	NE	No	2022	By-product of drinking water disinfection
PESTICIDES/PCBs/SOCs								
Bis (2ethylhexyl) phthalate (ug/L)	ND	ND	ND	6.0	0.0	No	2022	Discharge from rubber and chemical factories
All Other Parameters (ug/L)	ND	ND	ND	Various	Various	No	2022	Various sources
PRIMARY INORGANICS								
Asbestos (MFL)	ND	ND	ND	7.0	7.0	No	2021*	Decay of asbestos cement in water mains, erosion of natural deposits
Beryllium (ug/L)	ND	ND	ND	4	4	No	2022	Discharge from metal refineries and coal burning factories
Chromium (ug/L)	ND	ND	ND	100.0	100.0	No	2022	Discharge from steel and pulp mills, erosion of natural deposits
Mercury (ug/L)	ND	ND	ND	2.00	2.00	No	2022	Erosion of natural deposits and runoff from landfills
Nitrite (mg/L)	ND	ND	ND	1.0	1.0	No	2022	Runoff from fertilizer, septic tank leaching, and naturally occurring
RADIOLOGICAL								
Radon (pCi/L)	ND	ND	ND	NE	NE	No	2022	Naturally occurring in soil
SECONDARY INORGANICS - Aesthetic standards								
Aluminum (ug/L)	ND	ND	ND	SS=50-200	NE	No	2022	Erosion of natural deposits and treatment residuals
Odor (TON)	ND	ND	ND	SS=3	NE	No	2022	Various sources
Silver (ug/L)	ND	ND	ND	SS=100	NE	No	2022	Erosion of natural deposits
VOCs								
Bromoform (ug/L)	ND	ND	ND	UR	NE	No	2022	By-product of drinking water disinfection
All Other Parameters (ug/L)	ND	ND	ND	Various	Various	No	2022	Various sources

Water Quality Data *Cont.*

Unregulated Parameters - Detected and Non-Detected *(Voluntary report)*

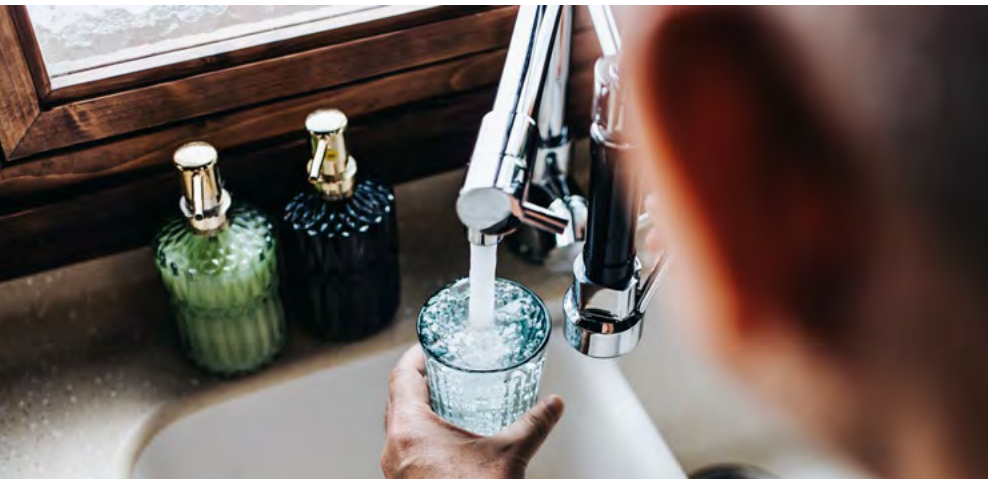
We test for a variety of other parameters not required by law. These parameters were either detected within acceptable limits or not detected in our testing in 2022. Unregulated items are not subject to violations.

Parameter	2022 Avg.	2022 Max.	2022 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
				MCL	MCLG	Violation		
UNREGULATED PARAMETERS DETECTED - Monitoring not required								
Alkalinity, Bicarbonate (mg/L)	145.5	225.0	99.0	UR	NE	No	2022	Naturally occurring
Alkalinity, Carbonate (mg/L)	0.3	4.0	ND	UR	NE	No	2022	Naturally occurring
Alkalinity, Total (CaCo3) (mg/L)	115.6	225.0	26.0	UR	NE	No	2022	Naturally occurring
Ammonia (mg/L)	0.30	0.30	0.30	UR	NE	No	2018*	Runoff from fertilizer and naturally occurring
Bromide (ug/L)	9.9	14.3	ND	UR	NE	No	2021	Naturally occurring
Boron (ug/L)	35.0	39.0	31.0	UR	NE	No	2018*	Erosion of natural deposits
Calcium (mg/L)	42.4	86.6	22.7	UR	NE	No	2022	Erosion of natural deposits
Chemical Oxygen Demand (mg/L)	11.0	18.0	ND	UR	NE	No	2014*	Naturally occurring organic compounds in water
Conductance (umhos/cm)	417.6	1100.0	12.6	UR	NE	No	2022	Naturally occurring
Cyanide, Total (ug/L)	0.22	2.00	ND	UR	NE	No	2022	Steel/metal, plastic, and fertilizer factory discharges
Geosmin (ng/L)	3.5	12.3	ND	UR	NE	No	2022	Naturally occurring organic compound associated with musty odor
Hardness, Calcium (mg/L)	115.4	210.0	18.0	UR	NE	No	2022	Erosion of natural deposits
Hardness, Total (mg/L)	173.1	381.0	75.6	UR	NE	No	2022	Erosion of natural deposits
Magnesium (mg/L)	15.1	41.3	ND	UR	NE	No	2022	Erosion of natural deposits
Orthophosphates (ug/L)	2.3	20.0	ND	UR	NE	No	2022	Erosion of natural deposits
Potassium (mg/L)	2.3	10.9	ND	UR	NE	No	2022	Erosion of natural deposits
Total Suspended Solids (mg/L)	0.25	4.00	ND	UR	NE	No	2022	Erosion of natural deposits
Turbidity, Distribution System (NTU)	0.49	1.80	0.06	UR	NE	No	2022	Suspended material from soil runoff
Vanadium (ug/L)	2.0	2.2	ND	UR	NE	No	2021*	Naturally occurring
UNREGULATED PARAMETERS NON-DETECTED - Monitoring not required								
Alkalinity, Hydroxide (mg/L)	ND	ND	ND	UR	NE	No	2022	Naturally occurring
Chloropicrin (ug/L)	ND	ND	ND	UR	NE	No	2014*	Antimicrobial, fungicide chemical compound
Chromium VI (mg/L)	ND	ND	ND	UR	NE	No	2011*	Industrial runoff and naturally occurring
Cobalt (mg/L)	ND	ND	ND	UR	NE	No	2022	Erosion of natural deposits
Dioxin (pg/L)	ND	ND	ND	UR	NE	No	2009*	Industrial discharge from factories
Molybdenum (ug/L)	ND	ND	ND	UR	NE	No	2022	By-product of copper and tungsten mining
Oil & Grease (mg/L)	ND	ND	ND	UR	NE	No	2016*	From natural underground deposits or from man made lubricants
Silica (Silicon Dioxide) (mg/L)	ND	ND	ND	UR	NE	No	2020*	Erosion of natural deposits

A Message From the EPA

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA **Safe Drinking Water Hotline: (800) 426-4791**.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the **Safe Drinking Water Hotline: (800) 426-4791**.



EPA Safe Drinking Water Hotline
(800) 426-4791

Cryptosporidium

Cryptosporidium is a naturally-occurring, microscopic organism that may enter lakes and rivers from the fecal matter of humans or infected domestic and wild animals. When healthy adults are exposed to Cryptosporidium through the food or water they ingest, it can cause diarrhea, fever, and stomach pains. For individuals with compromised immune systems, exposure to Cryptosporidium may pose a more serious health threat.

We are committed to providing protection against Cryptosporidium and other microorganisms by using a multi-barrier treatment approach. Although we are already meeting all EPA Cryptosporidium requirements with existing facilities and technologies, we will continue to pursue new technologies that may provide improved protection.

Radon

Radon is a colorless, odorless gas found naturally in soil. While it can be present in drinking water obtained from underground sources, it is not typically a concern for water from surface sources such as lakes and rivers. EPA estimates radon in drinking water contributes less than two percent to the total radon levels found in air is the most likely source for health concerns. Radon in water can escape into the air when showering or cooking. The amount of radon present in water provided by JWCD (as listed in the water quality data table) is not considered a health concern.

Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. JWCD is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or a or www.epa.gov/safewater/lead.

New Lead (Pb) Regulations

As always, JWCD is committed to providing safe and reliable drinking water. We regularly test for lead in our water system and to date it has always been within acceptable limits. However, lead can get into water as it sits in or passes through the internal plumbing or fixtures of your home or business depending on the materials used and year of construction. Older buildings are more likely to have plumbing systems that contain lead.

The EPA's new Lead and Copper Rule Revisions require JWCD to compile a database of service line materials on both the public and private side of the property line.

Typically, JWCD is responsible for the infrastructure from the water main to the water meter, and the homeowner is responsible for everything from the meter into their home. However, because we need to collect information about both the public and private sides, ***we will need your help gathering the information for this database.***

Please watch for more information in the near future!



Where might you find lead in your home?

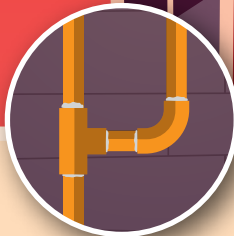
Fixtures

Fixtures inside your home could contain lead, particularly brass faucets and fixtures installed before 2014.



Copper Pipe Solder

Copper pipes installed before 1986 typically used solder containing lead.



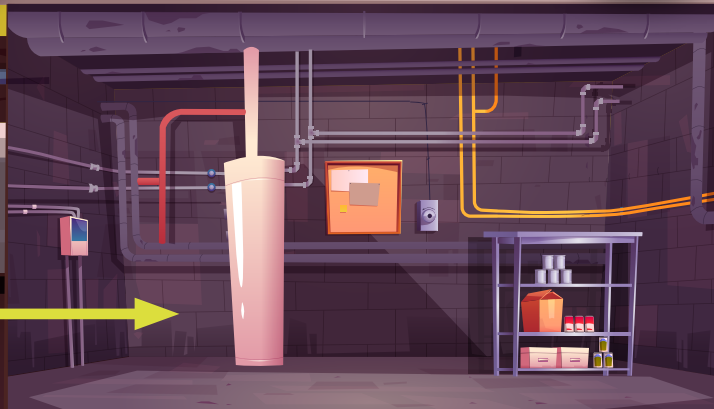
Lead Goose Necks

Goose necks and pigtails are shorter pipes that connect a lead service line to the main.



Galvanized Pipes

Lead particles can attach to the surface of galvanized pipes. Over time, the particles can enter your drinking water, causing elevated lead levels.





JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Water quality questions

waterquality@jvwcd.org
(801) 446-2000

Billing/service questions

(801) 565-4300

8215 South 1300 West • West Jordan, UT 84088

www.jvwcd.org

Utah Public Water System #18027

Your Water is in Good Hands



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

JVWCD's 2022 Consumer Confidence Report is available online now!

Jordan Valley Water Conservancy District performs regular testing of our water so you can be confident using the water from your tap. In fact, our advanced treatment processes allow us to meet internal standards that are even more stringent than what is required by law.

You can find a detailed breakdown of our water testing data in the 2022 Consumer Confidence Report online at <https://jvwcd.org/ccr>.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT



jvwcd.org/ccr

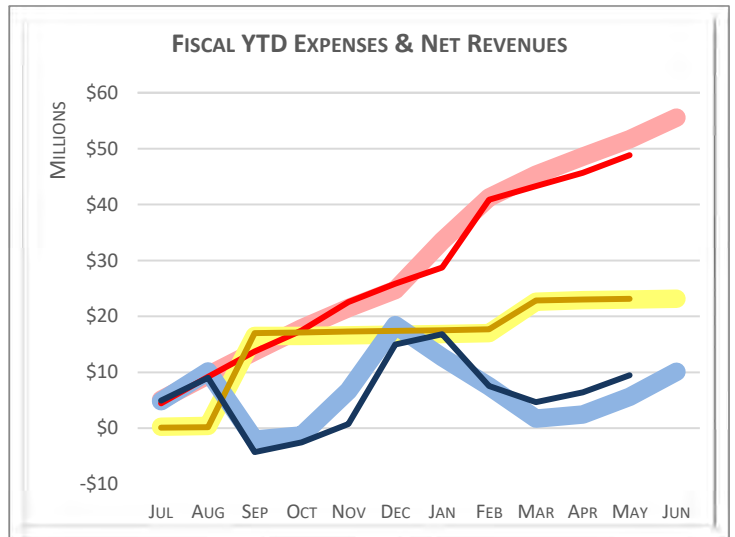
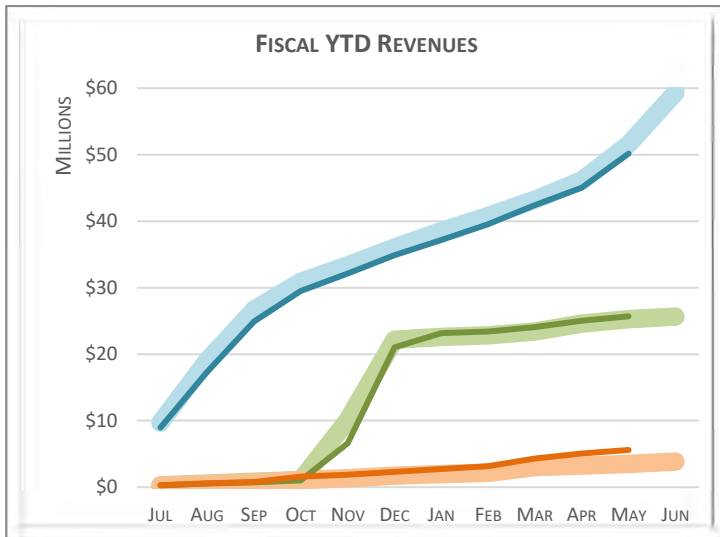
STANDING COMMITTEE REPORTS

FINANCE UPDATE

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FINANCIAL REPORT SUMMARY – MAY 2023

MONTHLY AND YEAR-TO-DATE OPERATING SUMMARY

	Legend	MAY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET
REVENUES				
Water Sales Revenue	—	\$ 5,145,591	\$ 50,157,282	\$ 59,313,072
Property Tax Revenue	—	652,828	25,694,210	25,650,346
All Other Revenue	—	541,455	5,595,977	3,842,393
		6,339,874	81,447,470	88,805,811
EXPENSES				
Operating Expenses	—	3,137,848	48,835,483	55,552,984
Bond Debt Service	—	144,134	23,151,664	23,164,500
Net Revenues after Debt Service	—	\$ 3,057,892	\$ 9,460,323	\$ 10,088,327

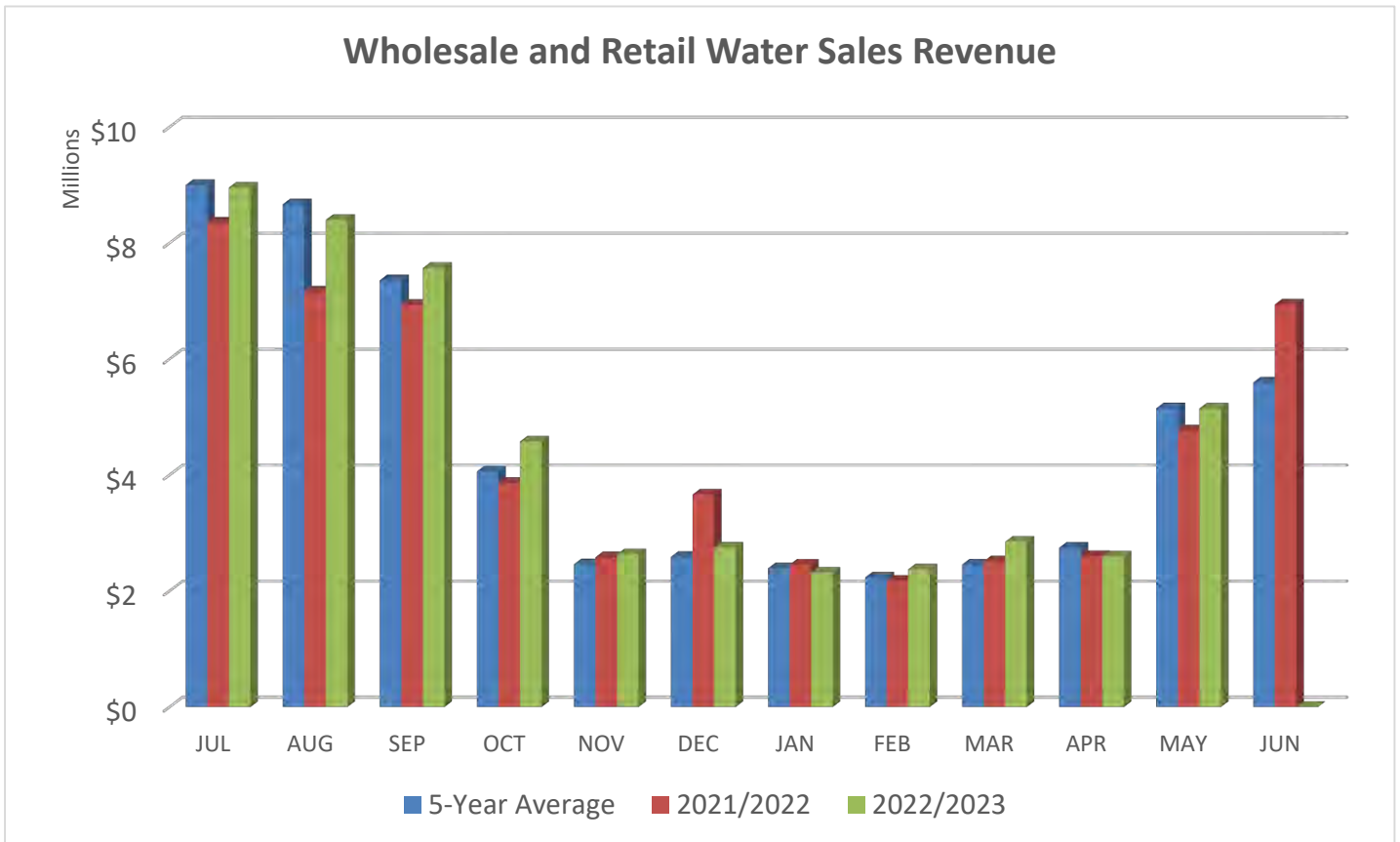


OTHER FINANCIAL HIGHLIGHTS

FUND BALANCES	
Revenue	\$ 9,967,489
Operation & Maintenance	16,844,788
General Equipment	474,232
Retail Deposit Account	205,180
Bond Proceeds	10,678,596
Capital Projects	5,586,584
Replacement Reserve	18,457,282
Development Fee	339,205
Other Reserves	14,248,269
Bond Reserves	5,092,477
	\$ 81,894,103

LONG-TERM DEBT INFORMATION	
Outstanding Bonds and Notes Payable - 05/31/2023	\$ 307,190,022
<u>Average Annual Debt Payments Next 10-Years</u>	
Principal Payments	\$ 14,738,515
Interest Payments	16,516,500
	\$ 31,255,015
<u>Projected Next Future Bond Issue</u>	
Bond Issue Date	January 2024
Bond Issue Amount	\$ 100,000,000

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FINANCIAL REPORT SUMMARY – MAY 2023



JORDAN VALLEY WATER CONSERVANCY DISTRICT
INCOME STATEMENT - MAY 2023 (92%)

MODIFIED ACCRUAL BASIS - UNAUDITED

	MAY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET	MAY 2022	FY 21/22 Y-T-D	FY 21/22 BUDGET	% OF BUDGET
REVENUES								
Metered Sales of Water								
- Wholesale	\$ 4,875,264	\$ 44,351,096	\$ 52,554,723	84%	\$ 4,498,996	\$ 41,422,250	\$ 51,303,595	81%
- Retail	270,327	5,806,187	6,758,349	86%	268,722	5,639,533	7,514,783	75%
Impact Fees	-	203,053	512,000	40%	62,288	213,900	407,000	53%
General Property Tax	652,828	25,694,210	25,650,346	100%	672,711	23,879,163	23,230,051	103%
Other - Investment Income, etc.	379,867	3,128,637	1,087,300	288%	64,062	469,903	548,900	86%
Other - Misc.	161,589	2,264,287	2,243,093	101%	167,365	1,667,299	1,605,000	104%
Total Revenues	6,339,874	81,447,470	88,805,811	92%	5,734,145	73,292,048	84,609,329	87%
OPERATING EXPENSES *								
Water Purchases	485,594	18,136,879	18,615,784	97%	197,789	17,894,102	17,672,551	101%
Operations and Maintenance	787,808	8,983,518	11,621,168	77%	481,721	7,579,123	10,678,691	71%
General and Administrative	365,242	4,653,315	5,728,341	81%	279,866	4,266,801	4,874,489	88%
Payroll Related	1,499,205	17,061,771	19,587,691	87%	1,424,525	16,304,483	17,949,637	91%
Total Operating Expenses	3,137,848	48,835,483	55,552,984	88%	2,383,901	46,044,510	51,175,368	90%
Net Revenues Available for Debt Service	3,202,026	32,611,987	33,252,827	98%	3,350,244	27,247,538	33,433,961	81%
Bond Debt Service	144,134	23,151,664	23,164,500	100%	111,656	22,453,140	22,357,783	100%
Net Revenues after Debt Service	3,057,892	9,460,323	10,088,327		3,238,587	4,794,398	11,076,178	
Transfer of Revenue Stabilization Funds	-	8,402,108	8,402,108	100%	-	5,590,263	5,590,263	100%
Net Revenues	\$ 3,057,892	\$ 17,862,431	\$ 18,490,435		\$ 3,238,587	\$ 10,384,661	\$ 16,666,441	
* See Exhibit 2 for summary of expenses by line item.								
NON-OPERATING EXPENSES (REVENUES)								
Capital Replacement Projects	\$ 903,183	\$ 8,028,563	\$ 21,837,862	37%	\$ 391,281	\$ 4,290,464	\$ 16,275,869	26%
Capital Projects	5,279,718	30,306,588	32,456,659	93%	536,781	7,476,842	14,240,579	53%
Development Fee	50,627	588,992	512,000	115%	-	-	407,000	0%
General Equipment	5,326	554,424	903,100	61%	139,977	728,192	727,510	100%
Self Insurance Claims	6,507	14,408	100,000	14%	3,595	64,707	100,000	0%
Bond Cost of Issuance	-	-	250,000		-	560,548	350,000	
Subtotal	6,245,361	39,492,974	56,059,621	70%	1,071,634	13,120,753	32,100,958	41%
Cap Proj Grants & Other Contrib	(48,695)	(1,085,934)	(2,849,431)	38%	-	(899,968)	(2,281,758)	39%
(Gain) / Loss on Sale of Assets	-	(1,584,281)	-		-	(43,070)	-	
Bond Cost of Issuance Proceeds	-	-	(250,000)		-	(560,548)	(350,000)	
Subtotal	(48,695)	(2,670,214)	(3,099,431)	86%	-	(1,503,586)	(2,631,758)	57%
Total Non-operating Expenses (Revenues)	\$ 6,196,667	\$ 36,822,760	\$ 52,960,190		\$ 1,071,634	\$ 11,617,168	\$ 29,469,200	39%

JORDAN VALLEY WATER CONSERVANCY DISTRICT
OPERATING EXPENSES SUMMARY - MAY 2023 (92%)

MODIFIED ACCRUAL BASIS - UNAUDITED

DESCRIPTION	MAY 2023	FY 22/23 Y-T-D	FY 22/23 BUDGET	% OF BUDGET	MAY 2022	FY 21/22 Y-T-D	FY 21/22 BUDGET	% OF BUDGET
Water Purchases	\$ 485,594	\$ 16,909,059	\$ 17,402,067	97%	\$ 197,789	\$ 16,712,797	\$ 16,656,830	100%
Water Stock Assessments	-	1,227,820	1,213,717	101%	-	1,181,305	1,015,721	116%
Total Water Purchases	485,594	18,136,879	18,615,784	97%	197,789	17,894,102	17,672,551	101%
Building & Grounds Maint	53,172	327,815	389,512	84%	33,622	275,419	398,254	69%
General Property & Leases	6,132	108,093	210,482	51%	16,070	84,555	206,732	41%
Repair & Replacement	138,362	1,085,871	1,230,499	88%	92,772	700,736	1,194,680	59%
Scheduled Maintenance	97,765	396,762	552,539	72%	17,814	421,374	557,766	76%
Tools & Supplies	34,060	275,730	338,911	81%	15,591	210,104	257,794	82%
Treatment - Chemicals	193,140	1,832,288	2,780,169	66%	51,482	1,142,140	2,028,470	56%
Treatment - Lab, Studies & Quality	57,464	475,582	607,499	78%	17,104	245,726	587,195	42%
Utilities - JVWTP	28,313	323,913	347,460	93%	24,802	304,046	307,740	99%
Utilities - SERWTP	16,739	121,507	118,842	102%	8,748	104,100	107,044	97%
Utilities - SWGWTP & RO Wells	26,423	396,479	734,702	54%	26,463	403,563	772,776	52%
Utilities - Wells	3,642	1,121,120	1,334,878	84%	73,511	1,406,181	1,130,331	124%
Utilities - Boosters	71,620	1,489,521	1,663,712	90%	40,257	1,256,089	1,875,568	67%
Utilities - JNPS & JA	2,804	523,056	784,314	67%	3,786	561,664	785,514	72%
Utilities - Other	30,229	201,820	203,549	99%	19,063	192,897	196,198	98%
Utility Location (Blue Stakes)	2,829	29,318	28,050	105%	6,829	25,753	28,050	92%
Vehicle & Gen. Equip. - Fuel	15,258	196,841	180,060	109%	28,493	159,081	143,690	111%
Vehicle & Gen. Equip. - Parts	9,854	77,801	115,990	67%	5,314	85,695	100,889	85%
Total Operations & Maintenance	787,808	8,983,518	11,621,168	77%	481,721	7,579,123	10,678,691	71%
Bond Fees	27,377	407,001	424,000	96%	16,563	324,223	409,500	79%
Computer Supplies	86,882	663,413	822,775	81%	61,098	750,906	828,026	91%
Conservation Programs	54,458	1,107,810	1,567,873	71%	46,353	752,590	970,200	78%
General & Administrative	20,141	218,003	211,950	103%	22,032	195,077	192,955	101%
General Insurance	-	1,114,009	1,031,351	108%	-	964,879	876,114	110%
Legal & Auditing Fees	30,018	366,915	481,650	76%	29,865	378,078	482,650	78%
Office / Mailing / Safety	25,955	226,075	277,858	81%	24,106	214,979	256,686	84%
Professional Consulting Services	34,463	225,425	316,350	71%	47,077	275,890	276,000	100%
Public Relations	65,743	97,498	192,925	51%	14,357	212,931	194,635	109%
Training & Education	20,205	227,165	401,609	57%	18,416	197,247	387,723	51%
Total General & Administrative	365,242	4,653,315	5,728,341	81%	279,866	4,266,801	4,874,489	88%
Payroll Related	1,499,205	17,061,771	19,587,691	87%	1,424,525	16,304,483	17,949,637	91%
Total Operating Expenses	\$ 3,137,848	\$ 48,835,483	\$ 55,552,984	88%	\$ 2,383,901	\$ 46,044,510	\$ 51,175,368	90%

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

MODIFIED ACCRUAL BASIS - UNAUDITED

WHOLESALE MEMBER AGENCY	CURRENT MONTH			FISCAL YTD		
	MAY 2023	MAY 2022	INCREASE / (DECREASE)	MAY 2023	MAY 2022	INCREASE / (DECREASE)
Bluffdale	\$ 206,465	\$ 187,242	\$ 19,223	\$ 1,697,548	\$ 1,563,343	\$ 134,205
Div of Fac Const & Mgnt	6,456	17,031	(10,576)	157,793	210,722	(52,930)
Draper	220,515	209,478	11,037	1,922,233	1,847,913	74,319
Granger-Hunter	1,043,061	886,757	156,304	9,414,203	9,315,333	98,869
Herriman	363,299	395,225	(31,926)	3,235,892	2,777,761	458,131
Hexcel Corporation	36,339	32,696	3,643	353,108	294,947	58,161
Kearns	387,016	359,560	27,455	3,750,420	3,552,260	198,160
Magna	29,327	27,696	1,631	309,460	302,161	7,299
Midvale	156,859	104,339	52,520	1,481,140	1,095,238	385,902
Riverton	262,317	219,628	42,689	2,492,623	2,092,876	399,747
South Jordan	948,994	861,698	87,296	7,255,356	7,644,657	(389,301)
South Salt Lake	54,547	42,637	11,910	393,762	400,771	(7,009)
Taylorville-Bennion	160,251	151,826	8,425	1,855,821	1,744,307	111,514
WaterPro, Inc.	-	-	-	277,340	295,969	(18,629)
West Jordan	996,163	999,457	(3,293)	9,735,620	8,557,365	1,178,255
White City	50	50	-	550	550	-
Willow Creek Country Club	3,606	3,676	(70)	18,229	22,045	(3,816)
TOTALS	<u>\$ 4,875,264</u>	<u>\$ 4,498,996</u>	<u>\$ 376,268</u>	<u>\$ 44,351,096</u>	<u>\$ 41,718,219</u>	<u>\$ 2,632,877</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT FUND BALANCES - MAY 2023

CASH BASIS - UNAUDITED

Operating Funds				
	Revenue Fund *	Operation and Maintenance Fund *	General Equipment Fund	Retail Deposit Account

Beginning Cash Balance \$ 9,525,093.42 \$ 17,503,049.27 \$ 477,312.80 \$ 203,080.00

CASH RECEIPTS:

Operations	2,557,418.31	657,553.69	-	4,800.00
Interest	36,859.28	88,209.51	2,245.17	-
Bond	-	-	-	-
Transfers	-	2,000,000.00	-	-

Total Cash Receipts 2,594,277.59 2,745,763.20 2,245.17 4,800.00

CASH DISBURSEMENTS:

Operations	7,747.92	3,404,024.14	-	2,700.00
Capital	-	-	5,325.63	-
Debt Service	144,133.97	-	-	-
Other	-	-	-	-
Transfers	2,000,000.00	-	-	-

Total Disbursements 2,151,881.89 3,404,024.14 5,325.63 2,700.00

Net Change in Cash 442,395.70 (658,260.94) (3,080.46) 2,100.00

Ending Cash Balance \$ 9,967,489.12 \$ 16,844,788.33 \$ 474,232.34 \$ 205,180.00

* Minimum Balance
or Reserve \$ 5,791,125.00 \$ 7,400,000.00 \$ - \$ -

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FUND BALANCES - MAY 2023

CASH BASIS - UNAUDITED

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

Beginning Cash Balance \$ 19,221,357.63 \$ 2,388,985.45 \$ 19,454,469.42

CASH RECEIPTS:

Operations	48,694.51	-	-
Interest	90,413.03	11,237.26	80,037.31
Bond	-	-	-
Transfers	-	8,855,910.95	-
Total Cash Receipts	139,107.54	8,867,148.21	80,037.31

CASH DISBURSEMENTS:

Operations	-	-	-
Capital	903,182.84	5,330,345.39	-
Debt Service	-	-	-
Other	-	-	-
Transfers	-	-	8,855,910.95
Total Disbursements	903,182.84	5,330,345.39	8,855,910.95

Net Change in Cash (764,075.30) 3,536,802.82 (8,775,873.64)

Ending Cash Balance \$ 18,457,282.33 \$ 5,925,788.27 \$ 10,678,595.78

* Minimum Balance
or Reserve \$ - \$ - \$ -

JORDAN VALLEY WATER CONSERVANCY DISTRICT
FUND BALANCES - MAY 2023

CASH BASIS - UNAUDITED

	Reserve Funds		Restricted Funds		Total
	Other Reserve Funds *	Self Insurance Fund *	Revenue Stabilization Fund	Total Bond Debt Service Reserve Funds *	Total All Funds *
Beginning Cash Balance	\$ 389,149.62	\$ 5,191,249.24	\$ 8,607,640.36	\$ 5,089,741.38	\$ 88,051,128.59
<u>CASH RECEIPTS:</u>					
Operations	-	-	-	-	3,268,466.51
Interest	1,830.47	24,418.50	40,488.44	2,735.90	378,474.87
Bond	-	-	-	-	-
Transfers	-	-	-	-	10,855,910.95
Total Cash Receipts	1,830.47	24,418.50	40,488.44	2,735.90	14,502,852.33
<u>CASH DISBURSEMENTS:</u>					
Operations	-	6,507.34	-	-	3,420,979.40
Capital	-	-	-	-	6,238,853.86
Debt Service	-	-	-	-	144,133.97
Other	-	-	-	-	-
Transfers	-	-	-	-	10,855,910.95
Total Disbursements	-	6,507.34	-	-	20,659,878.18
Net Change in Cash	1,830.47	17,911.16	40,488.44	2,735.90	(6,157,025.85)
Ending Cash Balance	\$ 390,980.09	\$ 5,209,160.40	\$ 8,648,128.80	\$ 5,092,477.28	\$ 81,894,102.74
* Minimum Balance or Reserve	\$ 390,980.09	\$ 5,209,160.40	\$ -	\$ 5,092,477.28	\$ 23,883,742.77

JORDAN VALLEY WATER CONSERVANCY DISTRICT

FUND BALANCES - MAY 2023

INVESTMENT SUMMARY

	Institution/Account	Fund	Date Invested	Maturity Date	Interest Rate	Principal Invested	
Operating Funds	Zions Bank - Checking/Sweep Account	Revenue	05/01/23	05/31/23	4.76%	\$ 2,798,413.74	
	Paypal Account - Garden Revenue	Revenue	05/01/23	05/31/23	0.00%	10,015.77	
	Wells Fargo Bank - Savings Account	Revenue	05/01/23	05/31/23	0.10%	397,832.42	
	Express Bill Pay Deposit Account	Revenue	05/01/23	05/31/23	0.00%	71,518.29	
	CUWCD Series B-4 Revenue Bonds	Revenue	06/20/13	10/01/34	5.16%	1,670,000.00	
	Public Treasurers Investment Fund	Revenue	05/01/23	05/31/23	5.06%	5,019,708.90	
	Subtotal - Revenue Funds						9,967,489.12
	Zions Bank - Checking/Sweep Account	O&M	05/01/23	05/31/23	4.76%	257,729.66	
	Public Treasurers Investment Fund	O&M	05/01/23	05/31/23	5.06%	16,587,058.67	
	Subtotal - O&M Funds						16,844,788.33
Public Treasurers Investment Fund	General Equipment	05/01/23	05/31/23	5.06%	474,232.34		
Retail Deposit Account	Retail Deposit	05/01/23	05/31/23	0.00%	205,180.00		
Total Operating Funds						\$ 27,491,689.79	
Capital Funds	Public Treasurers Investment Fund	Capital Replacement Reserve	05/01/23	05/31/23	5.06%	\$ 18,457,282.33	
	Public Treasurers Investment Fund	Capital Projects	05/01/23	05/31/23	5.06%	5,586,583.63	
	Public Treasurers Investment Fund	Bond Project Funds	05/01/23	05/31/23	5.06%	10,678,595.78	
	Public Treasurers Investment Fund	Development Fee	05/01/23	05/31/23	5.06%	339,204.64	
	Total Capital Funds						\$ 35,061,666.38
Reserve Funds	Public Treasurers Investment Fund	Self Insurance	05/01/23	05/31/23	5.06%	\$ 5,209,160.40	
	Public Treasurers Investment Fund	JVWTP Maintenance	05/01/23	05/31/23	5.06%	94,892.55	
	Public Treasurers Investment Fund	Bond R&R	05/01/23	05/31/23	5.06%	171,487.33	
	Public Treasurers Investment Fund	JA Maintenance	05/01/23	05/31/23	5.06%	124,600.21	
	Public Treasurers Investment Fund	Revenue Stabilization	05/01/23	05/31/23	5.06%	8,648,128.80	
Total Reserve Funds						\$ 14,248,269.29	
Restricted Funds	Zions Bank (Trustee) - US Treasury Notes	B-1 Bond Debt Serv Res	Varies	Varies	0.57%	\$ 4,930,891.73	
	Zions Bank (Trustee) - US Treasury Notes	2009C Bond Debt Serv Res	Varies	Varies	0.57%	161,585.55	
Total Restricted Funds						\$ 5,092,477.28	
TOTAL ALL FUNDS						\$ 81,894,102.74	

JORDAN VALLEY WATER CONSERVANCY DISTRICT
BALANCE SHEET - MAY 2023

MODIFIED ACCRUAL BASIS - UNAUDITED

	<u>MAY 2023</u>	<u>MAY 2022</u>
ASSETS		
<i>Current Assets:</i>		
Cash & Cash Equivalents (Note 1)	\$ 66,127,579	\$ 60,905,913
Accounts Receivable	7,164,676	5,277,313
Inventory	<u>654,868</u>	<u>615,769</u>
Total Current Assets	73,947,124	66,798,994
<i>Restricted Assets:</i>		
Cash & Investments	15,771,073	48,935,106
<i>Long-Term Assets:</i>		
Long-Term Receivables	-	-
Other Assets	8,565,423	2,753,730
Property, Plant & Equipment (Net)	<u>587,001,667</u>	<u>557,787,381</u>
Total Long-Term Assets	<u>595,567,090</u>	<u>560,541,111</u>
Total Assets	<u>\$ 685,285,287</u>	<u>\$ 676,275,211</u>
LIABILITIES & FUND EQUITY		
<i>Current Liabilities:</i>		
Accounts Payable	\$ (191,804)	\$ 21,444
Other Current Liabilities	<u>1,484,760</u>	<u>1,502,748</u>
Total Current Liabilities	1,292,956	1,524,192
<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>
Total Liabilities	322,073,139	333,996,008
Total Net Position	<u>363,212,148</u>	<u>342,279,203</u>
Total Liabilities & Net Position	<u>\$ 685,285,287</u>	<u>\$ 676,275,211</u>

Note 1: Cash and cash equivalents totalling \$38,714,592 have been committed for; replacement reserve \$18,457,282, capital projects \$5,586,584, development fee \$339,205, general equipment \$474,232, self insurance reserve \$5,209,160 and revenue stabilization fund \$8,648,129.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
IMPACT FEE SUMMARY - MAY 2023

CASH BASIS - UNAUDITED

Date Payee Subdivision/Lot# Area Amount

Total Fees Collected May

\$ -

Total Fees Collected Fiscal YTD

\$ 203,053.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CHECK REGISTER - REVENUE ACCOUNT

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

CHECK NO.	CHECK DATE	VENDOR NAME	CHECK AMOUNT
71989	5/12/23	BARBER, DARRYLL	\$23.84
71990	5/12/23	CHAMBERS, ALLISON	92.84
71991	5/12/23	HP UTAH I LLC	99.96
71992	5/12/23	JB REALTY, LLC	8.00
71993	5/12/23	JESSOP HOMES, LLC	49.26
71994	5/12/23	MILLET, NAVERE B	23.84
71995	5/12/23	NAZZISE, ZACHARY & CASSIE	42.00
71996	5/12/23	PROCTOR, DORIS JEAN	33.84
71997	5/12/23	ROHAN, KYLE	117.68
71998	5/12/23	SHIFT INVESTMENTS, LLC	22.42
71999	5/12/23	THAI TRADING PROPERTIES, LLC	41.47
72000	5/24/23	ARNOLD, ROSELLA H	44.86
72001	5/24/23	BROCK, CHRISTINA	76.16
72002	5/24/23	BURNETT, RON	4.00
72003	5/24/23	CORNELSEN, SHAUNA J	22.00
72004	5/24/23	DETWEILER, STEPHANIE	12.33
72005	5/24/23	HAWKINS, TONI GAIL	16.30
72006	5/24/23	HARRIS, EMILY	49.52
72007	5/24/23	KAUTZ, SOPHIA	20.84
72008	5/24/23	OPENDOOR PROPERTY TRUST I	29.00
72009	5/24/23	ROWAN, GREGORY	64.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CHECK REGISTER - REVENUE ACCOUNT

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

CHECK NO.	CHECK DATE	VENDOR NAME	CHECK AMOUNT
72010	5/24/23	NOLAND & SON CONSTRUCTION COMPANY II	\$15.00
REPORT TOTAL:			<u>\$909.16</u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178813	5/4/23	ALAN E PACKARD 51000650 5290	NWRA	1,629.86	\$1,629.86
178814	5/4/23	ALEX MITCHELL 73000590 5290	HARN RO	1,792.56	1,792.56
178815	5/4/23	HELEN ASHTON 11000170 6010	WATER SHARE	76,300.00	76,300.00
178816	5/4/23	CHILD SUPPORT SERVICES 11000200 2135	PAYROLL 043023	529.00	529.00
178817	5/4/23	DAVID D MARTIN 51000650 5290	GFOA	190.00	190.00
178818	5/4/23	DOMINION ENERGY 51000650 5420 73000590 5420	8215 TEMPLE DR 8215 TEMPLE DR	6,876.12 1,719.03	8,595.15
178819	5/4/23	ELLSWORTH PAULSEN CONSTRUCTION COMPANY 11000175 6010 4186	SOUTHWEST COLLECT LINE ASSESSM	7,342.00	7,342.00
178820	5/4/23	FISHER SCIENTIFIC 78000590 5720 78000590 5720	EXTRACTION VIALS FOR HAAS VIALS FOR TOC AND THMS	5,002.00 3,988.00	8,990.00
178821	5/4/23	GENEVA ROCK PRODUCTS INC 82000570 5380 82000570 5380	CONCRETE/FLOWFILL ROADBASE	880.19 1,215.34	2,095.53
178822	5/4/23	GRANITE SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- HILLSDALE	346.50	346.50
178823	5/4/23	HAZEN & SAWYER, P. C 11000182 6010 4255	JVWTP BASINS 1-2 SEISMIC AND C	181,522.50	181,522.50
178824	5/4/23	HEWLETT-PACKARD ENTERPRISE COMPANY 90000650 5230	HPE SERVER SUPPORT RENEWAL	23,003.53	23,003.53
178825	5/4/23	INTERMOUNTAIN HEALTHCARE 51000650 5170	EAP INTERMOUNTAIN HEALTHCARE	1,322.40	1,322.40
178826	5/4/23	JULIE ANN POTTER FAMILY TRUST 62000570 5670	FLIP YOUR STRIP PAYMENT	1,695.81	1,695.81
178827	5/4/23	MARION BEDOLLA 62000570 5670	FLIP YOUR STRIP PAYMENT	303.13	303.13
178828	5/4/23	MOUNTAIN WEST TRUCK CENTER 81000570 5330	SENSOR HOSE AND CLAMP	146.15	146.15
178829	5/4/23	NAPA GENUINE AUTO PARTS COMPANY 81000570 5330 81000570 5330 81000570 5330 81000570 5330 81000570 5330 81072570 5380	AIR FILTERS, FUEL MODULE, RELA CREDIT FUEL CAP,OIL FILTERS, HUB BEARING, DISC GLOVES, BATTERY, OIL FILTERS, MARKER LI REPAIR PARTS SAND PUMP BELTS	417.10 -144.08 415.05 211.23 874.90 198.96	1,973.16

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178830	5/4/23	NATIONAL BENEFIT SERVICES HRA 11000200 2135	PAYROLL 043023	1,030.18	\$1,030.18
178831	5/4/23	NATIONAL BENEFIT SERVICES HRA 11000200 2135	ADMIN FEES	468.00	468.00
178832	5/4/23	PFM ASSET MANAGEMENT LLC 51000650 5280	MONTHLY INVESTMENT ADVISOR FEES	647.95	647.95
178833	5/4/23	POSTMASTER 60000650 5250	RETAIL BILLING POSTAGE	3,800.00	3,800.00
178834	5/4/23	RHINO PUMPS 11000180 6010 4281	COLLEGE STREET WELL REPAIR	9,120.00	9,120.00
178835	5/4/23	ROCKY MOUNTAIN POWER			525.59
		75318590 5410	175509260220	192.50	
		75332590 5410	333110760050	39.05	
		75517590 5410	325517860012	6.30	
		75601590 5410	2178351760012	15.69	
		75607590 5410	175509260352	36.55	
		75608590 5410	175509260394	27.35	
		75615590 5410	377120460094	19.68	
		75617590 5410	377120460078	14.30	
		75618590 5410	311522760066	15.10	
		75623590 5410	311522760165	22.87	
		75624590 5410	311522760173	12.75	
		75625590 5410	311522760041	14.61	
		75634590 5410	311522760629	14.52	
		75702590 5410	364292260015	94.32	
178836	5/4/23	SALT LAKE CEMENT CUTTING INC 82000570 5380	ROADCUT MLB 12900S 5500W	195.20	195.20
178837	5/4/23	SOUTH JORDAN CITY 62000570 5670	MEMBER AGENCY GRANT - SOUTH JO	3,677.86	3,677.86
178838	5/4/23	STANDARD PLUMBING SUPPLY 81072570 5380	2X2 FLEX FITTINGS	13.68	13.68
178839	5/4/23	T & R CONCRETE 83072570 5360	SNOW REMOVAL FOR MARCH AND APRIL	1,355.00	1,355.00
178840	5/4/23	THE BLINDMAN WINDOW COVERINGS 71071570 5350	SHADE BLINDS FOR THE FOYER AT	1,433.00	2,866.00
		83071570 5350	SHADE BLINDS FOR THE FOYER AT	1,433.00	
178841	5/4/23	UNITED RENTALS INC 82000570 5380	4-6' X 12' TRAFFIC PLATES FOR 5200 W 6200 :	540.53	540.53
178842	5/4/23	US BANK FINANCIAL 11000200 2132	PCARDS 032823-042523	29,301.37	29,301.37
178843	5/4/23	UTILITY COATINGS & FABRICATION INC 75001570 5380	LENGTHEN SPOOL PIECE	2,306.00	2,306.00
178844	5/4/23	VALLEY GLASS COMPANY 62000570 5350	GREENHOUSE GLASS PANEL REPLACE	1,988.00	1,988.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178845	5/4/23	VERIZON WIRELESS			\$2,224.53
		90000650 5230	VERIZON AMI BILL	50.16	
		90000650 5230	VERIZON WIRELESS IPAD BILL	136.98	
		90000650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	1,240.98	
		90071650 5230	VERIZON AMI BILL	25.00	
		90071650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	565.04	
		90072650 5230	VERIZON AMI BILL	25.00	
		90072650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	25.04	
		90077650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	84.22	
		90101650 5230	VERIZON AMI BILL	25.00	
		90101650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	47.11	
178846	5/4/23	WATER SYSTEMS ENGINEERING, INC.			1,490.00
		11000180 6010 4076	WELL PERFORMANCE AND CONDITION	1,490.00	
178847	5/4/23	WESTERN STATES CIRCUIT BREAKERS INC			4,850.00
		91000570 5310	RECONDITION THE MAIN BREAKER AT 118TH	4,850.00	
178848	5/4/23	WIDDISON WELL SERVICES INC.			47,310.00
		11000180 6010 4242	WELL REDEVELOPMENT & TEST PUMP	47,310.00	
178849	5/4/23	YVETTE AMPARO			279.00
		51000650 5290	ASSOCIOATION FOR TALENT DEVELOPMENT	279.00	
178850	5/4/23	ZIONS BANK			5,000.00
		51000650 5286	ANNUAL BOND SURVEILLANCE FEE	5,000.00	
178851	5/11/23	BADGER METER, INC			4,852.89
		72000590 5720	FILTER SURVEILANCE EQUIPMENT	4,852.89	
178852	5/11/23	BRIAN BRUNSON			12,000.00
		11000170 6010	WATER PURCHASE	12,000.00	
178853	5/11/23	CALIN PERRY			186.00
		80000570 5290	ASSP 2022	186.00	
178854	5/11/23	CONSTRUCTION TESTING & ENGINEER INC			638.75
		11000188 6010 4204	ZONE "D" CHEMICAL FEED FACILIT	638.75	
178855	5/11/23	CROWN EQUIPMENT CORPORATION			509.36
		83072570 5360	SERVICE FOR ELECTRIC PALLET JACK	509.36	
178856	5/11/23	DAVID BERATTO			186.00
		80000570 5290	ASSP 2022	186.00	
178857	5/11/23	DAWN RAMSEY			846.00
		51000660 5290	ACE23	846.00	
178858	5/11/23	DOMINION ENERGY			1,055.01
		75500590 5420	3200 W 6200 S	39.90	
		75500590 5420	4400 S 4800 W REAR	248.80	
		75500590 5420	5820 S 3600 W	766.31	
178859	5/11/23	DRAPER CITY			7.00
		75300590 5430	108 E 11400 S	7.00	
178860	5/11/23	EPPIE TRUJILLO			201.00
		80000570 5290	ACE 23	201.00	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178861	5/11/23	EPIE TRUJILLO 80000570 5290	ACE23	736.20	\$736.20
178862	5/11/23	GENERAL COMMUNICATIONS INC 90000650 5230	EARWORN MICROPHONE FOR EDUCATI	374.85	374.85
178863	5/11/23	GENEVA ROCK PRODUCTS INC 82000570 5380 82101570 5380	ROADBASE CONCRETE	916.63 975.19	1,891.82
178864	5/11/23	GRANGER HUNTER IMPROVEMENT 62000570 5670	MEMBER AGENCY GRANT - GHID	1,061.92	1,061.92
178865	5/11/23	JEFF BETTON 51000650 5290	ASSP 2022	186.00	186.00
178866	5/11/23	KEN GARFF WEST VALLEY DODGE 81000570 5330	MOULDING FOR 311	211.20	211.20
178867	5/11/23	LINDE GAS & EQUIPMENT 78000590 5720	GAS CYLINDER YEARLY RENTAL	919.20	919.20
178868	5/11/23	MARCELO ANGLADE 52000650 5290	ACE23	895.83	895.83
178869	5/11/23	MARCELO ANGLADE 52000650 5290	ACE23	201.00	201.00
178870	5/11/23	MARGARET DEA 51000650 5290	TYLER CONNECT 2023	772.18	772.18
178871	5/11/23	MICHELE GUY 80000570 5290	ENGAGE 2023	130.00	130.00
178872	5/11/23	MT OLYMPUS IMPROVEMENT DISTRICT 75501590 5430	2981 BRANCH DR	138.00	138.00
178873	5/11/23	PBC FLEET LITES & PARTS 81000570 5330	HUB ASSM. BRAKE DRUM, SEAL, BOLTS,	1,036.16	1,036.16
178874	5/11/23	RHINO LININGS OF UTAH 81000198 6010 81000570 5330	# 761 BED LINER, TONNEAU COVER, FLOOR M # 761 BED LINER, TONNEAU COVER, FLOOR M	1,781.35 1,139.00	2,920.35
178875	5/11/23	TOOLSHEED INC 81100570 5380 82101570 5380	4X4 LUMBER FOR BLOCKING ON RIVER BOO CONCRETE FORM & EXPANSION BOARDS JA	60.80 171.34	232.14

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178876	5/11/23	ROCKY MOUNTAIN POWER			\$31,179.79
		51000650 5410	377120460037	3,066.87	
		70101590 5410	557994860012	1,021.17	
		73000590 5410	377120460037	21,690.21	
		75101590 5410	261824160012	1,723.88	
		75201590 5410	175509260113	21.48	
		75300590 5410	253216260013	72.00	
		75611590 5410	311522760025	15.21	
		75612590 5410	377131660021	14.28	
		75620590 5410	227856660138	283.09	
		75701590 5410	253216260013	10.86	
		75703590 5410	322497360014	88.41	
		75744590 5410	377120460060	33.14	
		75745590 5410	311522760504	35.79	
		75771590 5410	557994860020	36.53	
		80000570 5410	377120460037	3,066.87	
178877	5/11/23	ROCKY MOUNTAIN POWER			900.00
		51000000 6210	POLE HOLD SERVICE - WHILE WE FIXED DAM	900.00	
178878	5/11/23	SANDY CITY			2,127.82
		72000590 5440	11574 WYNDCASTLE	2,049.94	
		75300590 5420	1147 E WEBSTER	8.98	
		75300590 5420	1784 CREEK RD	14.98	
		75300590 5430	1443 E 9400 S	17.96	
		75300590 5430	1787 CREEK RD	8.98	
		75300590 5430	7618 S 700 E	26.98	
178879	5/11/23	SHANE SWENSEN			227.00
		52000650 5290	ACE23	227.00	
178880	5/11/23	SOUTH JORDAN CITY			62.80
		52000570 5400	10305 S 3200 W LAND	32.80	
		75501590 5430	9911 S 2700 W LAND	30.00	
178881	5/11/23	SOUTH VALLEY SEWER DISTRICT			166.14
		71000590 5430	15305 S 3200 W	110.17	
		72000590 5430	11574 S WYNDCASTLE NEW	30.97	
		72000590 5430	11574 WYNDCASTLE OLD	25.00	
178882	5/11/23	UN-X-LD PIPE & SUPPLY INC			26.00
		75002570 5380	2" WELDOLET	26.00	
178883	5/11/23	UTAH DEPT OF WORKFORCE SERVICE			225.40
		51000650 5165	UNEMPLOYMENT INSURANCE-CONTRIBUTIO	225.40	
178884	5/11/23	VEHICLE LIGHTING SOLUTIONS INC			2,598.03
		81000198 6010	TRUCK LIGHTS FOR NEW VEHICLE #	2,598.03	
178885	5/11/23	WATER SPECIALTIES INC			327.00
		60000650 5270	480 12 OZ WATER LABELLED BOTTL	327.00	
178886	5/11/23	WEBER BASIN WATER CONSERVANCY DISTRICT			2,500.00
		60000650 5270	SALT LAKE CHAMBER - 2022-2023 MEMBERSH	2,500.00	
178887	5/15/23	AFLAC PREMIUM HOLDING			913.79
		11000200 2135	APRIL 2023	913.79	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178888	5/15/23	ALLSTREAM			\$2,129.70
		51000650 5450	8215 S 1300 W	1,053.05	
		70100590 5450	15305 S 3200 W	65.48	
		71000590 5450	15305 S 3200 W	945.03	
		72000590 5450	15305 S 3200 W	66.14	
178889	5/15/23	GARY PICKERING			44,000.00
		11000180 6010 4280	EQUIPPING OF 76&7 AND 78&10 WELLS	44,000.00	
178890	5/15/23	LEHI CITY CORPORATION			59.15
		70101590 5410	1250 E SR92	30.16	
		70101590 5410	NE CORNER SR92	28.99	
178891	5/15/23	REPUBLIC SERVICES INC			2,909.44
		51000650 5350	ADMIN	198.42	
		62000570 5350	EDUCATION	1,269.14	
		71071570 5350	JVWTP	370.36	
		72072570 5350	SERWTP	242.14	
		73073570 5350	SWGWTP	325.98	
		83000570 5350	MAINTENANCE	503.40	
178892	5/15/23	ROCKY MOUNTAIN POWER			12,618.15
		52000570 5400	311522760405	18.18	
		72211590 5410	321644760019	29.48	
		72211590 5410	913799040088	19.33	
		75300590 5430	259822160018	200.00	
		75503590 5410	235992060014	11,810.89	
		75509590 5410	259822160018	540.27	
178893	5/15/23	WEST JORDAN CITY			2,806.78
		51000650 5410	8275 S 1300 W	5.22	
		51000650 5430	8215 S 1300 W	1,280.98	
		51000650 5430	8275 S 1300 W	81.03	
		51000650 5440	8275 S 1300 W	1,439.55	
178894	5/15/23	ZAYO GROUP LLC			1,577.91
		90000650 5230	8215 S 1300 W	1,577.91	
178895	5/23/23	ACCURINT			231.00
		51000650 5170	MONTHLY PEOPLE SEARCH SERVICE	231.00	
178896	5/23/23	AFLAC PREMIUM HOLDING			913.79
		11000200 2135	ORIGIN ID 10216	913.79	
178897	5/23/23	ALAN E PACKARD			173.00
		51000650 5290	ACE23	173.00	
178898	5/23/23	ALDER SALES CORPORATION			420.00
		83000570 5350	SERVICE OF ACCORDIAN PARTITIONS IN THE	420.00	
178899	5/23/23	BARBARA TOWNSEND			227.00
		51000660 5290	ACE23	227.00	
178900	5/23/23	BIOGRASS NURSURIES			172.00
		82000570 5310	TOP SOIL & YARD RAKE FOR RESTORATIONS	34.00	
		82000570 5380	TOP SOIL & YARD RAKE FOR RESTORATIONS	138.00	
178901	5/23/23	BIOGRASS SOD FARMS			32.90
		82000570 5380	SOD FOR RESTORATIONS	32.90	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178902	5/23/23	BRYCE FAIRBOURN 62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,364.84	\$1,364.84
178903	5/23/23	CHILD SUPPORT SERVICES 11000200 2135	PAYROLL 051523	529.00	529.00
178904	5/23/23	CHRISTENSEN & JENSEN PC 51000650 5284 51000650 5284	GENERAL ADJUDICATION OAB 351062	590.00 810.00	1,400.00
178905	5/23/23	CLIFTON SMITH 60000650 5290	TABLEAU 2023	1,201.67	1,201.67
178906	5/23/23	CRS CONSULTING ENGINEERS INC 11000180 6010 4213	SWGWTP DEEP WELL ASSESSMENT	2,232.46	2,232.46
178907	5/23/23	DAWN RAMSEY 51000660 5290	ACE23	132.00	132.00
178908	5/23/23	DOMINION ENERGY 71000590 5420 72000590 5420 72000590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420 75300590 5420	15305 S 3200 W 11574 WYNDCASTLE ACTI 11574 WYNDCASTLE FILT 1200 E 9400 S 1845 CREEK RD 2400 CREEK RD 8200 S 1000 E 4770 NANILOA 7618 S 700 E 7700 S 700 E 7781 S 1300 E 7800 S 1000 E 8153 S 700 E	7,442.82 2,783.28 2,971.08 29.25 132.52 15.40 40.47 38.53 288.13 205.72 195.10 182.09 39.37	14,363.76
178909	5/23/23	GENEVA ROCK PRODUCTS INC 82000570 5380 82101570 5380	ROADBASE CONCRETE & ROADBASE	319.85 1,232.66	1,552.51
178910	5/23/23	GRANITE SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- ARMSTRON	440.00	440.00
178911	5/23/23	HOUSE OF PUMPS 72000590 5310 73000590 5310	1/2 HP TRASH PUMP W/FLOAT, NIPPLE, AND I 2QTY SUMP PUMPS AND HOSES	451.65 918.01	1,369.66
178912	5/23/23	JORDAN SCHOOL DISTRICT 62000570 5270	FIELD TRIP REIMBURSEMENT - TERRA LINDA	113.40	113.40
178913	5/23/23	JOSEPH & CARLYNN JONES TRUST 62000570 5670	LOCALSCAPES REWARDS PAYMENT	827.70	827.70
178914	5/23/23	LEWIS YOUNG ROBERTSON & BURNINGHAM, INC 51000650 5286	SWAP CONVERSION LIBOR TO SOFR FINANC	3,500.00	3,500.00
178915	5/23/23	LONGHOUSE CAPITAL ADVISORS 51000650 5286	SWAP CONVERSION LIBOR TO SOFR FINANC	3,500.00	3,500.00
178916	5/23/23	MGB+A INC 62000140 6010	GARDEN MASTER PLAN AND 1300 WE	946.25	946.25

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178917	5/23/23	MGX EQUIPMENT			\$3,040.25
		83000570 5360	CRANE INSPECTION SERVICE	1,920.25	
		83071570 5360	CRANE INSPECTION SERVICE	820.00	
		83072570 5360	CRANE INSPECTION SERVICE	300.00	
178918	5/23/23	MITCHELL BOUDREAUX			865.16
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	865.16	
178919	5/23/23	OPTEK-DANULAT, INC			929.50
		71071570 5360	CHLORINE DIOXIDE SENSOR INSPECTION AN	929.50	
178920	5/23/23	PORTER PAINTS			243.20
		83000570 5350	AMERLOCK NSF PAINT FOR PAINTING INSIDE	243.20	
178921	5/23/23	POSTMASTER			3,900.00
		60000650 5250	RETAIL BILLING POSTAGE	3,900.00	
178922	5/23/23	PREFERRED PAVING			11,336.67
		82000570 5380	ASPHALT FOR 12900 S 5505 W MLB	6,351.87	
		82000570 5380	ASPHALT FOR 5200 WEST 6200 SOUTH OVER	4,984.80	
178923	5/23/23	RAY QUINNEY & NEBEKER			1,511.00
		51000650 5284	15038-162	1,511.00	
178924	5/23/23	ROCKY MOUNTAIN POWER			231.77
		75208590 5410	175509260014	13.83	
		75341590 5410	311522760603	169.13	
		75609590 5410	175509260022	25.94	
		75635590 5410	377131660047	22.87	
178925	5/23/23	SALT LAKE CEMENT CUTTING INC			180.00
		82000570 5380	ROAD CUTS MLB	180.00	
178926	5/23/23	SALT LAKE VALLEY LANDFILL			4,128.66
		83072570 5350	LANDFILL TICKETS FROM HAULING SLUDGE	4,128.66	
178927	5/23/23	SHERRIE OHRN			227.00
		51000660 5290	ACE23	227.00	
178928	5/23/23	SMALLEY & COMPANY			365.20
		83000570 5350	PARTS FOR SEALANT GUN TO APPLY SIKAFLEX	6.95	
		83101570 5350	SIKAFLEX AND PARTS TO FIX BAD JOINT IN B	358.25	
178929	5/23/23	SOUTH JORDAN CITY			30.00
		75300590 5430	10932 S 2700 WAY	30.00	
178930	5/23/23	SOUTH VALLEY SEWER DISTRICT			200.00
		75501590 5430	10621 S 1300 W	25.00	
		75501590 5430	10932 S 2700 W	25.00	
		75501590 5430	11059 S 1300 W	25.00	
		75501590 5430	3145 W 11400 S	25.00	
		75501590 5430	3257 CURRENT CREEK	25.00	
		75501590 5430	9816 S 1300 W	50.00	
		75501590 5430	9911 S 2700 W	25.00	
178931	5/23/23	THE EXORO GROUP			405.16
		62000570 5270	Press Event Marketing	405.16	
178932	5/23/23	ULINE			2,744.47
		83000570 5350	BOLLARD COVERS FOR THE BOLLARDS AT T	2,744.47	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178933	5/23/23	UNITED RENTALS INC 82000570 5380	5-5'x12' STEEL PLATES 7900 S 1000 E MLB	303.63	\$303.63
178934	5/23/23	UTAH BREAKERS & SUPPLY 11000180 6010 4213	WELLS REPAIR AND REPLACE-DW8	5,080.00	5,080.00
178935	5/23/23	UTAH BUREAU OF CRIMINAL IDENTIFICATION 51000650 5170	EMPLOYEES BACKGROUND CHECK	66.50	66.50
178936	5/23/23	UTAH COUNTY AUDITORS OFFICE 51000650 5284	TRUTH IN TAXATION COMBINED AD FOR 2022	48.27	48.27
178937	5/23/23	UTAH STATE RETIREMENT SYSTEMS 51000650 5145	UNDERPAID CONTRIBUTION TIER 1 - JOSEPH	33.39	33.39
178938	5/23/23	UTAH STATE TAX COMMISSION 11000200 2240	PAYROLL 051523	42,676.46	42,676.46
178939	5/23/23	WE CARE! - HANDYMAN 52000570 5400	REPAIRS TO RENTAL PROPERTY	3,250.00	3,250.00
178940	5/23/23	WEST VALLEY CITY 75300590 5430	VARIOUS SITES	186.00	186.00
178941	5/23/23	ZIONS BANK 51000650 5286	B1 BONDS ANNUAL TRUSTEE FEE	4,000.00	4,000.00
178942	5/23/23	ZIONS BANK 51000650 5286	FEES FOR EXTENDING SBPA	1,500.00	1,500.00
178943	5/31/23	ANTONIO DIDONATO 62000570 5670	FLIP YOUR STRIP PAYMENT	262.50	262.50
178944	5/31/23	ARBITRAGE COMPLIANCE SPECIALISTS INC 51000650 5286	B1 BOND ARBITRAGE CALCULATION FOR 151	2,100.00	2,100.00
178945	5/31/23	CENTURYLINK / LUMEN 90000650 5230 90071650 5230 90072650 5230 90101650 5230	VARIOUS LOCATIONS VARIOUS LOCATIONS VARIOUS LOCATIONS VARIOUS LOCATIONS	485.57 485.57 962.68 1,143.03	3,076.85
178946	5/31/23	CRUS OIL INC 81000570 5320	ONE DRUM OF 15W40 MOTOR OIL.	856.50	856.50
178947	5/31/23	DAVID D MARTIN 51000650 5290	GFOA	920.40	920.40
178948	5/31/23	DOMINION ENERGY 51000650 5420 73000590 5420 75500590 5420	8215 S TEMPLE 8215 S TEMPLE 5820 S 3600 W	10,334.15 2,583.54 852.03	13,769.72
178949	5/31/23	GLOVER NURSERY 83073570 5350	NEW TREE AND PLANTS FOR THE MAINTENA	586.88	586.88
178950	5/31/23	JEANETTE PERRY 60000650 5290	AWWA ACE CONFERENCE	1,020.21	1,020.21

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178951	5/31/23	LAYTON CITY 52000570 5400	997 W GENTILE	79.80	\$79.80
178952	5/31/23	LEGAL SHIELD 11000200 2135	PAYROLL 043023	1,322.75	1,322.75
178953	5/31/23	LINDE GAS & EQUIPMENT 78000590 5720	GASSES FOR LAB INSTRUMENTS	339.69	339.69
178954	5/31/23	LORRIE ANN COWLES			VOID
178955	5/31/23	MATT HINCKLEY 75000590 5290	AWWA ACE CONFERENCE	240.00	240.00
178956	5/31/23	NAPA GENUINE AUTO PARTS COMPANY 81000570 5330	REPAIR PARTS AND SUPPLYS.	868.12	868.12
178957	5/31/23	NATHAN TALBOT 75000590 5290	AWWA ACE CONFERENCE	227.00	227.00
178958	5/31/23	PREFERRED PAVING 82000570 5380 82000570 5380	ASPHALT ON 7900 S 1000 E 14" STEEL LINE LI ASPHALT REPAIRS FOR 3300 S 250 W MAINLI	3,655.00 5,448.30	9,103.30
178959	5/31/23	RICHARD COOPER 11000170 6010	5 ALPINE PURCHASES & 2023 PRORATED LE	190,312.50	190,312.50

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178960	5/31/23	ROCKY MOUNTAIN POWER			\$85,393.92
		52000570 5400	311522760124	11.45	
		52000570 5400	311522760132	10.97	
		71000590 5410	175509260287	20,759.87	
		72000590 5410	175509260188	5,369.38	
		75202590 5410	287176760018	29.72	
		75203590 5410	175509260063	11.21	
		75209590 5410	175509260253	39.98	
		75218590 5410	311522760546	62.69	
		75302590 5410	227856660013	27.86	
		75304590 5410	175509260162	44.91	
		75304590 5410	333110060014	81.33	
		75315590 5410	175509260105	54.97	
		75317590 5410	175509260170	18.29	
		75318590 5410	175509260220	183.63	
		75330590 5410	913799040047	207.00	
		75332590 5410	333110760050	30.19	
		75335590 5410	261824160038	161.41	
		75337590 5410	261824160046	348.92	
		75501590 5410	175509260030	210.02	
		75504590 5410	266289460013	13,417.53	
		75505590 5410	175509260295	6,557.15	
		75506590 5410	175509260238-050523	543.15	
		75512590 5410	175509260360	408.81	
		75514590 5410	227856660120	8,752.22	
		75515590 5410	175509260410	27,284.21	
		75517590 5410	325517860012	115.67	
		75517590 5410	329228560010	67.15	
		75601590 5410	217351760012	15.58	
		75605590 5410	175509260246	14.16	
		75607590 5410	175509260352	37.80	
		75608590 5410	175509260394	27.24	
		75613590 5410	227856660039	66.01	
		75617590 5410	377120460078	16.52	
		75618590 5410	311522760066	17.94	
		75619590 5410	311522760470	18.88	
		75621590 5410	311522760157	15.77	
		75622590 5410	311522760181	13.56	
		75623590 5410	311522760165	22.53	
		75624590 5410	311522760173	13.22	
		75625590 5410	311522760041	15.21	
		75626590 5410	311522760033	19.52	
		75629590 5410	377220560033	18.05	
		75630590 5410	311522760363	22.99	
		75631590 5410	311522760462	19.22	
		75632590 5410	311522760454	36.33	
		75634590 5410	311522760629	14.98	
		75704590 5410	175509260261	19.47	
		75706590 5410	311522760611	28.90	
		75746590 5410	311522760330	26.27	
		75773590 5410	227856660021	84.08	
178961	5/31/23	SANDY CITY			3,605.47
		52000570 5400	579 W 9400 S	8.98	
		72000590 5440	11574 WYNDCASTLE	3,460.73	
		75300590 5430	2580 E 9800 S	135.76	
178962	5/31/23	SELECTHEALTH			246,016.40
		11000200 2135	JUNE 2023	246,016.40	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
178963	5/31/23	STANDARD PLUMBING SUPPLY 83000570 5350	FAUCET SOLENOID FOR THE ADMIN SINKS	489.86	\$489.86
178964	5/31/23	US BANK FINANCIAL 11000200 2132	PCARDS 042623-052523	41,007.36	41,007.36
178965	5/31/23	UTAH DIVISION OF WATER RESOURCES 62000570 5270	STATEWIDE MEDIA CAMPAIGN	52,400.00	52,400.00
178966	5/31/23	VEHICLE LIGHTING SOLUTIONS INC 81000570 5330	REPLACEMENT STROBE LIGHT	126.26	126.26
178967	5/31/23	WEST JORDAN CITY 51000650 5410 51000650 5430 51000650 5430 51000650 5440	8275 S 1300 W 8215 S 1300 W 8275 S 1300 W 8275 S 1300 W	5.22 1,019.73 88.11 1,439.55	2,552.61
178968	5/31/23	CANYONS SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- QUAIL HOLL	294.82	294.82
178969	5/31/23	CANYONS SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- BELLA VIST.	155.28	155.28
178970	5/31/23	GEOTECH 77000590 5750	WATER QUALITY EQUIPMENT	113.38	113.38
178971	5/31/23	GRANITE SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- LINCOLN EL	264.00	264.00
178972	5/31/23	GRANITE SCHOOL DISTRICT 62000570 5270	SCHOOL BUS REIMBURSEMENT- WOODSTOC	330.00	330.00
178973	5/31/23	KEN GARFF WEST VALLEY DODGE 81000570 5330	FUEL TANK FOR TRUCK 733.	793.60	793.60
178974	5/31/23	MILLBURN LAWN & LANDSCAPE 83000570 5360 83000570 5360 83071570 5360 83072570 5360	LAWN CARE NATURAL TERRAIN MAINTENANCE GR LAWN CARE LAWN CARE	4,933.70 1,024.85 309.00 772.50	7,040.05
178975	5/31/23	NAPA GENUINE AUTO PARTS COMPANY 81000570 5330 81000570 5330	FUSE'S, OIL FILTER'S,LICENCE PLATE LIGHT. REPAIR PARTS	29.18 416.31	445.49
178976	5/31/23	ROBERT SQUIRE 90000650 5290	AWWA ACE CONFERENCE	281.00	281.00
178977	5/31/23	SALT LAKE CITY SCHOOL DISTRICT 62000570 5270	BUS REIMBURSEMENT - PARKVIEW ELEMEN	150.00	150.00
178978	5/31/23	UTAH DIVISION OF GOV.OPERATIONS 81000570 5340	FLEET APRIL FUEL BILL	15,257.97	15,257.97

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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178979	5/31/23	VERIZON WIRELESS			\$1,726.05
		90000650 5230	VERIZON AMI BILL	50.16	
		90000650 5230	VERIZON WIRELESS IPAD BILL	136.98	
		90000650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	1,242.49	
		90071650 5230	VERIZON AMI BILL	25.00	
		90071650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	65.05	
		90072650 5230	VERIZON AMI BILL	25.00	
		90072650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	25.04	
		90077650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	84.22	
		90101650 5230	VERIZON AMI BILL	25.00	
		90101650 5230	VERIZON WIRELESS PHONE & DATA ACCESS	47.11	
503848 EFT	5/4/23	BAILEY ANDERSON			255.00
		77000590 5290	CROSS CONNECTION TEST-BAILEY A	255.00	
503849 EFT	5/4/23	BARRETT BUSINESS SERVICES, INC			6,689.41
		52000650 5280	GARDEN TEMP EMPLOYEES TIME	1,564.85	
		62000570 5350	GARDEN TEMP EMPLOYEES TIME	5,124.56	
503850 EFT	5/4/23	BOWEN COLLINS & ASSOCIATES			10,879.54
		11000180 6010 4242	WELL DEVELOPMENT & TEST PUMPIN	3,316.98	
		11000188 6010 4190	3300 SOUTH PIPELINE REPLACEMEN	7,562.56	
503851 EFT	5/4/23	BRAXTON MYLER			61.00
		80000570 5290	CDL DRIVERS LICENSE FEE REIMBURSEMEN	61.00	
503852 EFT	5/4/23	BRINKMANN INSTRUMENTS,INC			2,582.62
		78000590 5720	IC INSTRUMENT PARTS	2,582.62	
503853 EFT	5/4/23	CALEB VINCENT			150.00
		80000570 5290	REIMBURSEMENT FOR D4 WATER OPERATOI	150.00	
503854 EFT	5/4/23	CARENOW			1,112.00
		51000650 5170	DOT, PHYSICAL, RANDOM & NEW HI	1,112.00	
503855 EFT	5/4/23	CHAMBERWEST			3,250.00
		51000650 5170	CHAMBERWEST COMMUNITY INVESTMENT M	3,250.00	
503856 EFT	5/4/23	CHEMTECH-FORD INC			7,124.00
		77000590 5770	WATER QUALITY ANALYSIS	150.00	
		77071590 5770	WATER QUALITY ANALYSIS	1,137.00	
		77072590 5770	WATER QUALITY ANALYSIS	983.98	
		77073590 5770	WATER QUALITY ANALYSIS	3,037.01	
		77075590 5770	WATER QUALITY ANALYSIS	1,816.01	
503857 EFT	5/4/23	CHEMTRAC			1,980.00
		91071570 5310	REPAIR PARTICLE COUNTERS LASER	1,980.00	
503858 EFT	5/4/23	CINTAS CORPORATION			210.40
		72000590 5260	FIRST AID SUPPLIES	210.40	
503859 EFT	5/4/23	CODALE ELECTRIC SUPPLY INC			3,623.19
		51000000 6210	COST TO REPAIR RTU CABINET, DA	3,623.19	
503860 EFT	5/4/23	CONSOR NORTH AMERICA, INC			1,320.00
		52000570 5400	OBTAIN LEGAL DESCRIPTIONS	1,320.00	
503861 EFT	5/4/23	CORE & MAIN			3,128.40
		82000570 5380	12" MACRO COUPLER, 3/4" BRASS	3,128.40	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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503862	EFT 5/4/23	DELL MARKETING LP 90000650 5230	DELL BATTERY JEANETTE	78.00	\$78.00
503863	EFT 5/4/23	ELECSYS INTERNATIONAL CORPORATION 90000650 5230 90101650 5230	ELECSYS CATHODIC PROTECTION MONTHLY ELECSYS CATHODIC PROTECTION MONTHLY	60.00 250.00	310.00
503864	EFT 5/4/23	FERGUSON ENTERPRISES LLC 82000570 5380 82000570 5380	3/4" BRASS COMPRESSION FITTING BYPASS VALVES FOR 1 1/2" & 2"	521.51 749.44	1,270.95
503865	EFT 5/4/23	HACH COMPANY 91000570 5310	NEW PH SENOR FOR PH METER	957.50	957.50
503866	EFT 5/4/23	HANSEN ALLEN & LUCE INC 11000180 6010 4280	EQUIPPING OF 76&7 AND 78&10 WE	12,542.53	12,542.53
503867	EFT 5/4/23	HDR ENGINEERING INC 51000650 5280	WATER RATE STUDY UPDATE	25,012.50	25,012.50
503868	EFT 5/4/23	HYDRO SPECIALTIES COMPANY LLC 91000570 5310	REPLACE FLOW METER DISPLAY FOR	1,123.00	1,123.00
503869	EFT 5/4/23	INDUSTRIAL PIPING & WELDING INC 11000182 6010 4277	JVWTP BASINS 3-6	13,686.00	13,686.00
503871	EFT 5/4/23	INDUSTRIAL SUPPLY 82000570 5310	12-WHEEL CUTTER BLADES & 1- RAIN JACKE	115.29	115.29
503872	EFT 5/4/23	INFINITY CORROSION GROUP INC 82000570 5360 82000570 5380 82101570 5360 82101570 5380	2022-2023 ANNUAL CATHODIC PROT CATHODIC PROTECTION REPAIRS 2022-2023 ANNUAL CATHODIC PROT CATHODIC PROTECTION REPAIRS	3,740.01 11,983.55 2,493.34 7,989.03	26,205.93
503873	EFT 5/4/23	INTERNATIONAL DIOXIDE INC 71000590 5710	JVWTP SODIUM CHLORITE FOR FY23	26,181.61	26,181.61
503874	EFT 5/4/23	KEENAN MAGOON 75000590 5290	D4 DRINKING WATER CERTIFICATION	150.00	150.00
503875	EFT 5/4/23	KILGORE COMPANIES, LLC 82000570 5380 82000570 5380 83000570 5350	ASPHALT & FILL MATERIAL MLB CONCRETE, ASPHALT & SAND BULK SALT FOR SNOW AND ICE REM	737.20 1,191.93 1,840.41	3,769.54
503876	EFT 5/4/23	KWIK KOPY PRINTING 51000650 5220	OFFICE SUPPLIES	97.00	97.00
503877	EFT 5/4/23	MESA PRODUCTS 82101570 5380	ANODES FOR SLEEVE VALVES ON TH	1,030.51	1,030.51
503878	EFT 5/4/23	METROPOLITAN WATER DISTRICT 70000510 5810	MWDSLS MARCH 2023 WATER DELIVERIES	21,902.80	21,902.80
503879	EFT 5/4/23	MICRO MOTION INC 75000570 5380 75001570 5380	1 INCH MAG METER 10 INCH MAG METER	3,785.76 5,970.98	9,756.74

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503880	EFT 5/4/23	MOUNTAINLAND SUPPLY COMPANY			\$7,114.51
		75002570 5380	COMPOSITE BOXES	4,339.88	
		75002570 5380	SENSUS 1 INCH METERS	1,483.51	
		75002570 5380	SENSUS 3/4 INCH METERS	1,291.12	
503881	EFT 5/4/23	NATIONAL TRENCH SAFETY			294.40
		82000570 5380	TRENCH BOX FOR 4165 S 300 W LEAK IN MUF	294.40	
503882	EFT 5/4/23	OLYMPUS SAFETY & SUPPLY LLC			517.00
		75000590 5260	RESPIRATORS, SAFETY GLASSES, C	517.00	
503883	EFT 5/4/23	PRO PARKING LOT PAINTING			450.00
		83000570 5360	MAINTENANCE PARKING LOT PAINTI	450.00	
503884	EFT 5/4/23	PROFESSIONAL PEST CONTROL LLC			320.00
		83000570 5350	PEST CONTROL FOR APRIL	185.00	
		83073570 5350	PEST CONTROL FOR APRIL	50.00	
		83100570 5350	PEST CONTROL FOR APRIL	85.00	
503885	EFT 5/4/23	RAYMON GARCIA			150.00
		75000590 5290	D4 DRINKING WATER CERTIFICATION	150.00	
503886	EFT 5/4/23	RUST AUTOMATION & CONTROLS INC			14,053.22
		75001570 5380	GEORG FISCHER PROBE METER	9,627.83	
		75001570 5380	RUST AUTOMATION PROBE METER	4,425.39	
503887	EFT 5/4/23	SHERWIN-WILLIAMS COMPANY			459.63
		83000570 5350	PAINT AND SUPPLIES FOR GARDEN RESTRO	459.63	
503888	EFT 5/4/23	SMITH SYSTEM DRIVER IMPROVEMENT			3,462.76
		51000650 5260	SMITH SYSTEM COURSES HELD ON A	3,462.76	
503889	EFT 5/4/23	SPRINKLER SUPPLY COMPANY			150.75
		51000000 6210	SUMP PUMP PARTS - VAULT HIT BY CITIZEN'S	150.75	
503890	EFT 5/4/23	STEVE REGAN COMPANY			744.19
		83000570 5350	SPRAYER BOOM AND PARTS FOR NEW AND C	744.19	
503891	EFT 5/4/23	THE DATA CENTER			680.50
		60000650 5250	SPRING WATER USAGE REPORT MAILING	680.50	
503892	EFT 5/4/23	UINTAH FASTENER & SUPPLY LLC			206.00
		51000000 6210	PARTS TO FIX DAMAGED VAULT LADDER, HIT	206.00	
503893	EFT 5/4/23	UTAH YAMAS CONTROLS INC			734.50
		70000590 5360	SECURITY BADGE REPLACEMENT PRI	192.00	
		90071650 5230	SECURITY SYSTEM REPAIRS AT JVW	542.50	
503894	EFT 5/4/23	VANCON INC			20,420.25
		11000182 6010 4070	JVWTP BLOWER ROOM ACOUSTICAL I	20,420.25	
503895	EFT 5/4/23	WATERFORD SERVICES, LLC			6,035.46
		72072570 5380	GRUNFOS REPAIR KITS	6,035.46	
503896	EFT 5/5/23	BARRETT BUSINESS SERVICES, INC			9,285.42
		52000650 5280	TEMP EMPLOYEE TIME	1,841.00	
		62000570 5350	TEMP EMPLOYEE TIME	5,610.00	
		62000570 5670	TEMP EMPLOYEE TIME	1,834.42	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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503897	EFT 5/5/23	BIZWEAR			\$948.90
		80000570 5170	EMPLOYEE UNIFORMS	486.15	
		80000570 5170	NEW HIRE UNIFORMS	462.75	
503898	EFT 5/5/23	CARLOS E REYES			1,984.17
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,984.17	
503899	EFT 5/5/23	CHEMTECH-FORD INC			712.00
		77072590 5770	WATER QUALITY ANALYSIS	290.99	
		77073590 5770	WATER QUALITY ANALYSIS	43.00	
		77075590 5770	WATER QUALITY ANALYSIS	378.01	
503900	EFT 5/5/23	CINTAS CORPORATION			531.30
		51000650 5260	FIRST AID CABINET SUPPLIES	483.14	
		73000590 5260	FIRST AID SUPPLIES	48.16	
503901	EFT 5/5/23	CONSOR NORTH AMERICA, INC			1,400.00
		52000570 5400	OBTAIN SURVEY FOR 10&78 WELL P	1,400.00	
503902	EFT 5/5/23	DLT SOLUTIONS LLC			3,945.19
		90000650 5230	RENEW AUTODESK SOFTWARE	3,945.19	
503903	EFT 5/5/23	ENVIRONMENTAL RESOURCE ASSOCIATES			599.89
		78000590 5720	WS PT SAMPLES FOR APRIL & OCTO	599.89	
503904	EFT 5/5/23	GLENN & HANNA BALDA TRUST			722.57
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	722.57	
503905	EFT 5/5/23	GRAYBAR ELECTRIC COMPANY INC			270.74
		91071570 5310	REPAIR PIG LAUNCH PLC WITH WAT	270.74	
503906	EFT 5/5/23	HACH COMPANY			2,816.93
		91000570 5310	DESICCANT CARTRIDGE FOR TURBID	126.93	
		91072570 5310	DESICCANT CARTRIDGE FOR TURBID	296.17	
		91073570 5310	CONDUCTIVITY SENSOR FOR DEEP W	2,351.52	
		91073570 5310	DESICCANT CARTRIDGE FOR TURBID	42.31	
503907	EFT 5/5/23	SARAH JEAN HALTERMAN			1,715.00
		60000650 5280	GRAPHIC DESIGN WORK FY 2022-20	1,715.00	
503908	EFT 5/5/23	HARRINGTON INDUSTRIAL PLASTICS LLC			948.33
		71071570 5360	PVC PARTS FOR FLOW METERS ON PEC ANE	948.33	
503909	EFT 5/5/23	IDEXX LABORATORIES INC			274.81
		78000590 5720	MICRO SUPPLIES	274.81	
503910	EFT 5/5/23	INFINITY CORROSION GROUP INC			14,626.70
		11000178 6010 4223	JA-3 CATHODIC PROTECTION SYSTE	3,283.40	
		11000184 6010 4296	AC MITIGATION, 150TH S. PIPELI	11,343.30	
503911	EFT 5/5/23	JACOBS ENGINEERING GROUP INC			101,186.85
		11000186 6010 4276	11800 SOUTH ZONE C RESERVOIR	101,186.85	
503912	EFT 5/5/23	KILGORE COMPANIES, LLC			1,520.90
		82000570 5380	CONCRETE	289.00	
		82000570 5380	CONCRETE & IMPORTED FILL	1,231.90	
503913	EFT 5/5/23	LES OLSON COMPANY			1,088.82
		90000650 5230	PRINTING GMS OVERAGES ADMIN WEST	1,088.82	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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503914	EFT 5/5/23	LITMOS US, L.P. 90000650 5230	LEARNING MANAGEMENT SYSTEM ANNUAL F	10,640.00	\$10,640.00
503915	EFT 5/5/23	MICRO MOTION INC 75001570 5380	16 INCH MAG METER	9,744.38	9,744.38
503916	EFT 5/5/23	MOUNTAINLAND SUPPLY COMPANY 82000570 5380 90000650 5230	3/4" BRASS QUICK JOINTS & FEMALE ADAPTE RENEW SENSUS AMI SOFTWARE SUPPORT	715.00 29,648.37	30,363.37
503917	EFT 5/5/23	ROADSAFE TRAFFIC SYSTEMS, INC 82000570 5380	TRAFFIC CONTROL	499.00	499.00
503918	EFT 5/5/23	THATCHER COMPANY 71000590 5710 72000590 5710 72000590 5710 75000590 5710 75000590 5710	JVWTP CHLORINE FOR FY23 PURCHASE OF CHLORINE FOR FISCA PURCHASES OF FLUORIDE FOR THE FLUOROSILICIC ACID FOR DIST. S SODIUM HYPOCHLORITE FOR DIST.	24,000.00 15,336.41 6,381.00 6,723.00 18,125.96	70,566.37
503919	EFT 5/5/23	TRAILBLAZER CONTROLS CORPORATION 91000570 5310	FLUORIDE ELECTRODE SENSOR	696.00	696.00
503920	EFT 5/5/23	WATERFORD SERVICES, LLC 71071570 5380	FILTER DRIPLEG AND HEATERS FOR	356.12	356.12
503921	EFT 5/5/23	WEIR MINERAL 72072570 5380	SAND PUMP LINERS AND CASING	1,752.00	1,752.00
503922	EFT 5/5/23	WINMARK STAMP & SIGN INC 83000570 5350	OFFICE NAME PLATE FOR PRESTON MITCHE	28.60	28.60
503923	EFT 5/5/23	WW GRAINGER 91000570 5310	REPLACE FLOW SWITCHES ON WELL	3,872.40	3,872.40
503924	EFT 5/15/23	ANRONG & RUIGUO LIU 62000570 5670	LOCALSCAPES REWARDS PAYMENT	2,372.54	2,372.54
503925	EFT 5/15/23	APPLIED GEOTECHNICAL ENGINEERING 11000188 6010 4270	2023 DISTRIBUTION PIPELINE REPLACEMEN	1,090.00	1,090.00
503926	EFT 5/15/23	BATEMAN MOBIL 1 LUBE EXPRESS 81000570 5360	EMISSION TEST	36.00	36.00
503927	EFT 5/15/23	BARRETT BUSINESS SERVICES, INC 52000650 5280 62000570 5350 62000570 5670	TEMP EMPLOYEE TIME TEMP EMPLOYEE TIME TEMP EMPLOYEE TIME	1,748.95 4,937.20 1,893.60	8,579.75
503928	EFT 5/15/23	BIZWEAR 51000650 5170	OFFICE SUPPLIES	35.00	35.00
503929	EFT 5/15/23	BLUE STAKES OF UTAH 82000570 5390	BLUE STAKES OF UTAH	2,828.70	2,828.70
503930	EFT 5/15/23	BROWN AND CALDWELL CORP. 11000140 6010 4294	LCRR SERVICE LINE INVENTORY	2,791.25	2,791.25

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503931	EFT 5/15/23	CHEMTECH-FORD INC 77000590 5770	WATER QUALITY ANALYSIS	4,000.00	\$4,000.00
503932	EFT 5/15/23	COMMERCIAL LIGHTING SUPPLY INC 78000590 5720 81071570 5360	LIGHTS FOR THE LAB JVVTP LIGHTS FOR THE LAB JVVTP	860.60 860.60	1,721.20
503933	EFT 5/15/23	CORE & MAIN 75002570 5380 82000570 5380	PIPE FITTINGS 3/4" CTS QJ X 3/4" CTS QJ & 3/4" FIP X CTS Q.	101.06 958.20	1,059.26
503934	EFT 5/15/23	CPI INTERNATIONAL INC 78000590 5720	ANION STANDARDS	204.05	204.05
503935	EFT 5/15/23	DAVID D MARTIN 51000650 5290	ACCOUNTING FOR CAPITAL ASSETS	78.59	78.59
503936	EFT 5/15/23	ELECSYS INTERNATIONAL CORPORATION 90000650 5230 90101650 5230	ELECSYS CATHODIC PROTECTION MO ELECSYS CATHODIC PROTECTION MO	60.00 250.00	310.00
503937	EFT 5/15/23	ERIKS NORTH AMERICA 81000570 5330	SPRAY GUN FOR THE PRESSURE WAS	168.48	168.48
503938	EFT 5/15/23	FERGUSON ENTERPRISES LLC 82000570 5380	1" COPPER PIPE & CHECK VALVE O	292.56	292.56
503939	EFT 5/15/23	FINLINSON & FINLINSON PLLC 51000650 5284	PREP 60	24,049.00	24,049.00
503940	EFT 5/15/23	FOLIAGE, INC 51000650 5350	PLANT SERVICES	940.00	940.00
503941	EFT 5/15/23	HARRINGTON INDUSTRIAL PLASTICS LLC 72072570 5380	GUAGES AND GUAGE GUARDS	677.15	677.15
503942	EFT 5/15/23	IDEX LABORATORIES INC 78000590 5720	MICRO SUPPLIES	10,542.94	10,542.94
503943	EFT 5/15/23	INDUSTRIAL SUPPLY 75000590 5260 75000590 5260	RAIN GEAR RAIN JACKET	320.10 25.61	345.71
503944	EFT 5/15/23	INFINITY CORROSION GROUP INC 11000184 6010 4083 11000186 6010 4271	10200 SOUTH ZONE B PIPELINE 10200 SOUTH ZONE B PIPELINE	21,123.10 26.40	21,149.50
503945	EFT 5/15/23	INTERMOUNTAIN CONCRETE SPECIALTIES 51000000 6210	CONCRETE TO FIX VAULT HIT BY CITIZEN'S V	122.40	122.40
503946	EFT 5/15/23	INTERNATIONAL DIOXIDE INC 71000590 5710	JVVTP SODIUM CHLORITE FOR FY23	24,818.36	24,818.36
503947	EFT 5/15/23	JAMES MACKLIN 62000570 5670	LOCALSCAPES REWARDS PAYMENT	11,989.67	11,989.67
503948	EFT 5/15/23	KILGORE COMPANIES, LLC 82000570 5380	ROADBASE	224.40	224.40

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503949	EFT 5/15/23	LIFE TECHNOLOGIES CORPORATION 78000590 5720	HAAS SUPPLIES	220.80	\$220.80
503950	EFT 5/15/23	MADELINE SUELTZ 62000570 5170	UNIFORM REIMBURSEMENT	52.36	52.36
503951	EFT 5/15/23	MARCUS G FAUST PC 51000650 5284	PROFESSIONAL CONSULTING SERVICES	3,000.00	3,000.00
503952	EFT 5/15/23	MOUNTAINLAND SUPPLY COMPANY 75001570 5380 75002570 5380	4 QTY: SENSUS 1.5 INCH OMNI METERS SENSUS 520M PIT LID HOUSING	2,654.38 1,231.88	3,886.26
503953	EFT 5/15/23	MOWER MEDIC 81000570 5330 81000570 5330	CARBURETOR FOR LEAF VACUUM PARTS FOR THE WEED TRIMERS	41.25 434.35	475.60
503954	EFT 5/15/23	NICKERSON COMPANY INC 11000180 6010 4213	DEEP WELL 7 IMPROVEMENTS	146,570.51	146,570.51
503955	EFT 5/15/23	OLYMPUS SAFETY & SUPPLY LLC 73000590 5260 75000590 5260	SAFETY SUPPLIES CALIBRATION GAS AND SMALL CONES	784.00 767.00	1,551.00
503956	EFT 5/15/23	OWEN EQUIPMENT 81000570 5330	8" QUICK CLAMPS	262.50	262.50
503957	EFT 5/15/23	RYAN HERCO PRODUCTS CORPORATION 81100570 5380	FLOWMATIC VALVES	183.78	183.78
503958	EFT 5/15/23	READING TRUCK EQUIPMENT,LLC 81000570 5330 81000570 5330	DOOR LATCH STROBE KIT	150.00 290.00	440.00
503959	EFT 5/15/23	STAPLES BUSINESS ADVANTAGE 71000590 5720 78000590 5720	OFFICE SUPPLIES OFFICE SUPPLIES	18.50 13.02	31.52
503960	EFT 5/15/23	TAYLOR MCCLEARY 62000570 5670	LOCALSCAPES REWARDS PAYMENT	847.02	847.02
503961	EFT 5/15/23	THATCHER COMPANY 71000590 5710 75000590 5710	JVWTP CHLORINE FOR FY23 CITRIC ACID	20,593.25 544.50	21,137.75
503962	EFT 5/15/23	UTAH BARRICADE COMPANY INC 82000570 5380	TRAFFIC CONTROL	1,991.75	1,991.75
503963	EFT 5/15/23	VEOLIA WTS SERVICES USA, INC 78000590 5720	DEIONIZED WATER SYSTEM SUPPLIE	383.00	383.00
503964	EFT 5/15/23	VWR INTERNATIONAL INC 78000590 5260 78000590 5260 78000590 5720 78000590 5720 78000590 5720	LAB MISCELLANEOUS SUPPLIES LAB SUPPLIES FOR TOC, MICRO AN HAAS CHEMICAL AND GLASSWARE LAB MISCELLANEOUS SUPPLIES LAB SUPPLIES FOR TOC, MICRO AN	248.17 259.30 1,557.59 364.96 3,433.66	5,863.68

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503965	EFT 5/15/23	WW GRAINGER			\$1,492.34
		72000590 5260	(2) OUTDOOR CHEMICAL SAFETY SI	100.00	
		81000570 5330	HOSE REAL	447.21	
		81000570 5380	HEATER FOR THE POND PUMPSTATION TERM	945.13	
503966	EFT 5/19/23	ALEX MITCHELL			1,787.50
		51000650 5180	TUITION REIMBURSEMENT	1,787.50	
503967	EFT 5/19/23	AMANDA STRACK			92.21
		62000570 5170	AMANDA STRACK UNIFORM REIMBURSEMEN	92.21	
503968	EFT 5/19/23	BARRETT BUSINESS SERVICES, INC			9,399.88
		52000650 5280	TEMP EMPLOYEES TIME	1,933.05	
		62000570 5350	TEMP EMPLOYEES TIME	5,642.34	
		62000570 5670	TEMP EMPLOYEES TIME	1,824.49	
503969	EFT 5/19/23	BIZWEAR			260.00
		80000570 5170	NEW HIRE UNIFORM ORDER	260.00	
503970	EFT 5/19/23	CHEMTECH-FORD INC			568.00
		77000590 5770	WATER QUALITY ANALYSIS	150.01	
		77071590 5770	WATER QUALITY ANALYSIS	182.00	
		77073590 5770	WATER QUALITY ANALYSIS	86.00	
		77075590 5770	WATER QUALITY ANALYSIS	149.99	
503971	EFT 5/19/23	COMMERCIAL LIGHTING SUPPLY INC			115.30
		81072570 5380	LED LIGHTS FOR SERWTP	115.30	
503972	EFT 5/19/23	CORRIO CONSTRUCTION, INC.			218,544.19
		11000188 6010 4204	ZONE D CHEMICAL FEED FACILITY	218,544.19	
503973	EFT 5/19/23	DAVID M SWENSON			1,227.50
		62000570 5670	FLIP YOUR STRIP PAYMENT	1,227.50	
503974	EFT 5/19/23	HANSEN ALLEN & LUCE INC			3,352.50
		11000180 6010 4281	COLLEGE ST. WELL REPAIR	2,835.00	
		11000180 6010 4281	WELL REPAIRS	517.50	
503975	EFT 5/19/23	INFINITY CORROSION GROUP INC			16,436.75
		82101570 5360	JA4/AA3 ANNUAL SURVEY/MITIGATION	16,436.75	
503976	EFT 5/19/23	JACOBS ENGINEERING GROUP INC			2,473.95
		77073590 5770	GSL BIRD SURVEY	2,473.95	
503977	EFT 5/19/23	KYLE ALLCOTT			77.20
		60000650 5270	REIMBURSEMENT FOR UWS BROCHURES	77.20	
503978	5/19/23	MERINDA CUTLER			VOID
503979	EFT 5/19/23	ROCKY MOUNTAIN VALVES & AUTOMATION			2,630.40
		81000570 5380	4 AIRVACS FOR THE TERMINAL RES. 1 AIRVA	2,419.08	
		81071570 5380	4 AIRVACS FOR THE TERMINAL RES. 1 AIRVA	211.32	
503980	EFT 5/19/23	ROLFE EXCAVATING AND CONSTRUCTION			591,855.46
		11000188 6010 4270	2023 DISTRIBUTION PIPELINE REP	591,855.46	
503981	EFT 5/19/23	SMITH SYSTEM DRIVER IMPROVEMENT			1,831.38
		51000650 5260	2 SMITH SYSTEM COURSES HELD ON APRIL :	1,831.38	

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503982	EFT 5/19/23	STAPLES BUSINESS ADVANTAGE			\$611.01
		51000650 5220	OFFICE SUPPLIES	434.21	
		71000590 5720	OFFICE SUPPLIES	4.29	
		78000590 5720	OFFICE SUPPLIES	3.13	
		80000570 5220	OFFICE SUPPLIES	169.38	
503983	EFT 5/19/23	TRAILBLAZER CONTROLS CORPORATION			903.00
		91071570 5310	FLUORIDE FLOWCELL ASSEMBLY	903.00	
503984	EFT 5/19/23	UTAH BARRICADE COMPANY INC			1,115.00
		82000570 5380	TRAFFIC CONTROL	1,115.00	
503985	EFT 5/19/23	UTAH YAMAS CONTROLS INC			17,967.00
		11000186 6010 4297	ZONE D RESERVOIR REPLACEMENT C	17,967.00	
503986	EFT 5/19/23	VANCON INC			1,722,294.11
		11000182 6010 4277	JVWTP BASINS 3-6 UPGRADES	1,618,900.86	
		11000184 6010 4199	10200 S 3600 W PUMP STATION	103,393.25	
503987	EFT 5/19/23	VANGUARD CLEANING SYSTEMS OF UTAH			7,430.45
		83000570 5360	JANITORIAL SERVICES (FISCAL YE	4,953.50	
		83071570 5360	JANITORIAL SERVICES (FISCAL YE	1,502.25	
		83072570 5360	JANITORIAL SERVICES (FISCAL YE	577.80	
		83073570 5360	JANITORIAL SERVICES (FISCAL YE	396.90	
503988	EFT 5/19/23	WATERFORD SERVICES, LLC			2,249.92
		91071570 5310	REPLACE CHLORINE FEEDER 4 CONT	2,249.92	
503989	EFT 5/19/23	WNA SERVICES CO.			150.00
		51000650 5170	UTAH NEWS TRACKER READING CHARGE	150.00	
503990	EFT 5/19/23	WW GRAINGER			308.16
		51000650 5260	RESPIRATOR SUPPLIES FOR ANNUAL FIT TE	308.16	
503991	EFT 5/19/23	XYLEM WATER SOLUTION USA, INC			6,650.00
		91071570 5310	TOC ANALYZER SERVICE AGREEMENT	6,650.00	
503992	EFT 5/26/23	ADVANCED ENGINEERING & ENVIRONMENTAL SERVICES			28,589.24
		11000182 6010 4284	SERWTP B-POLYMER SYSTEM IMPROV	16,615.00	
		11000184 6010 4199	3200 WEST 10200 SOUTH BOOSTER	11,974.24	
503993	EFT 5/26/23	AMBER WILLIAMS			711.78
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	711.78	
503994	EFT 5/26/23	AQUA ENVIRONMENTAL SERVICES, INC			8,740.00
		11000186 6010 4198	CHLORINE BOOSTERS	8,740.00	
503995	EFT 5/26/23	BOWEN COLLINS & ASSOCIATES			35,162.50
		11000186 6010 4231	5200 WEST 6200 SOUTH RESERVOIR	35,162.50	
503996	EFT 5/26/23	BRANDON PAGE			431.25
		62000570 5670	FLIP YOUR STRIP PAYMENT	431.25	
503997	EFT 5/26/23	CARENOW			414.00
		51000650 5170	NEW HIRE & RANDOM DRUG TESTING	414.00	
503998	EFT 5/26/23	CENTRAL UTAH WATER CONSERVANCY DISTRICT			462,870.00
		70000510 5810	CUWCD CWP WATER DELIVERIES APRIL 2023	462,870.00	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
503999	EFT 5/26/23	CHEMTECH-FORD INC			\$3,900.00
		77000590 5770	WATER QUALITY ANALYSIS	150.00	
		77071590 5770	WATER QUALITY ANALYSIS	185.00	
		77072590 5770	WATER QUALITY ANALYSIS	352.99	
		77073590 5770	WATER QUALITY ANALYSIS	1,185.99	
		77075590 5770	WATER QUALITY ANALYSIS	2,026.02	
504000	EFT 5/26/23	CINTAS CORPORATION			441.51
		71000590 5260	FIRST AID CABINET SUPPLIES	441.51	
504001	EFT 5/26/23	CORE & MAIN			2,082.60
		82000570 5380	6-CLOW FIRE HYDRANT BREAKAWAY FLANG	2,082.60	
504002	EFT 5/26/23	DLT SOLUTIONS LLC			711.00
		90000650 5230	RENEW AUTODESK SOFTWARE	711.00	
504003	EFT 5/26/23	ERIKS NORTH AMERICA			6.54
		72000590 5310	CAM LOCK FITING FOR TRASH PUMP	6.54	
504004	EFT 5/26/23	FERGUSON ENTERPRISES LLC			1,410.84
		75001570 5380	GASKETS AND BOLT PACKS	440.04	
		82000570 5380	3/4" BRASS COMPRESSION FITTING	970.80	
504005	EFT 5/26/23	GARY PETERSON			403.12
		62000570 5670	FLIP YOUR STRIP PAYMENT	403.12	
504006	EFT 5/26/23	RICHARD BILLINGS			2,000.00
		83000570 5350	GOPHER REMOVAL ON MAIN CAMPUS AND 2	2,000.00	
504007	EFT 5/26/23	HACH COMPANY			2,407.31
		71000590 5720	LAB MATERIALS AND TURBIDITY TESTER	2,209.01	
		71000590 5720	LAB MATRIALS	198.30	
504008	EFT 5/26/23	HANSEN ALLEN & LUCE INC			2,724.00
		11000184 6010 4241	2022-23 VAULT IMPROVEMENT PROJ	2,724.00	
504009	EFT 5/26/23	HOUSTON PAINTING COMPANY			24,990.00
		11000184 6010 4115	DISTRIBUTION VAULTS GROUP 2	24,990.00	
504010	EFT 5/26/23	INSPIRED BY NATURE			408.88
		62000570 5670	LOCALSCAPES DESIGNER REWARDS	408.88	
504011	EFT 5/26/23	KEVIN & JODI RHODES REVOCABLE TRUST			4,088.80
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	4,088.80	
504012	EFT 5/26/23	KILGORE COMPANIES, LLC			2,584.55
		82000570 5380	CONCRETE, ASPHALT, SPOIL FILLS	1,714.15	
		82000570 5380	IMPORTED FILL MLB	870.40	
504013	EFT 5/26/23	LINDSEY WILLIAMS			8,538.09
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	8,538.09	
504014	EFT 5/26/23	MOUNTAINLAND SUPPLY COMPANY			346.00
		83000570 5350	GARBAGE DISPOSAL FOR THE MAINTENANC	346.00	
504015	EFT 5/26/23	MOWER MEDIC			315.62
		83000570 5350	TRIMMER LINE AND CHAINSAW BLADE SHAR	315.62	

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504016	EFT 5/26/23	MURRAY CITY CORPORATION 75309590 5410	350 E 4500 S	179.15	\$179.15
504017	EFT 5/26/23	MYCKA MURPHY 62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,206.02	1,206.02
504018	EFT 5/26/23	NICKERSON COMPANY INC 11000182 6010 4228	SERWTP RECLAIM PUMP REPLACEMEN	37,460.00	37,460.00
504019	EFT 5/26/23	PECZUH PRINTING 62000570 5270	FYS HOMEOWNER TRI-FOLD BROCHURE & C	363.00	363.00
504020	EFT 5/26/23	POLYDYNE INC 72000590 5710	(2) TOTES OF PEC (CLARIFLOC C-308P)	3,190.10	3,190.10
504021	EFT 5/26/23	PROFESSIONAL PEST CONTROL LLC 83073570 5350 83100570 5350 83000570 5350	PEST CONTROL FOR MAY PEST CONTROL FOR MAY PEST CONTROL FOR MAY	50.00 85.00 185.00	320.00
504022	EFT 5/26/23	ROCKY MOUNTAIN VALVES & AUTOMATION 75000570 5380	8" SINGER REGULATOR	7,937.30	7,937.30
504023	EFT 5/26/23	ROGER & KAREN NORDGREN TRUST 62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,356.11	1,356.11
504024	EFT 5/26/23	RS 91000570 5310	REPLACE STARTER IN ACTUATOR AT	558.59	558.59
504025	EFT 5/26/23	SMITH & EDWARDS 80000570 5260	NEW HIRE SAFETY BOOTS	109.90	109.90
504026	EFT 5/26/23	SPRINKLER SUPPLY COMPANY 82000570 5380 83000570 5350	4"SCH 80 PVC PARTS FOR AV VENT LINES RE NEW SPRINKLER CLOCK FOR THE MAINTEN/	626.66 515.35	1,142.01
504027	EFT 5/26/23	TERESA MCENTIRE 62000570 5670	LOCALSCAPES REWARDS PAYMENT	911.34	911.34
504028	EFT 5/26/23	THATCHER COMPANY 71000590 5710 71000590 5710 72000590 5710	JVWTP CHLORINE FOR FY23 JVWTP PACL FOR FY23 PURCHASE OF PACL FOR FISCAL YE	14,400.00 16,426.38 16,419.08	47,245.46
504029	EFT 5/26/23	THE DATA CENTER 60000650 5250	PUBLIC HEARING LETTER MAILING	1,792.35	1,792.35
504030	EFT 5/26/23	TROY TUCKER 80000570 5170	EMPLOYEE REIMBURSEMENT	44.74	44.74
504031	EFT 5/26/23	UNITED FENCE 51000000 6210	REPAIR OF DAMAGED FENCE AT 3200 W 6200	1,495.00	1,495.00
504032	EFT 5/26/23	UTAH LAKE WATER USERS ASSOCIATION INC 70000510 5810	ULWUA APRIL 2023 MAINTENANCE	1,121.26	1,121.26

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PAYMENT REGISTER - O&M ACCOUNT

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

PAYMENT NO.	PAYMENT DATE	VENDOR NAME ACCOUNT#	DESCRIPTION	INVOICE AMOUNT	PAYMENT AMOUNT
504033	EFT 5/26/23	UTAH YAMAS CONTROLS INC			\$1,114.84
		90000650 5230	SECURITY CAMERA REPAIRS AT MAINT BLDG	215.00	
		90000650 5230	SECURITY SYSTEM REPAIRS AT ADM	349.84	
		90072650 5230	SECURITY CAMERA REPAIRS AT SERWTP	310.00	
		90101650 5230	SECURITY CAMERA REPAIR AT THE TERMINA	120.00	
		90101650 5230	SECURITY SYSTEM REPAIRS AT THE POM	120.00	
504034	EFT 5/26/23	VANCON INC			2,667,992.92
		11000182 6010 4277	JVWTP BASINS 3-6 UPGRADES	2,667,992.92	
504035	EFT 5/26/23	VIKIA VAINUKU			52.00
		80000570 5290	CDL LIC FEES	52.00	
504036	EFT 5/26/23	WATERFORD SERVICES, LLC			352.56
		71071570 5380	FILTER DRIPLEG AND HEATERS FOR	352.56	
504037	EFT 5/26/23	WAXIE SANITARY SUPPLY			1,676.19
		83073570 5350	JANITORIAL SUPPLIES	1,676.19	
504038	EFT 5/26/23	WEST WIND LITHO			871.00
		62000570 5270	ACTIVITY BOOKS - 2ND PRINTING	871.00	
504039	5/26/23	WILLIAM & JULIE DAVIS LIVING TRUST			VOID
504040	EFT 5/26/23	WW GRAINGER			29.47
		11000182 6010 4289	JVWTP FILTER & CHEMICAL UPGRADES	29.47	
504041	EFT 5/26/23	ZACHARY & NIKIDA SEXTON			1,647.77
		62000570 5670	LOCALSCAPES REWARDS PAYMENT	1,647.77	
REPORT TOTAL:					<u><u>\$8,192,004.25</u></u>

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

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

PAYMENT DATE	PAYMENT TYPE	VENDOR NAME	DESCRIPTION	PAYMENT AMOUNT
5/2/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	810.26
5/3/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	235.53
5/5/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	365,353.53
5/5/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	56,185.64
5/5/2023	ACH	URS	STATE RETIREMENT	90,597.48
5/5/2023	ACH	HEALTHQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,853.05
5/5/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	17,124.69
5/5/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	56,986.25
5/9/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	1,944.57
5/10/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	1,015.85
5/16/2023	ACH	EMPLOYEES	TERMINATED EMPLOYEES CASHOUT	72.59
5/23/2023	ACH	EMPLOYEES	EMPLOYEE RECOGNITION / SAFETY	1,586.25
5/19/2023	ACH	EMPLOYEE	EMPLOYEE DIRECT DEPOSITS	360,685.09
5/19/2023	ACH	IRS	FEDERAL & MEDICARE TAXES	55,484.03
5/19/2023	ACH	URS	STATE RETIREMENT	90,024.28
5/19/2023	ACH	HEALTHQUITY	EMPLOYEE H.S.A. CONTRIBUTIONS	13,887.05
5/19/2023	ACH	CIGNA HEALTHCARE	EMPLOYEE DENTAL & LIFE INS	17,128.97
5/19/2023	ACH	FIDELITY	SUB SOCIAL SECURITY CONTRIB.	56,886.05
REPORT TOTAL:				\$ 1,199,861.16

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/1/2023	TERESA ATKINSON	FACEBK PB3Z6PKNJ2	META ADS - LOCALSCAPES #6045420542238813-12247159 \$100.00	62000570 5270	100.00
5/1/2023	YVETTE AMPARO	DREAMSTIME.COM	MONTHLY PHOTO STOCK FEE	51005650 5290	25.00
5/1/2023	BRIAN CALLISTER	CHUBBYS CAFE	AWWA COMMITTEE MEETING LUNCHEON TO BE REIMBURSED BY AWWA	80000570 5170	76.29
5/1/2023	JEFFREY BETTON	AMERICAN SOCIETY OF SA	ASSP ANNUAL MEMBERSHIP RENEWAL	51000650 5290	210.00
5/1/2023	BEVERLY PARRY	LITTLE AMERICA HOTEL F&B	ADMINISTRATIVE PROFESSIONALS LUNCH	51000650 5170	784.58
5/1/2023	LISA KASTELER	AMZN MKTP US	RETURN OF 3MIL LAMINATING POUCHES	80000570 5220	-24.95
5/1/2023	MICHAEL LORENC	LOWES #01613*	RETURN FOR BROWN CARPET, THEY DIDN'T RING UP AS TAX FREE	62000570 5350	-128.19
5/1/2023	MICHAEL BROWN	THE HOME DEPOT #4410	GRAFITI REMOVER	83000570 5350	51.88
5/2/2023	CORY COLLINS	BIZWEAR CONSULTING	BIZWEAR UWS TECH LOGOS	62000570 5170	191.53
5/2/2023	TERESA ATKINSON	FACEBK XVT9PP3FF2	META ADS - CGP #6102302269883145-12267633 \$100.00	62000570 5270	100.00
5/2/2023	MINDY KEELING	IN *CATERING BY BRYCE	LUNCH FOR 2023 MEMBER AGENCY MEETING	51000650 5170	1,165.50
5/2/2023	JACKIE BUHLER	STERICYCLE INC/SHRED-IT	PAYMENT FOR INVOICE #8003798372	51000650 5220	230.52
5/2/2023	JACKIE BUHLER	STERICYCLE INC/SHRED-IT	PAYMENT FOR INVOICE #8003798372	71000590 5220	73.63
5/2/2023	SHAUN MOSER	SMITHS MRKTPL #4495	STAFF APPRECIATION REFRESHMENTS	62000570 5170	38.32
5/3/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	COSSEY AWARDS CARD 75.00 FOR OLIVE GARDEN	11000200 2290	75.00
5/3/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	TYSON AWARDS CARD 100.00 FOR HOME DEPOT	11000200 2290	100.00
5/3/2023	BRADLEY BOREN	JACKETTA SWEEPING SERVICE	SWEEPING ALL OF THE ASPHALT AT THE MAIN CAMPUS	83000570 5350	1,600.00
5/3/2023	JEFFREY BETTON	SOUTH SALT LAKE POLICE	SOUTH SALT LAKE CITY POLICE REPORT FOR HYDRANT HIT BY CITIZEN AT 500 W 3500 S	51000650 5260	15.00
5/3/2023	JEFFREY BETTON	SOUTH SALT LAKE POLICE	SOUTH SALT LAKE CITY POLICE REPORT FOR HYDRANT HIT BY CITIZEN ON OLD GRANITE COVE	51000000 6210	10.00
5/3/2023	TERESA ATKINSON	DYNASCAPE SOFTWARE INC.	DYNASCAPE SOFTWARE RENEWAL \$1,162.56	90000650 5230	1,162.56
5/4/2023	JORDAN TOMSIC	GRAYBAR ELECTRIC	DIN RAIL MOUNT FOR FIBER BOX AND FIBER PARTS FOR THE INSTALL AT ROSECREST FOR CAMERAS	91000570 5310	137.52
5/4/2023	DANIEL CLAYPOOL	THE HOME DEPOT #8566	SOCKET ADAPTOR FOR LIGHTS AT JWVTP	81000570 5310	15.12
5/4/2023	BRYAN SMITH	THE HOME DEPOT #4409	20' X 30' TARP FOR DUST CONTROL	72000590 5310	119.00
5/4/2023	EPIMENIO TRUJILLO	AMZN MKTP US*0L8V05G83	LATCH REPLACEMENT FOR #748	81000570 5330	199.98
5/4/2023	JORDAN TOMSIC	AMZN MKTP US*578FF8CO3 AM	REPLACEMENT BULBS FOR THE EDUCATION CENTER LIGHTS IN THE HALL WAY	91000570 5310	183.96

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/4/2023	MINDY KEELING	HOLIDAY INN	HOTEL DEPOSIT FOR UMAA - MARK STRATFORD	51000650 5290	167.53
5/4/2023	TIMOTHY RAINBOLT	MEGAPLEX AT JORDAN COMMON	COSSEY AWARDS PROGRAM 050223	11000200 2290	75.00
5/4/2023	SHANE SWENSEN	INTERMOUNTAIN SECTION AWW	REFUND FOR CANCELED AWWA SCHLORSHIP BANQUET	52000650 5290	-60.00
5/5/2023	LAINA MCGINTY	DORM COMPANY, CORPORATION	15 YEARS SERVICE AWARD FOR TERESA ATKINSON	51000650 5170	320.74
5/5/2023	EPIMENIO TRUJILLO	EBAY O*17-10018-97681	PRESSURE SENSORS FOR VALVE TURNING MACHINE	81000570 5330	305.66
5/5/2023	LAINA MCGINTY	LIFETIME.COM	BASKETBALL HOOP FOR WELLNESS ACTIVITIES	51000650 5130	1,999.99
5/5/2023	HAYDEN COZIAR	THE HOME DEPOT 4413	GARBAGE CANS FOR SITE CLEAN UP, TOTES AND SQUEEGEE	83000570 5350	264.13
5/5/2023	DAVID HYDE	AMZN MKTP US*6X4VI3ER3	HEATER IGNITOR FOR NARROWS PUMP STATION	81100570 5380	58.79
5/5/2023	EPIMENIO TRUJILLO	AMZN MKTP US*952116CR3	716 WINDSHIELD COVERS FOR DRIVER AND PASSENGER SIDE	81000570 5330	38.12
5/5/2023	SHAUN MOSER	AMZN MKTP US*WN11879W3 AM	CGP NOTEBOOK SWAG	62000570 5270	98.97
5/5/2023	CORY COLLINS	BUTTERFIELD GARDENS II IN	GROUND COVERS FOR GARDEN EVENT	62000570 5350	10.34
5/5/2023	LAINA MCGINTY	DORM COMPANY, CORPORATION	TAX REFUND FOR TERESA ATKINSON SERVICE AWARD	51000650 5170	-21.68
5/5/2023	JEFFREY BETTON	SMITHS MRKTPL #4495	SAFETY MEETING SNACKS FOR DISTRICT WIDE MEETING HELD ON MAY 4, 2023	51000650 5260	31.41
5/5/2023	BRADLEY BOREN	COSTCO WHSE #1019	LUNCH SUPPLIES FOR CLEAN UPI AT JNPS AND JVWTP	80000570 5170	163.46
5/5/2023	JORDAN TOMSIC	THE HOME DEPOT #8566	LED REPLACEMENT LIGHTS FOR THE VAULT AT 138TH AND BANGERTER	91000570 5310	64.98
5/5/2023	KYLE CHAPMAN	THE HOME DEPOT #8566	MATERIALS PURCHASED TO INSTALL PROBE METER AT 134TH PUMP STATION	91000570 5310	54.09
5/5/2023	KYLE CHAPMAN	THE HOME DEPOT #8566	MATERIALS PURCHASED TO INSTALL PROBE METER AT 134TH PUMP STATION	91000570 5310	37.79
5/5/2023	RODNEY SIMS II	WAL-MART #3620	WHITE VIVEGAR FOR BUFFER SOLUTION	91000570 5310	27.52
5/8/2023	SHANE SWENSEN	AWRAUTAH.ORG	AWRA ANNUAL CONFERENCE FOR TWO ENGINEERING STAFF	52000650 5170	150.00
5/8/2023	TROY GARRETT	THE HOME DEPOT #4410	SCREWS AND WASHERS TO REPAIR AWNING OVER TRAILERS	81000570 5360	12.67
5/8/2023	MICHAEL LORENC	THE HOME DEPOT #4410	STOP AND WASTE VALVE AND MISC SUPPLIES	62000570 5350	125.46
5/8/2023	CORY COLLINS	AMAZON.COM*4S5MP3TT3 AMZN	NOTEBOOK FOR MINUTES	62000570 5350	6.95
5/8/2023	LAINA MCGINTY	AMAZON.COM*BV01R5623 AMZN	10 YEARS SERVICE AWARD FOR JUSTIN SPAINHOWER	51000650 5170	8.45
5/8/2023	MINDY KEELING	HOLIDAY INN	HOTEL RESERVATION FOR UMAA SPRING CONFERENCE - MARK STRATFORD	51000650 5290	426.82
5/8/2023	SHAUN MOSER	AMZN MKTP US*GU3PH8P63	ACRYLIC SIGN HOLDERS	62000570 5270	54.86

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/8/2023	SHAUN MOSER	AMZN MKTP US*IS4ZG0PQ3	BROCHURE HOLDERS	62000570 5270	212.14
5/8/2023	LAINA MCGINTY	AMZN MKTP US*KW3VG7TM3	10 YEARS SERVICE AWARD FOR JUSTIN SPAINHOWER	51000650 5170	241.55
5/8/2023	LAINA MCGINTY	SQ *TULIP TREE FLORAL	FLORAL ARRANGEMENT FOR A BIRTH	51000650 5170	60.00
5/9/2023	BRADLEY BOREN	AMAZON.COM*KB1ZQ8393	TRAILER HITCH ADAPTER FOR PINTLE HITCH	83000570 5350	116.80
5/9/2023	TERESA ATKINSON	AMZN MKTP US*679ZD47Q3	AMAZON ORDER # 111-2978005-3826657 - DIGITAL BUSINESS CARDS - KYLE \$10.99	60000650 5270	10.99
5/9/2023	MICHAEL LORENC	SPRINKLER SUPPLY	SPRINKLER VALVE	62000570 5350	14.85
5/10/2023	JORDAN TOMSIC	THE HOME DEPOT #4410	GFI OUTLET AT SOUTH EAST	91000570 5310	63.76
5/10/2023	SHAUN MOSER	GLOVER NURSERY INC	PLANTS FOR OPEN HOUSE	62000570 5270	470.00
5/10/2023	JORDAN TOMSIC	AMAZON.COM*Q22SI6EC3 AMZN	REPLACEMENT SMALL UPS UNITS FOR THE RTU'S THAT WE HAVE THROUH OUT THE VALLEY	91000570 5310	1,758.30
5/10/2023	LAINA MCGINTY	AMZN MKTP US*398LC5FS3	1 YEAR SERVICE AWARD FOR OTIL HELMICK	51000650 5170	99.99
5/10/2023	EPIMENIO TRUJILLO	AMZN MKTP US*IQ8535UA3	LICENSE PLATE HOLDERS FOR ALL THE TOYOYA RAV4	81000570 5330	29.97
5/10/2023	JORDAN TOMSIC	SPECIALIZED PRODUCTS CO.	QUICK CONNECT SC FIBER ENDS TO REPLACE THE OUTDATED ST CONNECTORS	91000570 5310	349.20
5/10/2023	LAINA MCGINTY	CHAMBERWEST	CHAMBERWEST PROFESSIONAL DEVELOPMENT	51000650 5170	75.00
5/11/2023	YVETTE AMPARO	OPENSESAME	ADDITIONAL COMPLIANCE TRAINING FOR MANAGERS	51005650 5290	14.00
5/11/2023	LAINA MCGINTY	AMAZON.COM*5T6294ZQ3 AMZN	OFFICE SUPPLIES/ WRIST REST FOR KEYBOARD	51000650 5220	25.08
5/11/2023	ALISHA KIMMERLE	AMZN MKTP US*K851P08K3	COAT HANGER FOR OFFICE	71000590 5220	19.50
5/11/2023	BEVERLY PARRY	IN *ENVISION UTAH	ENVISION UTAH BRONZE SPONSORSHIP SPRING BREAKFAST	51000650 5170	1,600.00
5/11/2023	LAINA MCGINTY	OMNIHOMEINC	15 YEARS SERVICE AWARD FOR TERESA ATKINSON	51000650 5170	49.99
5/11/2023	LAINA MCGINTY	WHEELER HISTORIC FARM	2023 SUMMER DISTRCIT EVENT/ SUMMER GATHERING	51000650 5170	1,862.50
5/11/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	KEELING AWARDS PROGRAM 051023	11000200 2290	15.00
5/11/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	KEELING AWARDS PROGRAM 051023	11000200 2290	50.00
5/11/2023	NICK MCDONALD	MAVERIK #593	AIR PRESSURE GAGE FOR TESTING DRAIN PLUG	71000590 5310	7.39
5/11/2023	BRADLEY BOREN	COSTCO WHSE #1019	VACUUM CLEANERS FOR THE CAMPUS BUILDINGS AND JANITORIAL SUPPLIES	83000570 5350	1,932.73
5/12/2023	SHANE SWENSEN	INTERNATIONAL RIGHT OF WA	RIGHT OF WAY AGENT CERTIFICATION - BEN PURDUE	52000650 5290	50.00
5/12/2023	JEREMY TOONE	THE HOME DEPOT 8566	Tools	71000590 5310	352.42

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/12/2023	BEVERLY PARRY	SCHMIDT S PASTRY COTTAGE-	PUBLIC HEARING DINNER	51000660 5220	51.74
5/12/2023	BRIAN CALLISTER	AMERICAN WATER WORKS ASSO	AWWA MEMBERSHIP DUES FOR BRIAN CALLISTER	80000570 5290	255.00
5/12/2023	EPIMENIO TRUJILLO	AMAZON.COM*JV3T87XJ3	CLAY BAR AND LUBRICANT FOR TAKING RUST SPOTS OFF OF VEHICLES	81000570 5330	39.18
5/12/2023	LAINA MCGINTY	AMZN MKTP US*7Z4CH15B3	WELLNESS PROGRAM ITEM- GYM EQUIPMENT/BARBELL CLIP	51000650 5130	14.24
5/12/2023	YVETTE AMPARO	AMZN MKTP US*OO6Y93IQ3 AM	SUPPLIES FOR SUMMER PARTY	51000650 5170	12.88
5/12/2023	TERESA ATKINSON	MICROSOFT#G023210911	AZURE APRIL 2023 G023210911 \$743.51	90000650 5230	743.51
5/12/2023	LAINA MCGINTY	TLF*TOOELE FLORAL	FLORAL ARRANGEMENT FOR GAGE STEWART	51000650 5170	60.00
5/12/2023	CORY COLLINS	SMITHS MRKTPL #4495	SNACKS FOR GARDEN EVENT	62000570 5270	73.86
5/15/2023	LAINA MCGINTY	AMAZON.COM*5K0WT7R63 AMZN	WELLNESS ACTIVITY ITEM/BASKETBALL	51000650 5130	32.47
5/15/2023	LAINA MCGINTY	AMAZON.COM*WG1ZB4KH3 AMZN	WELLNESS ACTIVITY ITEM/DUMBBELLS FOR THE GYM	51000650 5130	46.67
5/15/2023	CORY COLLINS	AMZN MKTP US*EH0TB81W3	GREEN LANYARDS FOR TOURS	62000570 5270	15.89
5/15/2023	LAINA MCGINTY	AMZN MKTP US*JK5E93XS3	WELLNESS PROGRAM ITEM/PORTABLE BASKETBALL HOOP	51000650 5130	169.99
5/15/2023	TROY GARRETT	MARSHALLS INDSTRL HRDWR	DRILL, TAP, THREADED ROD, AND NUTS TO REPAIR SIGHNS IN GARDEN	81000570 5360	21.66
5/15/2023	SHANE SWENSEN	VILLAGE BAKER INC	WORKING LUNCH FOR JWWTB BASIN 1-2 PROJECT	11000182 6010	125.67
5/15/2023	MICHAEL LORENC	SPRINKLER SUPPLY	SPRAY HEAD CAPS	62000570 5350	31.59
5/15/2023	ALLEN CURTIS	THE HOME DEPOT #4409	TUBING AND CLAMPS FOR THE FLORIDE VAULT NEWBEARY WELL	81000570 5360	30.51
5/15/2023	TROY GARRETT	THE HOME DEPOT #4410	PVC FIITINGS	81000570 5360	24.20
5/15/2023	TROY GARRETT	THE HOME DEPOT #4410	2 GALLON SPRAYER FOR COILS	81000570 5360	17.97
5/15/2023	TROY GARRETT	THE HOME DEPOT #4410	PVC PLIERS FOR FITTINGS	81000570 5360	16.47
5/15/2023	NICK MCDONALD	THE HOME DEPOT #8566	WET DRY VACCUM	71000590 5310	179.00
5/16/2023	LAINA MCGINTY	AMAZON.COM*XT6211T23 AMZN	WELLNESS PROGRAM ACTIVITY ITEM/CORNHOLES	51000650 5130	385.41
5/16/2023	SHAUN MOSER	PERENNIAL FAVORITES NURSE	PLANTS FOR OPEN HOUSE BOOTH	62000570 5270	518.00
5/16/2023	LAINA MCGINTY	SMITHS MRKTPL #4495	WELLNESS PROGRAM/REFRESHMENTS FOR WELLNESS CHALLENGE	51000650 5130	108.38
5/17/2023	SHAUN MOSER	ALPHAGRAPHICS88	CONCRETE STICKERS FOR OPEN HOUSE	62000570 5270	161.18
5/17/2023	SHAUN MOSER	ALPHAGRAPHICS88	HANDOUTS AND MAPS FOR OPEN HOUSE	62000570 5350	751.78
5/17/2023	LAINA MCGINTY	AMZN MKTP US*ZR7V85V43	WELLNESS PROGRAM ACTIVITY ITEM/BEAN BAGS FOR CORNHOLE	51000650 5130	68.92
5/17/2023	DAVID BERATTO	SNOWY CENTRAL ATOMIC TOWI	TOWING	82000570 5380	206.00
5/17/2023	SHAUN MOSER	IN *UTAH NURSERY & LANDSC	UNLA MEMBERSHIP RENEWAL 23-24	62000570 5290	250.00

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/18/2023	SHANE SWENSEN	VILLAGE BAKER INC	WORKING LUNCH MEETING FOR JWWT FILTER/CHEMICAL PROJECT	11000182 6010	104.34
5/18/2023	DAVID BERATTO	UTAH LDSCP SUPPLY SOD	250 SQFT OF SOD	82000570 5380	118.53
5/18/2023	ALLEN CURTIS	THE HOME DEPOT #4410	COPPER FITTINGS FOR COIL UNIT 36 AND 102	81000570 5360	126.36
5/18/2023	BRYAN SMITH	THE HOME DEPOT #4409	SMALL CORD REELS	72000590 5310	21.82
5/18/2023	JORDAN TOMSIC	THE HOME DEPOT 8566	HOSE AND FITTINGS FOR THE AIR COMPRESSOR AND THE INSTRUMENTS	91000570 5310	96.13
5/18/2023	BRYAN SMITH	THE HOME DEPOT #4409	LARGE ELECTRICAL CORD REELS	72000590 5310	86.50
5/18/2023	TERESA ATKINSON	AMAZON.COM*Y82461LN3	AMAZON ORDER #111-1229278-5098608 DAVID GREGORY - SCREEN CLEANING SUPPLIES \$38.42	90000650 5230	38.42
5/18/2023	JOSHUA SHREWSBURY	AMZN MKTP US*RQ4HR7PV3	NYLON ROPE	72000590 5310	6.99
5/18/2023	SHAUN MOSER	AMZN MKTP US*SG3I86X73	PLEXIGLASS FOR AFRAME SIGNS	62000570 5270	40.55
5/18/2023	LAINA MCGINTY	SP HOSELINK USA	10 YEARS SERVICE AWARD FOR JOH HILBERT	51000650 5170	252.03
5/18/2023	NATHAN TALBOT	HARBOR FREIGHT TOOLS 292	TOOLS FOR TRUCK AND DISPOSABLE GLOVE DISPENSERS	75000590 5310	159.88
5/18/2023	NATHAN TALBOT	HARBOR FREIGHT TOOLS 292	TOOLS FOR TRUCK AND DISPOSABLE GLOVE DISPENSERS	75000590 5260	83.94
5/19/2023	SHAUN MOSER	4IMPRINT, INC	SWAG FOR OPEN HOUSE	62000570 5270	4,691.52
5/19/2023	BEVERLY PARRY	IN *CATERING BY BRYCE	PUBLIC HEARING DINNER	51000660 5220	404.04
5/19/2023	BRADLEY BOREN	AMAZON.COM*LH3GS19B3 AMZN	1" PUMPS TO PUMP OUT VAULTS AND SPRINKLER BOXES	83000570 5310	116.14
5/19/2023	BRADLEY BOREN	AMAZON.COM*LH3GS19B3 AMZN	1" PUMPS TO PUMP OUT VAULTS AND SPRINKLER BOXES	83071570 5310	116.14
5/19/2023	DAVID HYDE	AMZN MKTP US*4X18R7UD3	SNAP CUTTER FOR SERVICE TRUCK	81000570 5310	138.98
5/19/2023	JOSHUA SHREWSBURY	AMZN MKTP US*A77PK5TE3	TUBE CLEANERS	72000590 5310	18.39
5/19/2023	DAVID HYDE	AMZN MKTP US*D53US0BJ3	ON BOARD BATTERY CHARGER FOR THE GENIE LIFT	81000570 5360	343.00
5/19/2023	CORY COLLINS	AMZN MKTP US*MQ8NR46T3	WRISTBANDS FOR PHOTGRAPHY	62000570 5350	8.89
5/19/2023	JACKIE BUHLER	UPS*BILLING CENTER	PAYMENT FOR INVOICE 0000A3278X163 AND 0000A3278X153	51000650 5250	38.68
5/19/2023	MICHAEL LORENC	SPRINKLER SUPPLY	IRRIGATION PARTS, RAKES	62000570 5350	64.96
5/19/2023	HAYDEN COZIAR	THE HOME DEPOT #4410	PARTS TO INSTALL NEW SPRINKLER CLOCK AT THE MAINTENANCE BUILDING	83000570 5350	66.91
5/19/2023	CORY COLLINS	THE HOME DEPOT #4410	PLASTIC TOTE FOR FLYERS STANDS	62000570 5270	18.98
5/19/2023	KOLBY PARMAN	THE HOME DEPOT #8566	REPLACEMENT PARTS FOR REG	75000570 5380	8.02
5/19/2023	TERESA ATKINSON	FIGMA MONTHLY RENEWAL	FIGMA SOFTWARE MAY18 2023 TO JUNE 18 2023 \$42.91	60000650 5270	42.91
5/19/2023	ALISHA KIMMERLE	COSTCO WHSE#1441	LEADERSHIP TOUR DRINKS AND SUPPLIES FOR SERVICE AWARD LUNCHEON	70000590 5170	62.46

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/22/2023	BEVERLY PARRY	VILLAGE BAKER INC	PERFORMANCE EVALUATION LUNCH-MARK STRATFORD	51000650 5170	19.75
5/22/2023	ANDREW ADAMS	THE HOME DEPOT #4410	PLUG ENDS FOR 2" PUMPS	82101570 5310	21.68
5/22/2023	DAVID HYDE	AMZN MKTP US*E215D48Z3	2 HOLE SAW KITS FOR SERVICE TRUCKS	81000570 5310	318.00
5/22/2023	SHAUN MOSER	AMZN MKTP US*PB2V27TH3	A-FRAME LENS COVERS	62000570 5270	40.55
5/22/2023	LAINA MCGINTY	IN *PROVOST INVESTMENTS I	2023 SUMMER EMPLOYEE EVENT/SUMMER PARTY	51000650 5170	850.00
5/23/2023	LAINA MCGINTY	AMZN MKTP US*235EH8CF3	1 YEAR SERVICE AWARD FOR CALEB CHRISTENSEN	51000650 5170	78.89
5/23/2023	LAINA MCGINTY	AMZN MKTP US*6T3R29FS3	1 YEAR SERVICE AWARD FOR CALEB CHRISTENSEN	51000650 5170	17.99
5/23/2023	JACKIE BUHLER	AMZN MKTP US*C06F24SY3 AM	FORKS FOR ADMIN KITCHEN	51000650 5220	11.99
5/23/2023	DAVID HYDE	AMZN MKTP US*SG3ZJ2HH3	SMALL TUBING CUTTER FOR SERVICE TRUCKS	81000570 5310	88.28
5/23/2023	DAVID HYDE	AMZN MKTP US*YX3O20433	2 DRILL AND DRIVER TO REPLACE WORN OUT DRILL SETS ON SERVICE TRUCKS AND DRILL DOCTOR FOR SHOP	81000570 5310	569.85
5/23/2023	LAINA MCGINTY	FSP*BOUNCIN BINS SERVICES	2023 SUMMER EMPLOYEE EVENT/SUMMER PARTY	51000650 5170	506.50
5/23/2023	ALICIA SEKILLER	AWWA EVENTS	AWWA ANNUAL CONFERENCE ENROLLMENT_ROBERT SQUIRE	90000650 5290	1,025.00
5/23/2023	ALICIA SEKILLER	AWWA EVENTS	AWWA ACE ANNUAL CONFERENCE REGISTRATION FOR JEANETTE PERRY	60000650 5290	1,025.00
5/23/2023	TIMOTHY RAINBOLT	SMITHS MRKTPL #4495	SHREWSBURY AWARD PROGRAM 052223	11000200 2290	100.00
5/24/2023	ALISHA KIMMERLE	WAL-MART #3620	ICE FOR LEADERSHIP TOUR	70000590 5170	9.32
5/24/2023	UTAH STATE BAR CEU CERT - STRATFORD	FSP*UTAH STATE BAR - MCLE	UTAH STATE BAR CEU CERT - STRATFORD	51000650 5284	10.00
5/24/2023	YVETTE AMPARO	APPLE SPICE MURRAY	LUNCH FOR SYSTEMS TOUR LEADERSHIP PROGRAM	51005650 5290	295.69
5/24/2023	JARED BRACE	UTAH LDSCP SUPPLY SOD	RAN CARD AND THEN HAD IT REVERSED	82000570 5310	-37.93
5/24/2023	JARED BRACE	UTAH LDSCP SUPPLY SOD	RAN CARD AND THEN DECIDED TO USE JWCD ACCOUNT	82000570 5310	37.93
5/24/2023	BRYAN SMITH	AMAZON.COM*D69NR1WJ3	OFFICE BATTERIES	72000590 5220	45.42
5/24/2023	SHAUN MOSER	AMZN MKTP US*0U89282F3	DOUBLE SIDED TAPE	62000570 5350	14.99
5/24/2023	EPIMENIO TRUJILLO	AMZN MKTP US*ZG01B3YR3	LICENSE PLATE COVERS FOR TOYOTA RAV 4	81000570 5330	32.85
5/24/2023	FUAVAI ETEAKI	MAVERIK #573	GAS FOR RENTAL VANS - LEADERSHIP TOUR	51005650 5290	33.01
5/24/2023	FUAVAI ETEAKI	MAVERIK #573	GAS RECEIPT FOR 15 PASSANGER VAN - LEADERSHIP TOUR	51005650 5290	17.66
5/24/2023	FUAVAI ETEAKI	ENTERPRISE RENT-A-CAR	RENTAL OF TWO 15 PASSANGER VANS FOR LEADERSHIP TOUR	51005650 5290	235.20
5/24/2023	GORDON BATT	ENTERPRISE RENT-A-CAR	VAN RENTAL FOR LEADERSHIP TOUR	51005650 5290	235.20

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PURCHASE CARD TRANSACTIONS

For the Period 5/1/2023 Through 5/31/2023

DATE	CARD HOLDER	VENDOR NAME	DESCRIPTION	GL	AMOUNT
5/25/2023	BRADLEY BOREN	AMAZON.COM*T70T51ER3	STRAP WRENCHS FOR TRUCKS 748 AND 755.	83000570 5310	189.50
5/25/2023	EPIMENIO TRUJILLO	AMZN MKTP US*3C0VF5Z83	VEHICLE NUMBERS	81000570 5330	12.90
5/25/2023	EPIMENIO TRUJILLO	AMZN MKTP US*Y98530Z83	VEHICLE NUMBERS PACKS OF NUMBER 7	81000570 5330	4.90
5/25/2023	BEVERLY PARRY	VILLAGE BAKER INC	PERFORMANCE EVALUATION LUNCH - MATT OLSEN	51000650 5170	15.57
5/26/2023	GAGE STEWART	GRAINGER	LIGHT BULBS FOR SEWTP	91072570 5310	127.08
5/26/2023	MICHAEL BROWN	THE HOME DEPOT #8566	TILE ADHESIVE AND CAULKING TO RE-INSTALL TILE AT JVVTP	83071570 5350	18.92
5/26/2023	TERESA ATKINSON	UTAH AGRC-DTS-GPS	TRIMLBE RECEIPT - RYAN FORSYTH \$600	90000650 5230	600.00
5/26/2023	TERESA ATKINSON	UTAH AGRC-DTS-GPS	TRIMLBE RECEIPT - STEVE SCHMIDT \$600	90000650 5230	600.00
5/26/2023	TERESA ATKINSON	UTAH AGRC-DTS-GPS	TRIMLBE RECEIPT - FRANK SMITH \$600	90000650 5230	600.00
5/26/2023	LAINA MCGINTY	IN *DAD'S ICE CREAM, INC.	PAST DUE 2021 SUMMER EVENT INVOICE	51000650 5170	596.00
5/29/2023	DAVID HYDE	AMZN MKTP US*EY5P48Y93	2 MILWAUKEE BATTEIES FOR SERVICE TRUCKS	81000570 5310	137.80
5/29/2023	TERESA ATKINSON	FACEBK N3YSUP7FF2	META ADS - CGP #6N3YSUP7FF2 \$50.00	62000570 5270	50.00
5/29/2023	CORY COLLINS	OTC BRANDS INC	PRIZES FOR KIDS SCAVANGER HUNTS	62000570 5350	41.98
5/29/2023	MICHAEL LORENC	THE HOME DEPOT #4410	RUBBER TUBE FOR VEGETABLE GARDEN ARCH	62000570 5350	9.50
5/29/2023	KYLE CHAPMAN	LOWES #01613*	FITTINGS FOR TRANSMITTER REPLACEMENT AT 47TH AND 60TH RES	91000570 5310	64.91
5/29/2023	JUSTIN SPAINHOWER	THE HOME DEPOT #4406	PLASTIC WING NUT TEST PLUGS 60 & 47	75000570 5380	28.27
5/29/2023	MICHAEL LORENC	SPEED'S POWER EQUIPMENT	NEW AP300 BATTERY FOR THE ELECTRIC EQUIPMENT	62000570 5350	239.99
5/30/2023	YVETTE AMPARO	DREAMSTIME.COM	PHOTO STOCK FOR TRAINING	51005650 5290	25.00
5/30/2023	DAVID HYDE	AMAZON.COM*6H3KS5N43	PACL TRANSFER PUMP	81071570 5380	507.00
5/31/2023	DAVID HYDE	AMZN MKTP US*D150J4OL3	3 SAWSALL'S FOR SERVICE TRUCKS	81000570 5310	374.97
5/31/2023	TERESA ATKINSON	FACEBK L4EVDQBFF2	META ADS - CGP #L4EVDQBFF2 \$5.00	62000570 5270	5.00
5/31/2023	LAINA MCGINTY	4IMPRINT, INC	WELLNESS PROGRAM ITEM/DISTRICIT WATER BOTTLES FOR CHALLENGE	51000650 5130	1,782.55
5/31/2023	MICHAEL LORENC	C-A-L RANCH STORES #13	CATTLE PANEL FOR VEGGIE GARDEN ARCH	62000570 5350	65.98
5/31/2023	SHAUN MOSER	SPRINKLER SUPPLY	DIGITAL OUTPUT FOR GARDEN FLOW METER	62000570 5350	300.00
5/31/2023	LAINA MCGINTY	AMAZON.COM AMZN.COM/BILL	REFUND FOR A RETURN ITEM	51000650 5130	-19.27
5/31/2023	LAINA MCGINTY	AMAZON.COM AMZN.COM/BILL	REFUND FOR A RETURN ITEM	51000650 5130	-19.27
5/31/2023	LAINA MCGINTY	AMAZON.COM AMZN.COM/BILL	REFUND FOR A RETURN ITEAM	51000650 5130	-19.27

TOTAL # OF TRANSACTIONS: 183

REPORT TOTAL: \$44,045.97

CONSERVATION UPDATE

ORDINANCE NO. 1583

AN ORDINANCE OF DRAPER CITY AMENDING THE TEXT OF THE LAND USE AND LAND DEVELOPMENT CODE (TITLE 9) AND THE LAND DEVELOPMENT CODE (TITLE 17) OF THE DRAPER CITY MUNICIPAL CODE RELATING TO DEFINITIONS, PLAN REVIEW, SITE DESIGN, WATER-WISE LANDSCAPING, PARKING AREA DESIGN, OUTDOOR STORAGE, IMPROVEMENT COMPLETION ASSURANCES, AND SUBDIVISION REQUIREMENTS IN CODE SECTIONS 9-33-040, 9-5-090, 9-22-050, 9-23-010, 9-23-020, 9-23-030, 9-23-040, 9-23-050, 9-23-060, 9-23-070, 9-23-080, 9-23-090, 9-23-100, 9-23-110, 9-23-120, 9-23-130, 9-23-140, 9-23-160, 9-23-170, 9-25-080, 9-27-230, 17-1-040, 17-4-075, AND 17-5-060 AND ENACTING SECTION 9-23-055.

WHEREAS, Utah State law grants to Draper City the authority to regulate uses of property by enacting land use and subdivision regulations, among other methods; and

WHEREAS, it is necessary from time to time to amend certain terms of the Draper City Municipal Code to address provisions that become diminished in appropriateness, applicability, or clarity; and

WHEREAS, the Land Use and Development Code and the Land Development Code of the Draper City Municipal Code (collectively the "Development Codes") have been established to provide regulations concerning development activity within the City boundaries; and

WHEREAS, the City Council of Draper City adopted the Development Codes to guide development concerning development activity within the City boundaries; and

WHEREAS, the City Council of Draper City finds good cause to amend the terms and provisions of the Development Codes and to enact new provisions regarding definitions, plan review, site design, water-wise landscaping, parking area design, outdoor storage, improvement completion assurances and subdivision regulations; and

WHEREAS, notice has been issued according to the requirements of the Utah Code Annotated and Draper City Municipal Code for public hearings before the Planning Commission and City Council to receive public input regarding the proposed changes to the Development Codes; and

WHEREAS, the Planning Commission and City Council have each held a public hearing to receive public input regarding the proposed changes to the Development Codes.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF DRAPER CITY, STATE OF UTAH, AS FOLLOWS:

Section 1. Findings. The City Council of Draper City has made the following findings that the proposed text amendment regarding the Development Codes: 1. The proposed amendments are consistent with goals, objectives and policies of the city's general plan. 2. The proposed amendments further the specific purpose statements of the Development Codes. 3. The proposed amendments are appropriate given the context of the request and there is sufficient justification for a modification to the Development Codes. 4. The potential effects of the proposed amendments have been evaluated and determined not to be detrimental to public health, safety, or welfare and represents an overall community benefit. 5. The proposed amendments implement best current, professional practices of urban planning, design, and engineering practices.

Section 2. Amendment. Sections 9-33-040, 9-5-090, 9-22-050, 9-23-010, 9-23-020, 9-23-030, 9-23-040, 9-23-050, 9-23-060, 9-23-070, 9-23-080, 9-23-090, 9-23-100, 9-23-110, 9-23-120, 9-23-130, 9-23-140, 9-23-160, 9-23-170, 9-25-080, and 9-27-230 of the Land Use and Development Code and Sections 17-1-040, 17-4-075, 17-5-060 of the Land Development Code of the Draper City Municipal Code are hereby amended to read as set forth in Exhibit A.

Section 3. Enactment. Section 9-23-055 of the Land Use and Development Code of the Draper City Municipal Code is hereby enacted as set forth in Exhibit A.

Section 4. Correction of Editing Errors. The city attorney is authorized to correct any punctuation, spelling, formatting, clerical, or de minimum errors in Exhibit A prior to submitting the ordinance for publishing.

Section 5. Severability. If any section, part or provision of this Ordinance is held invalid or unenforceable, such invalidity or unenforceability shall not affect any other portion of this Ordinance, and all sections, parts and provisions of this Ordinance shall be severable.

Section 6. Effective Date. This Ordinance shall become effective immediately upon publication or posting, or 30 days after final passage, whichever is closer to the date of final passage.

PASSED AND ADOPTED BY THE CITY COUNCIL OF DRAPER CITY, STATE OF UTAH, ON THE _____ DAY OF _____, 2023.

DRAPER CITY

Mayor Troy K. Walker

ATTEST:

Laura Oscarson, CMC, City Recorder

VOTE TAKEN:	YES	NO
Councilmember Green	_____	_____
Councilmember T. Lowery	_____	_____
Councilmember F. Lowry	_____	_____
Councilmember Roberts	_____	_____
Councilmember Vawdrey	_____	_____
Mayor Walker	_____	_____

EXHIBIT A

9-3-040: DEFINITIONS:

...

CALIPER: A trunk diameter measurement consistent with the American Standard for Nursery Stock ANSI Z60.1 standard (as amended). Generally, for trees the measurement is taken six inches (6") above the ground or soil line up to and including four inch (4") caliper size interval. If the caliper measurement when taken at six inches (6") above the ground meets or exceeds four and one-half inches (4-1/2"), the caliper size is instead measured at twelve inches (12") above the ground.

...

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

...

~~DECIDUOUS TREE: A plant species which sheds leaves at the end of the growing season, has a dormant period without leaves, and regrows the leaves at the beginning of the next growing season. Most deciduous plants bear flowers and have woody stems and broad leaves rather than needlelike leaves.~~

...

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

...

~~EVERGREEN TREE: A plant species with needles or leaves which remain alive and on the tree through the winter months and into the next growing season.~~

...

GRASS: Monocotyledonous plants from the botanical family Poaceae or Gramineae having narrow leaves, hollow stems, and clusters of very small flowers.

GRASS, ORNAMENTAL: Varieties of grass including grass-like perennial plants (sedges and rushes) that serve no purpose other than decoration. Characteristic foliage includes thick reed-like blades attached to stems topped by an inflorescence or seed head grown in bunches or clumps. As used in this title, ornamental grass does not include grass varieties used as Turf, Lawn or Sod.

...

GROUND COVER: Live plantings, not including lawn or turf that form a continuous cover over the ground that can be maintained at a height not exceeding twelve inches (12") from the surface.

...

HARDSCAPE: Patios, decks, walls, paths and similar man-made features that are part of an integrated landscape design. This definition does not include driveways, sidewalks, parking areas, or other paved walkways required for pedestrian access.

...

LANDSCAPING OR LANDSCAPE: ~~The area within a site or lot which consists of living plants, such as trees, shrubs, vines, ground covers, flowers or grass. This area can also include natural features, such as rocks, stones, bark chips and structural features, such as fountains, ponds, artwork and benches. Landscaping can be used to soften the impacts of the built environment or provide recreational opportunities.~~ The area of a development consisting of natural or introduced live vegetation together with accompanying earthwork and mulch that provide visual enhancement to the development. Landscaping can also include related outdoor features placed together with the vegetation such as decorative boulders, fountains, ponds, artwork, and benches. Also includes the act of installing the foregoing.

LANDSCAPE ARCHITECT: A person who holds a professional license to practice landscape architecture in the state of Utah.

LANDSCAPE DESIGNER: An individual that does not hold a professional license for landscape architecture but can otherwise demonstrate the necessary qualifications and competency in landscape design such as possession of an undergraduate degree in landscape architecture or horticulture from a regionally accredited educational institution, or certification as a Utah Certified Nursery Professional. Also includes individuals who possess a Utah professional license as an architect, engineer, or land surveyor and are permitted by the State to stamp plans that fall under the practice of landscape architecture.

LANDSCAPE EDGING: Metal, concrete, plastic, or other similar durable, weather, and rot resistant material that is used to separate different elements of a landscape from one another.

LANDSCAPE GRADING PLAN: Schematic, scaled drawing(s) showing finish grades, spot elevations as necessary and existing and new contours with the developed landscaped area.

LANDSCAPE IRRIGATION PLAN: Schematic, scaled drawing(s) showing the layout and components of the system for providing water to the landscaped areas of a site.

LANDSCAPE PLANTING PLAN: Schematic, scaled drawing(s) of a site or property showing the general layout of all landscaped areas.

...

MULCH: Materials such as rock, bark, wood chips or similar materials left loose and applied over the soil for the purposes of water conservation, reducing weed growth, and enhancing the visual appeal of an area.

...

NATURAL SURVEILLANCE: A Crime Prevention Through Environmental Design (CPTED) design principal and concept directed primarily at keeping intruders under observation and limiting the opportunity for crime by increasing the perception that people can be seen.

...

OPEN SPACE: ~~Generally unobstructed land, such as, but not limited to, landscaped buffers and yards, parks, trails, meadows, forested areas, pastures, and farm fields.~~ An area of land, inclusive of any wetlands or watercourses, open to the sky and not occupied by buildings, structures, parking areas, driveways, streets, alleys, or the like, which is set aside, dedicated, designated, retained, or reserved for use as passive or active recreation or for resource protection. The area is intended to remain in an undeveloped, natural, or naturalized state by design, but this definition also extends to include other intentionally landscaped areas of a site serving the same purposes in instances where an undeveloped or natural state is not specified by the ordinance.

...

~~ORNAMENTAL TREES: Either deciduous or evergreen trees which provide decoration within a landscape setting due to a defining feature, such as flowers, foliage, texture, form, shape or other aesthetic characteristics.~~

...

PARK STRIP: The area located along each side of a street between a street right of way line and the edge of asphalt ~~or curb, but not including driveways, sidewalks, or trails.~~ Does not include approved and permitted sidewalks, driveway approaches, curbs, or trails. The definition is also inclusive of the term city tree planting strips.

...

PLANT, ANNUAL: A plant species that completes its entire life cycle within a single growing season in which all roots, stems, and leaves of the plant die at the end of growing season.

PLANT, BIENNIAL: A plant species that requires two growing seasons to complete its life cycle in which all roots, stems, and leaves of the plant die at the end of the second season.

PLANT, PERENNIAL: A plant which persists for many growing seasons, usually with new herbaceous growth from a part of the plant that survives from growing season to growing season. As used in this title it includes ornamental grasses but not turf, lawn, or sod.

PLANTING BED: A well-defined and physically separate area from other adjacent landscaped areas utilized for planting annual, biennial, and perennial plants, small shrubs, and non-turf ground covers.

...

~~SHADE TREES: A tree grown specifically to provide shade within a landscaped area. While they can be either deciduous or evergreen, these trees are typically tall with spreading canopies.~~

...

SHRUB: A woody, multi-stemmed, perennial plant species. As used in this title the term refers collectively to deciduous and evergreen varieties, except where the specific term evergreen shrub is used

SHRUB, EVERGREEN: A woody, multi-stemmed, perennial plant species with needles or leaves that remain alive and on the plant through the winter months and into the next growing season.

...

SOD: Cultivated turf that has been cut into sections and harvested in rectangular slabs or rolls, to facilitate transportation to and installation at another site. Installation is referred to as sodding, and the practice reduces the time it takes to make turf areas within a landscape design functional, typically within thirty (30) days.

...

STREET TREE: An approved tree placed within a park strip, the landscaped portion of a right-of-way, or within fifteen feet (15') of the nearest edge of the right-of-way line. Street trees along public streets are considered public landscaping improvements only when all tree maintenance is performed by the city.

...

TREE, DECIDUOUS: A tree species which sheds leaves at the end of each growing season.

TREE, EVERGREEN: A tree species with needles or leaves that remain alive and on the tree through the winter months and into the next growing season.

...

TURF: A surface layer of earth containing mowed grass with its roots. Includes the terms lawn and sod.

TURF, ARTIFICIAL: Any of various synthetic, carpet like materials made to resemble turf.

...

WATER-CONSERVING PLANT: A plant that can generally survive with available rainfall once established although supplemental irrigation may be needed or desirable during times of limited rainfall. Synonymous with the terms water-wise plantings, drought tolerant plant and xeriscape landscaping.

....

9-5-090: SITE PLAN REVIEW:

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D. Procedure: An application for site plan approval shall be considered and processed as provided in this subsection.

1. A complete application shall be submitted to the office of the zoning administrator in a form established by the administrator, along with any fee established by the city's consolidated fee schedule. The application shall include the following information:
 - a. The name, address and telephone number of the applicant and the applicant's agent, if any.
 - b. The uses for which site plan approval is requested.
 - c. A certified occupancy survey at a scale no smaller than one inch equals one hundred feet (1" = 100') showing the deed boundary, all deed boundaries of adjacent parcels, and all existing natural and manmade features, such as fences, ditches, buildings, etc., within fifty feet (50') of the property line.
 - d. A single electronic set of development plans showing the information required in subsections D(1)(d)(1) to D(1)(d)(6) of this section. The information required by each subsection shall be shown on separate sheets. Plans shall be drawn at a scale no smaller than one inch equals one hundred feet (1" = 100'). Plan sets shall be prepared, stamped and signed by the professional, licensed with the state of Utah, who prepared the drawings or is professionally responsible for the drawings content, including the engineering, landscaping and architectural drawings. The development plans shall include:
 - (1) Site plan showing the following:
 - (A) All facilities related to the project located within two hundred fifty feet (250') of the site boundary.
 - (B) Layout, dimensions, and names of existing and future road rights of way. (New street names must be cleared through the county.)
 - (C) Project name, north arrow, legend and tie to a section monument.
 - (D) The boundary lines of the project site with bearings and distances.

- (E) Layout and dimensions of existing and proposed streets, buildings, parking areas, driveways, easements, setbacks, overhangs for setbacks, and landscape areas.
 - (F) Location, dimensions, and labeling of other features such as bicycle racks, dumpsters, trash cans, fences, retaining walls, nearest fire hydrant, signage, mechanical equipment, etc.
 - (G) Location of manmade features, including irrigation facilities, bridges, railroad tracks, and buildings.
 - (H) A tabulation table, showing total gross acreage, square footage of street rights of way, square footage of building footprint, square footage of total building floor area, square footage of landscaping, number of parking spaces, and square footage of impervious surfaces.
 - (I) Identification of property, if any, not proposed for development.
 - (J) Defensible space provisions and elevations, if required by the Utah Wildland Urban Interface Code adopted under Utah Code Section 15A-2-103.
- (2) Grading and drainage plan showing the following:
- (A) North arrow, scale, legend and site plan underlay.
 - (B) Topography at one foot (1') intervals.
 - (C) Areas of substantial earthmoving shown as new elevation contour lines, including with an erosion control plan.
 - (D) Location of existing watercourses, canals, ditches, springs, wells, culverts, and storm drains, and proposed method of dealing with all irrigation and wastewater.
 - (E) Location of any designated floodplain and ~~or~~ wetland boundaries.
 - (F) Direction of stormwater flows, catch basins, inlets, outlets, waterways, culverts, detention basins, orifice plates, outlets to off- site facilities, and off site drainage facilities when necessary.
 - (G) Property lines and street names, existing and proposed buildings, walls, fences, utilities, paved areas and other site improvements.
 - (H) Finish grades and spot elevations as applicable to included site features.
- (3) Utility plan showing the following:
- (A) North arrow, scale, legend and site plan underlay.
 - (B) All existing and proposed utilities, including, but not limited to: sewer, culinary water, secondary water, fire hydrants, storm drains, subsurface drains, gas lines, power lines, communications lines, cable television lines, and streetlights.
 - (C) Location and dimensions of all utility easements.
 - (D) A letter from sewer and water providers, addressing the feasibility and their requirements to serve the project.
- (4) ~~Landscaping plan~~ A landscape plan package, consistent with the requirements of chapter 23 of this title, showing inclusive of the following:
- ~~(A) North arrow, scale, legend and site plan underlay.~~

- ~~(B) Sprinkler system layout and type of heads.~~
- ~~(C) Flow rate assumed for sprinkler system.~~
- ~~(D) Plant materials and location, including species and size.~~
- ~~(E) Any other information required by chapter 23 of this title.~~

(A) Project data, details, and specifications:

- (i) Project name and property address;
- (ii) Name of the property owner;
- (iii) Names, business addresses, phone numbers and email addresses of the applicant, landscape architect, and landscaping contractor;
- (iv) The scale of each drawing in both graphical and written formats;
- (v) The date of the design, and dates of any revisions;
- (vi) A north arrow; and
- (vii) Additional details and specifications from the Landscape Architect or Landscape Designer for tree staking, soil preparation, irrigation component installation, and other similar landscape work.

(B) A detailed landscape planting plan showing:

- (i) A legend listing each symbol and line type used in the drawing;
- (ii) The location of existing and proposed buildings, walls, fences, utilities, amenities, property lines, sidewalks, streets, pavement, impervious areas, and other similar site improvements;
- (iii) The location, size, and quantities of all existing and proposed trees, plants, and landscaping materials;
- (iv) An indication as to which existing trees, plants, and landscaping materials will be removed, and the specific measures that will be taken to protect existing trees, plants and landscaping that will remain through construction; and
- (v) The botanical and common names of all trees and plants used within the plan;

(C) A detailed landscape irrigation plan, drawn at the same scale as the planting plan, containing the following:

- (i) Layout of the irrigation system and a legend summarizing the type and size of all components of the system;
- (ii) The location of pressure regulators within the system and the water pressure they will be set to; and
- (iii) For systems utilizing culinary or potable water, the plan must include the location of backflow prevention devices.

- (5) Lighting plan, consistent with the requirements of chapter 20 of this title.
- (6) Architectural ~~renderings~~ (building elevations) for all buildings showing the following:
 - (A) Accurate front, rear, and side elevations drawn to scale.
 - (B) Exterior surfacing materials and colors, including roofing material and color.
 - (C) Outdoor lighting, furnishings and architectural accents.

(D) Location and dimensions of all signage proposed to be attached to the building or structure.

(7) Floor plans for each floor of the building, including any unroofed balconies or patios, and any rooftop patios or landscaped space, showing the following:

(A) A scaled, dimensioned, and labeled layout of the building interior, including the location of all walls, doors, windows, stairwells, and fixed furnishings.

(B) The intended use and individual square footage of each room or area.

(C) The calculated square footage of each floor attributable to the total floor area of the building and a separate calculation of the square footage of any unroofed balconies or patios excluded from the total floor area calculation of the building.

- e. Soils report, geotechnical reports, and geologic hazard reports as required elsewhere in this Title.
- f. Drainage report including hydraulic and hydrologic storm drainage calculations. 100-year events may need to be accommodated in certain locations in the path of major drainages. See the Drainage Design Criteria for calculation requirements. Drainage plans shall facilitate a 10-year storm event. A maximum stormwater controlled release rate of 0.1 cubic feet per second per acre shall be the maximum permitted discharge in the Salt Lake County portion of Draper City. In the Utah County area of Draper City, no discharge shall exceed demonstrated historical flows from any drainage or sum of drainages. Further reductions in release rates may be required in situations of insufficient stormwater system capacity.
- g. Any necessary agreements with adjacent property owners regarding storm drainage or other pertinent matters.
- h. When the project is located within the sensitive lands overlay zone, additional reports as required by chapter 16 of this title.
- i. Evidence of compliance with all applicable federal, state, and local laws and regulations as may be requested by the zoning administrator.
- j. Traffic impact analysis, if requested by the city engineer or the planning commission.
- k. Preliminary title report or ALTA survey.
- l. Wastewater discharge approval from South Valley water reclamation facility, if required by the South Valley water reclamation facility.
- m. For site plans that include new proposed streets, a letter from the Salt Lake County Addressing department indicating that the proposed name is both available and has been reserved for use by the development. Availability or reservation of a proposed street name with Salt Lake County does not constitute approval of the proposed street name or addressing from Draper City.

...

9-22-050: SITE DESIGN:

- A. Building Placement: Building placement is integral to the site design and the overall effect any development has on surrounding properties. Building placement shall be carefully considered as part of the overall development review.
1. All buildings shall be located with the main facade and main entrance facing the principal street to which it has frontage.
 2. Buildings located on corner lots shall orient main facades to each street and give equal architectural treatment to each.
 - ~~3. Buildings located on corner lots should include a prominent architectural feature of greater height or emphasis at the corner where the two (2) public streets meet.~~
 43. Buildings ~~should~~ shall be located as close to the front property line as possible considering site, use, and other constraints or requirements of service providers or of this title.
 - ~~54. Main entrances shall be oriented toward the street rather than parking in cases where buildings can be located adjacent to the public right of way. Building placement on a site shall account for the provision of required open space, landscaping, facilities, services, and amenities as specified elsewhere in this title and be situated to take advantage of existing site characteristics that create privacy, and the beneficial exposure of the building interior to natural light and air circulation.~~
- ~~B. Context: New development shall consider the site design and building placement of surrounding development in order to create a site which relates to its surroundings and adds positively to the overall built environment in the site area. Additionally, all developments shall consider natural features, such as view corridors, water channels, topography, and vegetation, as integral features to be preserved, enhanced, and which will contribute to the site.~~
- C. Miscellaneous Site Considerations: The small details that sometimes become afterthoughts of site planning and design are important factors for making aesthetically attractive sites. The following shall be implemented during initial site planning:
- ~~1. Landscaped areas and walls shall be used to decrease noise levels and separate loading and service bays from customer parking where possible. Service and loading bays (automotive, service, tire, etc.) should be oriented away from neighboring residential areas and major public streets. The general public should be restricted from accessing such areas when possible.~~
 - ~~2. Approved outdoor storage areas shall be fully screened from view using the same materials as the building or approved masonry fencing. Enclosures shall also be surrounded by landscaping to further soften their visual impact. The general public shall be restricted from accessing such areas.~~
 - ~~3. Outdoor refuse and garbage collection containers shall be fully screened from view using the same materials as the building or approved masonry fencing. Enclosures shall also be surrounded by landscaping to further soften their visual impact. The general public shall be restricted from accessing such areas.~~

- ~~4. Shopping cart corrals are highly visible and needed to keep development sites safe and orderly. Corrals shall be located in fixed positions and be made of the same material as the building. Shopping corrals shall also contain some similar architectural or design features as the building.~~
- ~~5. Generators and other large auxiliary equipment shall be placed at locations where they will be least intrusive in terms of noise, appearance, and odors, particularly for occupants of neighboring properties. Site plans should also consider public utilities equipment placement and communicate early in the planning process with the various public utility providers about potential utility equipment placement on the site.~~
 - ~~a. Equipment should be kept low to the ground.~~
 - ~~b. Exhaust systems shall not protrude above the equipment.~~
 - ~~c. Walls, landscaping, and other screening shall be used.~~

B. Service Areas, Outdoor Storage, and Screening: Screening and separation of service areas, utility equipment, mechanical equipment, outdoor storage areas, and other similar areas within a development is required. To accomplish the necessary screening and separation, the design of these areas shall comply with the following:

1. Loading and service bays:
 - a. Landscaped areas or walls shall be used to separate loading and service bays from customer parking.
 - b. Loading and service bays shall be oriented away from adjacent residential areas and major public streets.
 - c. The design and layout of loading and service bays shall be designed to prevent public access to them.
2. Outdoor Storage:
 - a. Outdoor storage areas shall comply with the provisions of section 9-27-230 of this title and be screened from view in accordance with the same.
 - b. The area surrounding an outdoor storage enclosure shall be landscaped in accordance with chapter 9-23 of this title, except in locations necessary for vehicular access to the storage area.
 - c. Outdoor storage areas shall be designed to restrict public access to them.
3. Trash, refuse and garbage collection:
 - a. Outdoor containers for trash, refuse and garbage collection are required for all development sites.
 - b. Containers for recycling collection are recommended, and shall be subject to the same standards as trash, refuse, and garbage collection.
 - c. Containers for trash, refuse and garbage collection shall be screened from view on all sides by an opaque enclosure, a minimum of six feet (6') in height, built using the same materials and colors as the building, or masonry or concrete fencing.

- d. Gates that facilitate access for trash collection trucks shall be required on one side of the enclosure. Gates may be constructed predominantly or exclusively of metal components, but must be designed and painted to be architecturally compatible with the design of the principal building(s) on the site, and the other sides of the enclosure.
 - e. Gates and openings that facilitate access for trash collection trucks shall not be oriented towards or parallel to major public streets, except where the enclosure is located behind the principal building, or more than one-hundred twenty feet (120') from the street.
 - f. The gate and enclosure design shall incorporate features capable of fixing the gate in both the closed and open position. Gates shall remain closed, except during active collection and disposal of accumulated wastes.
 - g. Except for the area in front of a gate, the area immediately surrounding the enclosure shall be landscaped in accordance with chapter 9-23 of this title.
 - h. The enclosure shall be designed to prevent illegal dumping and restrict access by pests and nuisance animals.
 - i. Enclosures for trash, refuse, and garbage collection shall not be located closer than ten feet (10') to a property line.
 - j. As an exception to the conditional use permit requirement of section 9-27-080 of this title, the zoning administrator may approve or require that a taller enclosure be built, up to a maximum of ten feet (10') in height, upon finding that the additional height is needed to mitigate existing or potential negative impacts to neighboring properties, visitors or employees.
4. Shopping cart corrals:
- a. Corrals shall be required for all commercial and retail establishments that provide shopping carts for the convenience of customers
 - b. Corrals shall be anchored to the ground at fixed locations within the parking area.
 - c. Corrals may not be located within required landscape planter islands.
5. Utility equipment and meters, generators, mechanical systems, and other similar auxiliary equipment:
- a. The location of all utility boxes, meters, generators, large auxiliary equipment, ground mounted building mechanical systems and the like shall be shown on the site plan and on the landscape planting plan.
 - b. The location and placement of such equipment within a site shall provide mitigation of the negative impacts of noise, appearance, or odors that the equipment may create, particularly for occupants of neighboring properties.
 - c. Generators, auxiliary equipment, and other ground mounted building mechanical systems, shall rest directly on the ground, or a ground level concrete pad not more than four inches (4") above grade. Where equipment is mounted

- to supports or anchors, the bottom of the equipment may not be located higher than six inches (6") from the ground or concrete pad surface.
- d. Exhaust systems shall not protrude above the equipment.
 - e. Utility boxes, utility meters, generators, other large auxiliary equipment, ground mounted building mechanical systems and the like shall be screened from public view. A combination of walls, opaque fences, and landscaping may be utilized.
 - f. As an exception to the conditional use permit requirement of section 9-27-080 of this title, where walls or fences are used to screen the equipment identified in subsection 9-22-050(B)(5), the zoning administrator may approve, or require, a taller screen or enclosure to be built, up to a maximum of ten feet (10') in height, upon finding that the additional height is needed to mitigate existing or potential negative impacts to neighboring properties, visitors, or employees.
 - g. The proposed location, size, and operational needs of public utilities and utility equipment located on a development site shall be coordinated by the property owner or applicant together with the applicant's architect, civil engineer, landscape architect or designer, and the various public utility providers prior to the submission of a site plan and landscaping plans to the City.
 - h. Once a site plan and landscape plan have been approved by the city, changes made or proposed to the location, number, or the physical size of above ground utility boxes, meters, generators, and other auxiliary equipment shall require submittal of an updated plan detailing the proposed site screening and landscaping changes. Revised plans must receive city approval in writing prior to installation of the appurtenance(s) and landscaping.

- C. Amenities: Amenities shall be used to enhance and beautify the site and provide recreational areas and conveniences for patrons, visitors, residents, and employees.
- 1. With the exception of developments subject to the Multiple-Family Dwelling Development Standards found in Chapter 32 of this title, outdoor amenities are required for every development on a site with a combined building total floor area of twenty-thousand square feet (20,000 ft²) or greater.
 - 2. Outdoor amenities include:
 - a. Seating areas, including patios, decks, porches, benches, tables, and pergolas;
 - b. Water features;
 - c. Garden areas designed for active use;
 - d. Pedestrian plazas;
 - e. Natural open space; or
 - f. Other areas designed and designated for recreational use or convenience of those utilizing them.
 - 3. Outdoor amenities shall be integrated into the overall landscape plan design.
 - 4. Property owners and managers shall not permit landscaping to overgrow or impede pedestrian paths or areas.

5. Each development subject to the requirements of this subsection shall provide a minimum of two (2) amenities from the list in 9-22-050(C)(2) above and additional amenities as follows:

a. Public, Civic, Municipal and Institutional uses:

(1) One (1) additional outdoor amenity for each additional twenty thousand (20,000) square feet of floor area.

b. Commercial uses:

(1) One (1) additional outdoor amenity for each additional thirty thousand (30,000) square feet of floor area.

c. Industrial/manufacturing uses:

(1) One (1) additional outdoor amenity for each additional forty thousand (40,000) square feet of floor area.

d. Agricultural business, industry, or processing uses

(1) One (1) additional outdoor amenity for each additional forty thousand (40,000) square feet of floor area.

D. Landscaping: Landscaping shall ~~be used as a tool to enhance and beautify the site, and the building's architecture and design~~ comply with the site design requirements of this section and the landscaping requirements found in chapter 9-23. All developments subject to this chapter that are required to provide public landscaping improvements or infrastructure improvements, as defined in Utah State Code, shall install such improvements, or post an improvement completion assurance for these items in the manner outlined in 17-4-075 of this code, prior to conducting any other development activity. All other required landscaping, with the exception of street trees, shall be installed no later than September 30th of the following calendar year after an approved use is commenced or a certificate of occupancy is issued, or one year from the date an approved use is commenced or a certificate of occupancy is issued, whichever is sooner.

~~1. At least twenty percent (20%) of any development site shall be devoted to landscaping, exclusive of park strips and walkways. Additional landscaping should be provided as needed to achieve compatibility between differing, adjacent land uses, such as residential and commercial.~~

~~2. Outdoor amenities are required for every development on a site with a combined building floor area totaling twenty thousand (20,000) square feet or greater. Outdoor amenities are designed for pedestrians and create plazas or other focal points that are inviting to site patrons. These amenities shall be located near entrances or other focal points within the development where they will be convenient and comfortable for users. Restaurants and other similar uses are encouraged to provide additional outdoor seating areas for their patrons, but shall not include these areas as an outdoor amenity if restricted to only paying customers. Outdoor amenities may include the following:~~

- a. ~~Seating areas, including patios, decks, porches, benches, tables, and pergolas;~~
- b. ~~Water features;~~
- c. ~~Garden areas designed for active use.~~
3. ~~Landscaping shall be integrated into the design, placement, and enhancement of pedestrian plazas, sitting areas, walkways, flagpoles, and signs. This may be accomplished by giving special attention to any plantings immediately adjacent to pedestrian areas and walkways. This landscaping shall not overgrow or impede pedestrian areas but rather allow for detail and aesthetics more amenable to pedestrians.~~
4. ~~Vegetative ground cover should be utilized for at least eighty percent (80%) of a development site's frontage along any public right of way and in required landscape areas between a building and the park strip, not including sidewalks, trails, and entry points.~~
5. ~~Drought resistant shrubs and trees should be used wherever possible in conjunction with efficient low water use irrigation systems. A list of low water use plants is available from the community development department.~~

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9-23-010: PURPOSE:

The purpose of this chapter is to ~~promote the health, safety and welfare of city residents by establishing~~ establish minimum standards for the preservation, installation and continued maintenance of landscaping ~~and buffering. This chapter is intended to achieve the following~~ The objectives of this chapter are:

- A. To protect existing ~~desirable and significant~~ vegetation and trees.
- B. To promote water conservation by ~~encouraging~~ requiring the use of water-wise landscape design principles and water-conserving plants ~~drought tolerant landscape material.~~
- C. To enhance the value and appearance of property ~~by buffering land uses.~~
- D. To buffer and mitigate impacts between conflicting land uses. ~~To reduce air and noise pollution.~~
- E. To maintain and improve environmental conditions ~~by providing~~ through mitigations in air, water, soil, and, noise pollution as well as reductions in solar glare, urban heat effect, air purification, oxygen regeneration, groundwater recharge and decreased ~~stormwater runoff, noise and glare.~~
- F. ~~To improve the aesthetic appearance of all development by establishing minimum landscaping, buffering, and site design standards that will blend with and enhance the~~

~~natural and built environment.~~ Improve public health and general welfare of city residents, employees and visitors.

9-23-020: SCOPE; EXEMPTIONS:

- A. Except as ~~may be specifically otherwise~~ provided ~~elsewhere~~ in this title, the standards of this chapter shall apply to all new development and to expansions and modifications of existing development. All landscaping, buffering and site design features required by this chapter and previous regulations shall be continuously maintained according to the approved development plans and the standards contained herein.
- B. ~~Single-family dwellings and development~~ Bona-fide agricultural uses within agricultural zones and Residential Agricultural zones, shall be exempt from the standards of this chapter. Properties and areas of a property engaged in agricultural industry, agricultural processing, and agricultural sales and service uses as defined in section 9-3-040, are not included in this exemption.
- C. Landscaping for properties containing a detached single-family or two-family dwellings are exempt from the standards found in sections 9-23-040, 9-23-055, 9-23-070, 9-23-090, 9-23-100, 9-23-110, 9-23-120, and the tables found in section 9-23-170, but shall comply with all other requirements pertaining to water-wise landscaping, including the installation and maintenance of street trees and park strips.

9-23-030: ~~DEVIATIONS FROM STRICT COMPLIANCE~~ JORDAN VALLEY WATER CONSERVANCY DISTRICT EFFICIENCY STANDARDS:

- ~~A.—Deviations Authorized: Since site conditions and development constraints vary greatly among sites, the planning commission is authorized to approve landscape plans that deviate from strict compliance with the provisions of this chapter if it makes the findings required in subsection B of this section.~~
 - ~~1.—Such a deviation may include the use of water wise materials in lieu of otherwise required materials.~~
 - ~~2.—Any proposed deviation from the requirements of this chapter shall be:
 - ~~a.—Clearly identified on the proposed landscape plan; and~~
 - ~~b.—Accompanied by a written description of the proposed deviation showing how the purpose and intent of this chapter will be met by the proposed plan.~~~~
- ~~B.—Findings Required: The planning commission may authorize a landscape plan deviation only if it finds the deviation:
 - ~~1.—Is consistent with the purpose of this chapter and any applicable master plan or ordinance;~~
 - ~~2.—Reflects a design that conforms to the requirements of this chapter to the greatest extent possible and offers alternative methods for addressing the~~~~

~~landscape requirement for which a deviation is being requested. Alternative methods may include additional fencing, berming and plant material than what would otherwise be required;~~

- ~~3. Will not adversely affect neighboring property owners or residents;~~
- ~~4. Will not adversely affect sight distance or otherwise diminish public safety;~~
- ~~5. Is justified by site constraints; and~~
- ~~6. Is of high quality and integrates aesthetically with the design of the primary buildings on site and established streetscape.~~

A. In addition to the specific requirements and design standards of this title, developer or contractor installed residential, commercial, institutional and industrial construction shall comply with the Jordan Valley Water Conservancy District (JVWCD) standards for water efficiency, as applicable. The JVWCD outdoor landscaping standards are also required for new landscaping construction installed by homeowners.

B. JVWCD Outdoor Landscaping Standards.

1. All new and rehabilitated landscaping for public agency projects, private development projects, developer-installed landscaping in multi-family and single-family residential projects within the front and side yards, and homeowner provided landscape improvements within the front and side yards of single and two-family dwellings shall comply with the landscaping standards below:
 - a. Activity zones: Portions of the landscape designed for recreation or function, such as storage areas, fire pits, vegetable gardens, and playgrounds.
 - b. Active recreation areas: Areas of the landscape dedicated to active play where Lawn may be used as the playing surface (ex. sports fields and play areas).
 - c. Central open shape: An unobstructed area that functions as the focal point of Localscapes and is designed in a shape that is geometric in nature.
 - d. Gathering areas: Portions of the landscape that are dedicated to congregating, such as patios, gazebos, decks, and other seating areas.
 - e. Hardscape: Durable landscape materials, such as concrete, wood, pavers, stone, or compacted inorganic mulch.
 - f. Lawn: Ground that is covered with grass or turf that is regularly mowed.
 - g. 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 pathways, and planting beds).
 - h. Mulch: Any material such as rock, bark, compost, wood chips or other materials left loose and applied to the soil.
 - i. Park strip: A typically narrow landscaped area located between the back-of-curb and sidewalk.
 - j. Paths: Designed routes between landscape areas and features.
 - k. Planting bed: Areas of the landscape that consist of plants, such as trees, ornamental grasses, shrubs, perennials, and other regionally appropriate plants.
 - l. Total landscaped area: Improved areas of the property that incorporate all of the completed features of the landscape. The landscape area does not include

footprints of buildings or structures, sidewalks, driveways, and other non-irrigated areas intentionally left undeveloped.

C. JWCD Landscaping Requirements. The following reflect the published requirements of the JWCD water efficiency standards not specifically contained elsewhere in this chapter. They are applicable as outlined in subsection 9-23-030(A) above.

1. All irrigation shall be appropriate for the designated plant material to achieve the highest water efficiency.
2. Lawn shall not be installed on slopes greater than twenty-five percent (25%) or in areas less than eight feet (8') in width. To the extent reasonably practicable, lawn shall be free from obstructions (trees, signs, posts, valve boxes, etc.).
 - a. The following areas are exempt from these slope limitations and landscaping requirements:
 - (1) storm water management areas;
 - (2) public facilities;
 - (3) private schools; and
 - (4) private parks.
3. In residential landscapes, the landscaping shall adhere to the following Localscapes® requirements:
 - a. If size permits, the landscaped areas of the front yard and back yard shall include a designed central open shape created by using lawn, hardscape, groundcover, gravel, or mulch.
 - b. Gathering areas shall be constructed of hardscape and placed outside of the central open shape. In a landscape without lawn, gathering areas may function as the central open shape.
 - c. Activity zones shall be located outside of the central open shape and shall be surfaced with materials other than lawn.
 - d. Paths shall be made with materials that do not include lawn, such as hardscape, mulch, or other groundcover.
 - e. Lawn areas shall not exceed the greater of two-hundred fifty (250) square feet, or thirty-five percent (35%) of the total landscaped area.
 - f. Small residential lots, which have no back yards, which the total landscaped area is less than two-hundred fifty (250) square feet, and which the front yard dimensions cannot accommodate the minimum eight feet (8') wide lawn area requirement of the landscaping requirements of subsection 9-23-030(C)(2) are exempt from the eight feet (8') minimum width lawn area requirement.
5. The JWCD outdoor standards are not intended to be in conflict with other landscaping requirements as defined by Utah law, including stormwater retention requirements and low-impact development guidelines. Notwithstanding the JWCD outdoor standards, whenever any JWCD

requirement may be in conflict with Utah law, the conflicting JWCD requirement shall not apply.

9-23-040: LANDSCAPE PLANS:

~~Wherever landscape~~ Landscape plans ~~are~~ required by this title, ~~such plans~~ shall:

- A. Demonstrate compliance with the provisions of this chapter;
- B. Be submitted in accordance with the administrative and development review procedures of ~~as provided in~~ chapter 5 of this title; and
- C. Be sealed by a landscape architect or landscape designer licensed to practice in the state of Utah.

9-23-050: ~~SITE~~ LANDSCAPE DESIGN CRITERIA:

~~Proposed landscape~~ Landscaping and landscape plans shall ~~be reviewed for compliance~~ comply with the standards of this chapter and the following design requirements:

- A. Plant Selection and Arrangement: ~~All elements of site development shall be arranged to create a safe, functional, convenient, healthful, durable and attractive living environment for residents, tenants, workers and occupants of properties. All sloped areas shall be stabilized against erosion by living or rock/paving landscaping or other appropriate means as determined by the city, both during and following development.~~
 - 1. Plants and trees shall be well-suited to the microclimate and soil conditions of the site. Both native and locally-adapted plants are acceptable.
 - 2. Plants with similar water needs shall be grouped together and placed on the same irrigation circuit in order to create irrigational system efficiency and prevent overwatering.
 - 3. Areas with slopes greater than twenty five percent (25%) shall be landscaped with deep rooting, water-conserving plants, and shall not include turf.
 - 4. Tree species shall be selected based on growth characteristics and site conditions, including available space, overhead clearance, soil conditions, exposure, and screening capabilities.
 - a. Deciduous tree species with a broad canopy shall be utilized to provide shade in parking lots and above paved areas of the site, and to help screen large or tall objects.
 - b. Where trees are required to be planted under overhead utility wires, low-growing trees shall be selected. Recommended species include those listed in the adopted Draper City approved tree list for use in parking strips beneath power lines.
 - c. Trees planted adjacent to vehicular or pedestrian areas of the site, or in areas that would impede the implementation of natural surveillance as part of efforts

- to incorporate CPTED design principles into the site, shall select specimens and species that allow lower tree branches to be trimmed to maintain the minimum clearance between the ground and the tree canopy for site safety, without creating detrimental impact to the health or growth habit of the tree.
- d. Narrow or columnar trees shall be planted in small spaces, or where awnings or other building features limit growth. Columnar trees may also be placed in the area between a building and the sidewalk, or within the right-of-way where there is no sidewalk, in order to provide greater visibility for natural surveillance.
 - e. Street trees shall be planted and maintained in compliance with section 9-23-080 of this chapter.
5. Turf areas must be eight feet (8') wide or wider.
 6. For non-residential, multiple-family, and mixed use landscapes turf may not cover more than twenty percent (20%) of the total landscaped area not including areas utilized for active recreation such as sports fields.
 7. All landscaped areas adjacent to buildings shall have trees, shrubs, and other plantings, except where entries or other paving preclude it.
 8. The particular characteristics of a tree or plant species and the locational relationship to the building, sightlines, utilities, and required maintenance shall factor into the selection and placement of trees and plants within the landscape.
- ~~B. Buildings: Buildings shall be located to ensure the provision of adequate open space for outdoor living areas, facilities, services and amenities and to provide natural indoor light, air and privacy.~~
- ~~1. All buildings, other structures, and parking lots shall be located to integrate with the natural topography and to minimize deep cuts and fills, excessive foundation wall depth, unnecessary steps, use of vertical retaining walls, and steep access gradients.~~
 - ~~2. All areas adjacent to buildings should have vertical landscaping (trees, shrubs, bushes, etc.) except where entries and other paving preclude it.~~
- ~~C. Circulation: Safe and convenient pedestrian and vehicular circulation shall be provided.~~
- ~~B~~D. Climate: Planting layout and design shall include the placement of trees, plants, shrubs and other landscape features in locations that mitigate the negative effects of extreme or elevated temperatures, sunlight, wind, and other climatic factors ~~should be mitigated by appropriate site layout and design, including placement of landscaping.~~
- ~~C~~E. Grading: Site grading shall be designed and implemented to:
1. Retain existing desirable major trees and vegetation within required perimeter planting areas, land use buffers, yards and other areas of the site per the requirements of section 9-23-070 ~~whenever possible;~~
 2. Make use of existing natural drainage ways ~~drainageways;~~ and

3. Minimize increased runoff and erosion; ~~and~~.
4. ~~Buffer objectionable noise and views.~~

F. ~~Integration: Landscaping design should be integrated with building and site design. Consideration should be given to planting types, growth rates, canopy sizes and required maintenance in relationship to building location, sightlines and underground/aboveground utilities.~~

DG. Water-Wise Landscape Techniques: ~~The use of water wise~~ Water-wise landscape practices ~~to minimize the need for supplemental watering is~~ are required ~~strongly encouraged. Landscape plans should reflect~~ and shall implement at a minimum the following ~~techniques:~~

1. Using water-wise plant species ~~materials with comparatively low moisture requirements;~~
2. Selecting plants on the basis of specific slope, aspect, soil and microclimate conditions;
3. ~~Using native and adapted plant species;~~
4. ~~3.~~ Minimizing the amount of ~~irrigated~~ turf area;
5. ~~4.~~ Planting and designing slopes to minimize runoff;
6. ~~5.~~ Separating irrigation zones according to plant water requirements and using drip/trickle irrigation systems to conserve water;
7. ~~6.~~ Emphasizing soil improvement Conserving existing topsoil and making improvements to the soil by ~~conserving topsoil,~~ deeply loosening soil, and incorporating organic matter and amendments ~~based on soil tests;~~ and
8. ~~7.~~ Using mulch in planting areas to reduce water evaporation, weed growth, and to promote soil cooling, ~~and reduce evaporation.~~

EH. Storm Water Infrastructure: Detention and retention basins shall be landscaped and maintained. The use of low impact development systems and techniques ~~to encourage infiltration, evapotranspiration and reuse of storm water~~ is required.

F. Landscape Area Amounts:

1. Non-residential and mixed use: Except where a lesser amount is specified elsewhere in this title, at least twenty percent (20%) of the gross area of the development site shall be devoted to landscaping. Required landscaping in park strips and other similar areas within the right-of-way are not included in this total.
 - a. The area of planting beds designed exclusively for annual or biennial plants shall not exceed thirty percent (30%) of the landscaped area of the site, not including area covered with turf or groundcover.
2. Multiple-family residential: Landscaping amounts shall follow the development standards found in chapter 32 of this title.

3. Single-family and two-family residential: Minimum landscape area amounts shall be as follows:

a. Front yard:

(1) Fifty percent (50%) of the total area of each front yard, for lots and parcels equal to or greater than eight-thousand square feet (8,000 ft²) in size.

(2) Two-hundred and fifty square feet (250 ft²), for lots and parcels less than eight-thousand square feet (8,000 ft²) in size.

b. Side and rear yards: As determined by the homeowner(s).

G. Plant Coverage: Live plant materials (not including trees) shall cover a minimum of fifty percent (50%) of the landscaped area within the first two (2) growing seasons following planting, and a minimum of seventy-five percent (75%) of the landscaped area at ten (10) years. Planting beds that include annual or biennial plantings shall be planted annually each spring with sufficient plants to create a minimum annual coverage with live plant materials of seventy-five percent (75%) of the area of the planting bed at the time the annual or biennial plants reach maturity.

1. For non-residential, mixed use, and multiple-family properties, the landscape architect or landscape designer shall calculate and include the plant coverage rates as notations on the landscape planting plan, in accordance with the following:

a. Tree and plant symbols shown within the site layout of a landscape planting plan shall be scaled to indicate their typical coverage or spread equivalent to their size at ten (10) years from planting, or at their full maturity, whichever comes first.

H. Species Diversity: Landscape planting plans, as required by this title, shall include a variety of plant, shrub, and tree species in order to provide visual and biological diversity within the landscape and as a safeguard against the detrimental effects that might occur should a particular plant or species succumb to disease. Within the landscape planting plan, the following shall apply:

1. No species of plant or shrub, shall account for more than twenty percent (20%) of the total coverage area of all plants and shrubs.

2. A single species of tree may not be utilized for:

a. More than twenty-five percent (25%) of the total number of trees for sites with ten (10) or more required trees;

b. More than fifty percent (50%) of the total number of trees for sites with between four (4) and ten (10) required trees;

3. Trees may be of a single species where three (3) or fewer trees are required.

- I. Soil Preparation: Soil preparation shall be suitable for providing healthy growing conditions for the plants and encourage water infiltration and penetration. Soil preparation shall include scarifying the soil to a depth of six inches (6") or greater and amending the soil with fertilizer or organic material.
 - 1. For non-residential, mixed-use, and multi-family properties, the landscape architect or landscape designer shall have a laboratory analysis of the site soils composition preformed and included details regarding the type, quantity, and rate of soil amendments to be added to each planting area with respect to the nutrient needs of the selected plants within the landscape plan.
 - 2. For new single-family and two-family residential sites obtaining a laboratory analysis of the site soils to help inform the type, quantity, and rate of soil amendments is recommended but not required.

9-23-055: IRRIGATION:

- A. A Landscape Irrigation Plan is required to be submitted as part of a complete landscaping plan package. The plans shall include at a minimum the details required in this section and subsection 9-5-090(D)(1)(d)(4)(C).
- B. Pressure Regulation: In areas where the static service pressure from the water meter exceeds eighty pounds per square inch (80 PSI), a pressure regulating valve shall be installed as part of the irrigation system design and shall be maintained by the property owner. The pressure-regulating valve shall be located between the water meter and the first point of water use, or first point of division in the pipe, and shall be set at the manufacturer's recommended pressure for sprinklers.
- C. Irrigation Controller: Landscaped areas shall be provided with an EPA-certified irrigation controller or equivalent which automatically adjusts the frequency and duration of irrigation events in response to changing weather conditions. All controllers shall be equipped with automatic rain delay or rain shut-off capabilities.
- D. Each irrigation valve shall irrigate landscaping with similar site, slope and soil conditions, and plant materials with similar watering needs. Lawn and Planting Beds shall be irrigated on separate irrigation valves. In addition, drip emitters and sprinklers shall be placed on separate irrigation valves.
- E. All non-turf landscape areas shall be irrigated by drip irrigation or bubblers.
- F. Drip irrigation systems shall be equipped at a minimum with a pressure regulator, filter, and flush-end assembly.

G. Where pop-up sprinkler heads are used to irrigate turf areas they must clear the top level of the turf.

H. Sprinklers shall be scheduled to operate between 6 p.m. and 10 a.m.

I. Program schedules shall be set to water plants for multiple short cycles with a rest or soak period between cycles to reduce runoff in areas with slow infiltration rates and where slopes are equal to or greater than fifteen percent (15%).

J. Areas of a site left undeveloped or as natural open space shall not include permanent irrigation.

K. For areas that will be revegetated with native water-wise plant species with the intent to naturalize or restore the area to resemble natural open space, details for any necessary temporary irrigation to support plant establishment shall be included in the landscape irrigation plan. Temporary irrigation systems shall be removed after plant establishment.

9-23-060: VISUAL OBSTRUCTIONS ~~AT INTERSECTIONS:~~

~~Landscape~~ Landscaping and landscape plans shall conform to the visual obstruction requirements of section 9-27-080 of this title.

9-23-070: TREE AND VEGETATION PROTECTION:

~~Development shall be designed to preserve existing trees and vegetation to the greatest extent possible and shall incorporate existing significant stands of trees as well as individual trees. Specimen preservation may be required for existing trees being a caliper of four inches (4") or more measured four feet (4') aboveground. Existing trees and vegetation that are to be preserved shall be identified on site plans and preliminary subdivision plats and shall be protected from all construction activities, including earthwork operations, movement and storage of equipment and materials and dumping of toxic materials. A minimum protection zone shall be established by installing temporary fencing at or beyond the drip line of the vegetation to be preserved. Protective fencing shall be maintained throughout the construction period.~~

A. Development and landscape designs shall be designed to preserve existing trees and vegetation within the areas of required perimeter plantings, land use buffers, and yards.

- B. Existing trees and vegetation located within the areas described in subsection 9-23-070(A) above shall be preserved and may not be removed, except as provided for in subsection 9-23-070(F) below.
- C. Existing trees four inches (4") in caliper or greater and vegetation located within the areas described in subsection 9-23-070(A) above shall be identified on site plans and preliminary subdivision plat including the caliper measurement of each tree.
- D. A minimum protection zone shall be established on the site plan or preliminary subdivision plat around each tree or vegetated area at or beyond the drip line of the trees or vegetation to be preserved.
- E. Prior to the commencement of grading or construction activities on a site the developer shall install temporary protective fencing around the perimeter of the tree and vegetation protection zones identified on the site plan or preliminary subdivision plat. The developer shall be responsible to see that the trees and vegetation being fenced are protected from construction activities, including but not limited to, earthwork operations, the movement and storage of equipment and materials, and the dumping of chemicals.
- F. The zoning administrator may permit the removal of existing trees and vegetation under the following conditions:
 - 1. All existing trees and vegetation proposed for removal must be indicated as such on the site plan or subdivision preliminary plat.
 - 2. Existing trees and vegetation located within the required perimeter planting, land use buffer, or yard area may not be removed, except where:
 - a. Planned vehicular or pedestrian access to or on the property necessitates the removal of specific trees or areas of existing vegetation;
 - b. Necessary site grading to control storm water requires the removal of specific trees or areas of existing vegetation;
 - c. The developer or property owner provides written certification from a certified arborist that an existing tree is diseased, dead, dying or is an invasive species and should be removed;
 - d. Additional tree or plant installation for screening or buffering is required in the same area and the preservation of the existing vegetation (not including existing trees) would prevent or inhibit installation of the required landscaping; or
 - e. The location or other characteristic of an existing tree is causing or is likely to cause a nuisance or damage to adjoining properties. The dropping or blowing of leaves, needles, cones, or seeds shall not be considered a nuisance under this section.

9-23-080: PARK STRIP LANDSCAPING:

All park strips shall be landscaped pursuant to ~~applicable requirements of title 17 of this code and other applicable provisions of this code~~ the following.

A. Street Trees:

1. Street trees shall be selected from the adopted Draper City street tree guide.
2. Street trees shall not be located within park strips less than five feet (5') wide.
3. Street trees shall be provided at a minimum ratio of one (1) tree for each forty feet (40') of street frontage.
4. Street trees shall be at least two inches (2") in caliper at time of planting.
5. In areas where there is no sidewalk or five feet (5') or less between the sidewalk and curb, street trees shall be installed within fifteen feet (15') of the right-of-way.
6. Street trees shall be irrigated through the use of bubblers or drip irrigation.

B. Maintenance: Property owners are responsible for the irrigation and maintenance of required street trees and other vegetation in park strips abutting their property pursuant to Section 9-23-140.

9-23-090: PERIMETER LANDSCAPING: This section is applicable to all developments not otherwise exempted under the provisions of section 9-23-020 of this title. Minimum perimeter landscaping shall be required as follows:

~~Plantings as specified in section 9-23-170, tables 9-23-1 and 9-23-2 of this chapter, shall be provided around the perimeter of each development site, except single-family and duplex lots, based on the orientation of property and the classification of the roads adjacent to the site. Perimeter plantings may be located anywhere between the property line and adjacent pavement or structure, in a landscaped area of the minimum horizontal depth designated. However, the minimum number of shade trees along street frontages should be located within fifteen feet (15') of the right of way or as close to the right of way as site features allow. The minimum depth of the perimeter landscaped area along front, rear and interior lot lines shall be ten feet (10'). In instances where the minimum building setback is allowed to be zero per this title, no perimeter landscaping is required between a building and the front property line in order to encourage building presence in the streetscape. Where the requirements of a land use buffer along the same property line exceed those of the perimeter plantings, the land use buffer requirements shall supersede.~~

A. The perimeter of each development site shall be landscaped as specified in this section and tables 9-23-1 and 9-23-2 in section 9-23-170 of this chapter.

B. The minimum depth of the perimeter landscaped area along front, rear and interior lot lines shall be ten feet (10'), except:

1. In locations where a land use buffer is required, the width requirements of the land use buffer shall supersede;
2. In locations not subject to a land use buffer where the building is setback less than ten feet (10') as permitted by the zone;
3. In locations where vehicular access or cross access touches or crosses shared property lines as permitted or required by this code; or
4. Along shared rear and side property lines not subject to a land use buffers, the minimum depth adjacent to vehicular parking areas, including applicable access aisles and drives, may be reduced to five feet (5').

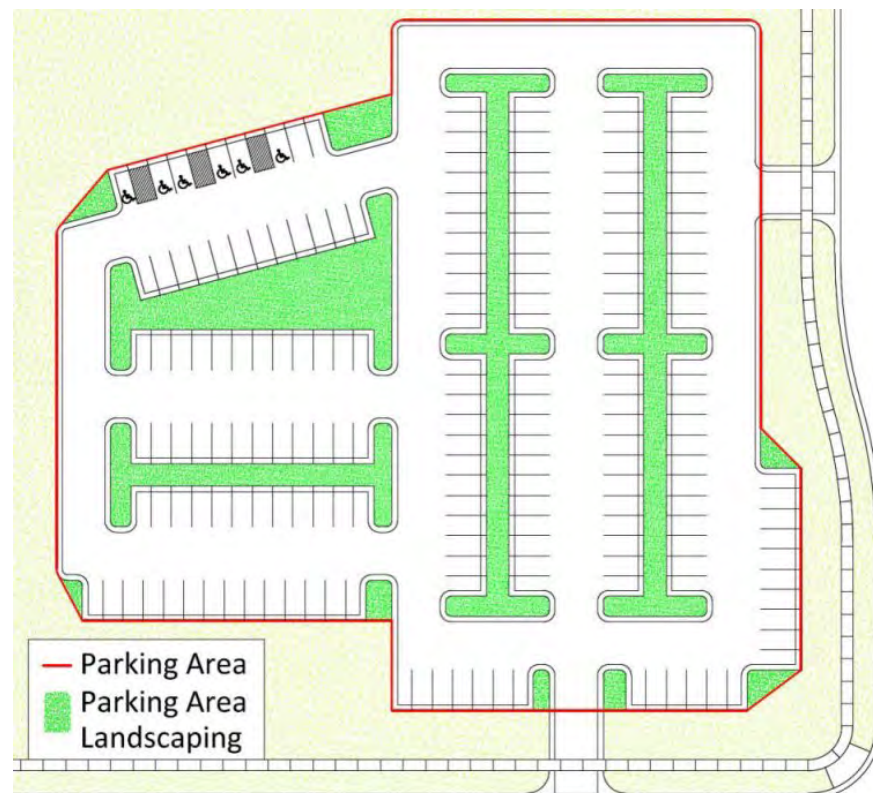
9-23-100: PARKING LOT LANDSCAPING:

Except for developments exempted under section 9-23-020 of this title, every ~~Every~~ parking lot with more than ten (10) spaces and three thousand five hundred (3,500) square feet shall contain internal landscaped areas based on the following design criteria:

- A. Amount Of Landscaping: ~~The~~ Except in zoning districts where a different amount is specified, the amount of landscaping ~~on~~ within each parking lot shall be as ~~shown below. follows:~~ When lots are provided on a multiuse site, the amount shall be determined based on the predominant use served by the parking spaces. Total parking lot area shall be measured along the perimeter of the lot, including all parking spaces, accessways, and landscaped islands within the perimeter and at the corners of the lot. Total parking lot area shall not include loading and service areas, but shall include customer service drive-up areas and accessways jointly used by parking lot and service traffic:
- Multiple-family residential sites: Ten percent (10%) of total parking lot area.
 - Office and commercial sites: Seven percent (7%) of total parking lot area.
 - Industrial or warehouse sites: Five percent (5%) of total parking lot area
 4. For mixed-use sites, the amount shall be determined based on the predominant use based on the square footage of the building(s) served by the parking spaces.
- B. Design Calculations: ~~Parking lot islands shall be at least five feet (5') wide and one hundred (100) square feet in area. A minimum of one tree shall be planted per three hundred (300) square feet of overall internal landscaped area, with at least one shade tree planted in each island. The remainder of the island shall be landscaped with additional shrubs, ground cover, or turf, and shall include an appropriate irrigation system. Plants and trees may be grouped in order to create larger landscaped area. Plantings should:~~
- ~~1. Anticipate foot traffic patterns;~~
 - ~~2. Be used to discourage foot traffic where dictated by safety concerns; and~~
 - ~~3. Not impair adequate visibility for the safety of pedestrians and vehicles.~~

1. Total parking lot area shall be calculated along the perimeter of the lot, including all parking spaces, access ways, and landscaped islands within the perimeter and at the corners of the lot, as demonstrated in Figure 9-23-1 below. A chart with the calculations shall be included on the site plan. Total parking lot area shall not include building footprints or applicable loading and service areas, but shall include customer service drive-up areas and access ways used jointly by those utilizing the parking lot and service traffic.
2. Landscaping areas within the parking lot area shall be calculated exclusive of impervious paving and curbing, but shall include the area of required outdoor amenities located within the parking lot perimeter (if any).
3. For purposes of compliance with this section, parking area landscaping shall be calculated independently from overall site area landscaping, but shall also count towards the required percentage of overall site area landscaping.

FIGURE 9-23-1



- ~~C.—Location: Islands shall be located in the following priority: Location and Design:~~
- ~~1.—To define major drives and accessways;~~

~~2. To delineate ends of parking rows;~~

~~3. At aisle intersections; and~~

~~4. Within parking rows.~~

1. Location: Parking lot landscaping shall be provided:

- a. As a landscaped island at the end of parking rows;
- b. Between rows of head-to-head parking stalls;
- c. As landscaped islands within rows of parking stalls;
- d. At aisle intersections; and
- e. Along major drives and access ways.

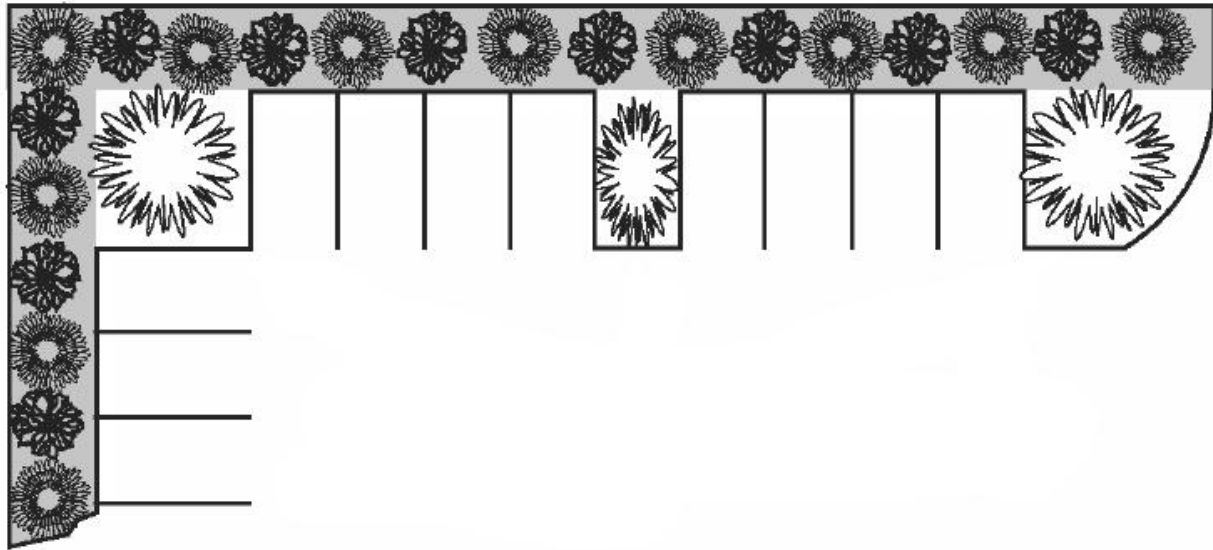
2. Design:

- a. The design of the planting plan layout for the parking area shall:
 - (1) Address expected foot traffic patterns;
 - (2) Mitigate expected pedestrian safety concerns;
 - (3) Provide necessary visibility for the safety of pedestrians and vehicles;
 - (4) Include water-wise landscaping techniques, including but not limited to plant selection and low impact design elements;
 - (5) Include at least one (1) tree for each three-hundred square feet (300 ft²) of total overall parking lot landscape area;
 - (6) Not include turf; and
 - (7) Address the expected snow removal and snow storage needs of the parking area.
- b. Landscaped islands within the parking lot area shall be at least five feet (5') wide and one hundred (100) square feet in area, and shall include the following:
 - (1) A minimum of one tree shall be planted in each island;
 - (2) Additional landscaping with shrubs, ground cover, or planting beds to achieve a minimum of 50% coverage by plants at maturity (plants and trees may be grouped); and
 - (3) Drip irrigation adequate to meet tree and plant needs.
- c. No more than fifteen (15) parking stalls may be in a row between landscaping islands as shown in figure 9-23-2 below.
- d. Rows of adjacent parking shall be separated by landscaping of at least nine feet (9') in width as shown in figure 9-23-3 below. If wheel stops are included to prevent vehicles from overhanging the landscaping, this minimum width can be reduced down to five feet (5').
- e. All parking area landscaping and landscaping adjacent to parking areas shall be bordered and separated from the parking area by minimum six inch (6") high back concrete curbing. Sections of curbing may be non-contiguous or eliminated in order to implement low impact development (LID) storm water features within the development. Where high back curbing is eliminated as part of a LID design, the installation of wheel stops will be required between the parking stall and

[adjacent landscaping to prevent the intrusion of automobiles into the landscaped areas.](#)

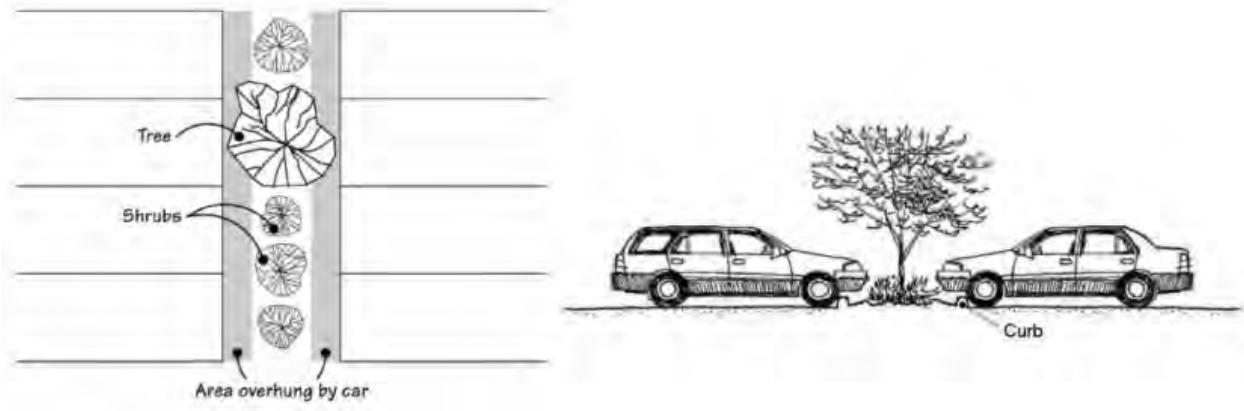
[FIGURE 9-23-2](#)

[Parking Area Landscaping Islands](#)



[FIGURE 9-23-3](#)

[Parking Row Dividing Landscaping](#)



9-23-110: LAND USE BUFFERS:

[Except for developments exempted under section 9-23-020 of this title, land ~~Land~~ use buffers shall be provided along the side and rear property lines of commercial, multifamily, and industrial properties to enhance community appearance and welfare by protecting residents and visitors from the traffic, noise, glare, trash, activity, vibration, odor, visual disorder and other adverse or harmful effects typically associated with such land uses.](#)

- A. Land Use Buffer Requirements: The amount of landscaping and type of fencing required for a land use buffer shall be as follows:
1. A landscape buffer of twenty feet (20') shall be provided between all commercial and office uses when located adjacent to a residential zone and when a multi-family use is located adjacent to a single-family zone.
 2. A landscape buffer of thirty feet (30') shall be provided between industrial uses and residential uses or zones.
 3. Trees within the buffer area described in 9-23-110(A)(1) and (2) above shall be planted at one tree per four hundred (400) square feet of buffer area.
 - a. Trees may be grouped.
 - b. At least one buffer tree shall be planted between commercial, office, multi-family and industrial uses and each single-family residential lot. Trees shall be arranged to provide linear coverage between commercial, office and industrial uses and adjacent residential units.
 4. The rest of the buffer area shall consist of ground covers, shrubs and planting beds, wherein a maximum of seventy five percent (75%) of the buffer area may be planted with ground covers.
 5. ~~A six foot (6') tall, solid, sight obscuring fence constructed of masonry, precast concrete, or lightweight precast fiber reinforced concrete shall be used between abutting commercial, industrial, or office land uses and residential zones. Except for required footings or foundations, the fence shall extend from the adjacent finish grade of the property upward to the required height. Any gaps between the bottom of the fence panel and the adjacent finish grade of the property may not exceed four inches (4"). Such gaps are not counted towards the total required height of the fence. The height of fences shall be reduced in clear view triangle areas or where they may impact sight visibility with a driveway as specified in section 9-27-080.~~
Non-residential, mixed use, and multiple-family developments shall install a six feet (6') tall, solid, sight obscuring fence along the property perimeter where adjacent to single-family or two-family residential zoning or development.
 - a. The fence shall be constructed of masonry, precast concrete, or lightweight precast fiber reinforced concrete.
 - b. The fence shall extend from the adjacent finish grade of the property upward to the required height, excluding required footings and foundations. Any gaps between the bottom of the fence panel and the adjacent finish grade of the property may not exceed four inches (4"). Such gaps are not counted towards the total required minimum height of the fence.
 - c. The height of fences shall be reduced in clear view triangle areas or where they may impact sight visibility with a driveway as specified in section 9-27-080.

- B. Exemptions: No land use buffer shall be required between land uses located in the same zone.
- C. Reductions:
1. The zoning administrator or designee may reduce land use buffer requirements based on the character of specific uses, building orientations, topographic features, or other unique characteristics of adjoining uses. A reduced buffer shall consist of a minimum ten foot (10') wide landscape buffer and an eight foot (8') tall, solid, sight obscuring fence in compliance with all other specifications of 9-23-110(A)(5). In approving reductions under this section the zoning administrator shall not reduce the tree and plant requirements of subsections 9-23-110 (A)(3) and (4).
 - ~~2. The planning commission may approve additional deviations to landscape buffer requirements if all of the following criteria are met:~~
 - ~~a. Physical site features preclude strict compliance. In this case an alternative landscaping scheme shall be provided which meets or exceeds the intent of the code;~~
 - ~~b. Additional landscaping equal to the amount of the reduction from the buffer size requirements of 9-23-110(A)(1) and (2) shall be added to the overall site to compensate for any approved reduction in buffer widths, landscaping equal to or exceeding the proportional standards of 9-23-110(A)(3) and (4) shall be required in both the reduced buffer area and the area(s) of the overall site where the compensatory landscaping is provided;~~
 - ~~c. An eight foot (8') tall, solid, sight obscuring fence is provided in compliance with all other specifications of 9-23-110(A)(5); and~~
 - ~~d. In no case shall a landscape buffer be less than five feet (5') in width.~~
- D. Relationship To Other Requirements: When the requirements of a land use buffer exceed those of other requirements along a property line, the land use buffer requirements shall apply.
- E. Existing Buffer Vegetation And Trees: Retention of existing [shrubs, trees, plants and groundcovers](#) ~~plant material is strongly encouraged in~~ [within](#) land use buffers [shall comply with the provisions of section 9-23-070](#). ~~Existing trees and vegetative ground covers should be retained where possible by avoiding scraping~~ [Scraping](#), grading, sodding and other construction activity within the land use buffer [area shall be avoided](#). Where ~~land use buffer~~ [development](#) standards call for additional trees or shrubs to be installed in an existing landscaped ~~area~~ [land use buffer](#), ~~it should be done in a manner which precautions shall be taken, to minimize~~ [minimizes](#) disturbance to existing [trees and shrubs](#) ~~plants~~. ~~In determining whether existing trees and vegetation qualify as satisfying a land use buffer standards, the planning commission shall consider all of the following factors:~~
 - ~~1. The type and quality of the vegetation being preserved;~~
 - ~~2. The effectiveness of the visual screening that will be provided;~~

- ~~3. The extent to which the proposed buffer makes use of existing topography and vegetation; and~~
- ~~4. The ability and availability to relocate existing, healthy, non-invasive, drought tolerant vegetation that would otherwise be removed from the site to a land use buffer.~~

- F. Compatibility Of Plantings: Supplemental buffer plantings shall be compatible with any existing vegetation within the buffer area.
- G. Development Within Land Use Buffers: Land use buffers may contain nonmotorized trails. In no event shall structures or uses, such as, but not limited to, play fields, stables, swimming pools, golf courses, tennis courts, parking lots and vehicular use areas, generators, trash receptacle enclosures, equipment storage and other open storage, or buildings be permitted within land use buffers.

9-23-120: SITE FEATURE BUFFERING AND SCREENING:

Except for developments exempted under section 9-23-020 of this title, site Site features, such as, but not limited to, the following, shall be effectively screened from ~~the view of as seen from adjacent~~ roadways and ~~adjacent~~ sites ~~by berms, fences, walls and/or plant material~~ in compliance with the site design requirements of section 9-22-050 and the following landscape standards:

- A. Trash Receptacle Enclosures: ~~Trash receptacle enclosures shall be screened from view by walls or fences in residential developments and by masonry walls in all types of developments. The fence or wall shall:~~
- ~~1. Be a minimum of six feet (6') in height;~~
 - ~~2. Provide complete visual screening of the receptacle; and~~
 - ~~3. Be compatible in material and color with the main building on the lot or parcel~~
1. Evergreen shrubs shall be utilized and shall be provided at a minimum rate of one (1) shrub for each five lineal feet (5') of enclosure as measured around the perimeter, excluding gates.
 2. Evergreen shrubs utilized for screening the enclosure shall be a minimum height of eighteen inches (18") at the time of planting, and of a species capable of growing to a height equal to or greater than the height of the enclosure.
- B. Service And Loading Areas: ~~Service and loading areas shall be screened by perimeter plantings or, when required, by land use buffers. In order to better screen these areas, a concentration of required plantings may be required adjacent to these features.~~
1. Shrubs used for the purpose of screening service and loading areas, shall include evergreen shrubs, either exclusively or mixed.
 2. All shrubs shall be minimum height of eighteen inches (18") at the time of planting, and of a species capable of growing to a height of at least four feet (4').

C. Ground Mounted Utility Boxes, Meters And Mechanical Equipment: ~~Ground mounted utility boxes, meters, and mechanical equipment shall be screened from off-site view by landscaping or architectural elements compatible in material and color with the primary structure. Screening requirements may be waived in rear and rear-side yard locations when adjacent to other service or mechanical areas, or when not subject to primary views from off site. This requirement shall not apply in agricultural and single-family residential development.~~

1. Evergreen shrubs shall be used for the purpose of screening ground mounted mechanical equipment, utility meters, other utility equipment and boxes, and similar areas or appurtenances.
2. Except as provided for in 9-23-120(C)(5) below, evergreen shrubs shall be planted no further than five feet (5') from the appurtenance they are screening.
 - a. Minimum clearances between equipment and plantings established by utility companies or manufacturers shall be adhered to. Where minimum clearances require screening to be placed further than five feet (5') from the appurtenance additional plantings will be required to achieve the same or greater ratio of screening coverage that would have been achieved with plants being placed within feet (5').
3. The evergreen shrubs shall be a minimum height of eighteen inches (18") at the time of planting, and of a species capable of growing to a height equal to or greater than the height of the equipment, enclosure, or appurtenance they are screening.
4. A minimum of four (4) evergreen shrubs shall be required for each box or appurtenance located within the landscape and plantings shall be planted with additional evergreen shrubs so that each side of the box otherwise visible to a street or neighboring properties is screened.

~~D. Roof Mounted Mechanical Equipment: All roof mounted mechanical equipment shall be concealed on all sides by elements that are an integral part of the building design and which are equal to or greater in height than the mechanical equipment.~~

9-23-130: TREE AND LANDSCAPE MATERIAL STANDARDS:

Minimum required tree and landscape material standards shall be as follows:

- A. General: Trees and plants used in landscape design pursuant to this chapter shall, ~~to the greatest extent possible,~~ be:
 1. Water-wise and drought~~Drought~~ tolerant;
 2. ~~Appropriate for the setting in which they are to be planted~~ Planted in areas where the recommended soil nutrients, water, and sun exposure are available;
 3. ~~Have noninvasive growth habits~~ Noninvasive; and

4. ~~Have low~~ Low maintenance ~~characteristics and provide high quality appearance;~~
and
 5. ~~Be commercially available.~~
- B. Plant Quality: ~~Plants~~ All plants and trees installed pursuant to this chapter shall conform to or exceed the ~~plant quality~~ standards of the most recent edition of "American Standard For Nursery Stock, ANSI Z60.1", ~~published by the American Nursery And Landscape Association.~~
- C. Artificial ~~Plants~~ Turf: Artificial turf installed over a permeable base surface may be used in lieu of actual turf. Artificial turf must be regularly maintained according to manufacturer specifications and shall be replaced once the manufacture's recommended lifespan or functional lifespan has been reached, whichever comes first. No other artificial plants or vegetation shall be used to meet any standards of this chapter.
- D. Tree Diameter ~~And~~ and Height:
1. ~~For the purpose of this subsection D, "caliper" means a trunk diameter measurement for nursery grown trees taken six inches (6") above the ground up to and including four inch (4") caliper size. If the caliper at six inches (6") above the ground exceeds four inches (4"), the caliper shall be measured at twelve inches (12") above the ground.~~
 2. ~~Shade~~ Deciduous trees planted to satisfy the standards of this chapter shall have a minimum caliper of two inches (2").
 3. ~~Ornamental trees planted to satisfy the standards of this chapter shall have a minimum height of six feet (6') or a minimum caliper of one and one half inches (1-1/2"). Ornamental trees shall be a species that has flowers, colored foliage, or a unique growth habit or other distinguishing characteristic that adds variety to the overall landscape plan.~~
 4. ~~Evergreen trees planted to satisfy the standards of this chapter shall have a minimum height of six feet (6').~~
- E. ~~Deciduous And Evergreen~~ Shrubs: ~~Shrubs required as part of a land use buffer or adjacent to parking lots in perimeter plantings shall have a minimum height of eighteen inches (18") at the time of planting. Shrubs in other areas may be of a size determined by the applicant unless otherwise indicated by this chapter.~~
1. Shrubs utilized in a non-residential, mixed use, or multiple-family landscape plan shall be from nursery stock, a minimum size of three (3) gallons, or container class #3, at the time of planting.
 2. Shrubs required as part of a land use buffer or as perimeter plantings adjacent to parking where fronting a street, shall have a minimum height of eighteen inches (18") at the time of planting.

3. Along the exterior of parking lots where potential light trespass from vehicular headlights would be directed towards adjoining residential properties or streets, evergreen shrubs shall be planted in a continuous row or hedge of sufficient height to block such trespass.

F. Ground Treatment: ~~The ground area within required landscape areas shall receive landscape treatment and present a finished appearance and reasonably complete coverage upon planting. Areas not planted with trees, shrubs, or bedding plants shall be sodded, except as set forth for in this subsection.~~

~~1. Lawn areas in commercial and industrial zones shall be sodded with a species suitable as permanent lawns in the city. Other lawn areas may be seeded and shall be maintained until coverage is well established.~~ The ground area within landscape areas shall present a finished appearance with a balanced distribution of plantings across each planting area.

~~2. Ground cover may be planted in lieu of sod. Ground cover shall be of a size and spacing to provide a minimum of fifty percent (50%) coverage after the first full growing season and complete coverage at maturity. Edging shall be provided for all ground cover.~~

~~3. Bark or rock mulch shall be installed and maintained at a minimum depth of three inches (3") on all planted areas except where ground cover plants are fully established and provide for complete coverage of the area. Mulch may be approved as a permanent ground treatment in landscape designs where ground cover or sod turf is impractical. Rock mulch with an accompanying weed barrier may be used in a limited way when appropriate to a design concept and as a ground treatment in areas where drainage is a problem; provided, that the use of rock adjacent to buildings shall be minimized.~~

3. Rock mulch with an accompanying weed barrier may be used in a limited way as a ground treatment in areas where typical water drainage from the site would create conditions unsuitable for plant survival, or adjacent to buildings where plantings could create a health, safety, or operational hazard near entrances. The use of this type of treatment adjacent to non-residential and mixed-use buildings may not exceed ten percent (10%) of the landscape planting area located within ten feet (10') of the building.

4. Landscape edging shall be used to separate planting beds from turf and other areas predominantly planted with groundcovers, and shall also be provided at the transition between all mulched areas, ground covers, and turf.

....

9-23-140: INSTALLATION, INSPECTIONIRRIGATION, MAINTENANCE AND REPLACEMENT:

~~Any required~~ Required landscaping shall be installed, maintained, irrigated and replaced in accordance with the following standards:

A. ~~Installation:~~ All landscaping ~~and buffering~~ shall be installed according to sound nursery practices in a manner designed to encourage vigorous growth.

~~B. Irrigation: Landscape areas shall be irrigated as necessary to maintain required plant materials in good and healthy condition, while at the same time avoiding water waste through inefficient irrigation.~~

~~C. Maintenance: Landowners and their successors in interest shall be jointly and severally responsible for all of the following:~~

~~1. Regular maintenance of all landscape areas, including park strips, in good condition and in a way that presents a healthy, neat and orderly appearance. All landscaping shall be maintained free from disease, pests, weeds and litter. This maintenance shall include weeding, watering, fertilizing, pruning, mowing, edging, mulching or other maintenance, in accordance with acceptable horticultural practices.~~

~~2. The repair or replacement of landscape structures (e.g., walls, fences) to a structurally sound condition and original appearance.~~

~~3. Perpetual maintenance to prohibit the reestablishment of undesirable and harmful species within landscape and preservation areas.~~

~~4. Regular maintenance, repair or replacement of any plant material, screening or buffering required by this chapter in conjunction with approved plans. Any landscaping required to be planted or preserved by this chapter shall be replaced with the largest available equivalent vegetation. The city may require that any dead trees, shrubs and plants be replaced within the current or next planting season.~~

B. Designers and installers for all commercial, industrial, institutional, civic, mixed use, and multiple-family residential sites shall meet all applicable state and local license, insurance, and bonding requirements and be able to show proof of such upon request.

1. Upon completion of the landscape installation, the landscape architect or landscape designer responsible for creating and stamping the plans shall inspect the installation and provide a signed certificate of substantial completion to the property owner or applicant and to the city.

2. After receiving the certificate of substantial completion from the landscape architect or landscape designer, the property owner or applicant shall schedule a landscape inspection with the Community Development Department for verification of ordinance compliance. If an improvement completion assurance has been posted, a certificate from the landscape architect or designer for the portion(s) installed

must accompany each request for a partial refund of the improvement completion assurance.

C. Maintenance and Replacement:

1. Property owners shall be responsible for the regular maintenance of all landscape areas of their property, including adjacent park strips, in a way that presents a healthy, neat and orderly appearance. All landscaping shall be maintained free from disease, pests, weeds and litter. This maintenance shall include but is not limited to weeding, watering, fertilizing, pruning, mowing, edging, mulching, and etcetera, in accordance with generally accepted horticultural best practices.
2. Property owners shall be responsible for maintenance, repair or replacement of landscape structures (e.g., walls, fences) in a structurally sound condition and in a neat appearance without substantial deterioration.
3. Property owners shall actively prevent the establishment of undesirable and harmful plant and tree species within landscape and preservation areas through ongoing maintenance, including weeding, to prevent germination, growth and establishment of such plant and tree species, and prompt removal and disposal of such species once discovered.
4. Property owners shall promptly replace any tree or plant material required by this chapter or shown on approved plans that is diseased, dead or dying and unable to be restored to health. Replacement trees shall have a minimum caliper of two inches (2"). Any perennial landscaping required to be planted or preserved by this chapter that dies or is otherwise removed shall be replaced with vegetation which complies with the minimum size and other characteristics required at the time of initial installation, or larger specimens as available.

...

9-23-160: TEMPORARY SUSPENSION OF LANDSCAPING INSTALLATION:

The physical installation of ~~landscaping~~ live plant material required by this chapter shall not occur during the winter months between October 1st and the following March 31st, or during a day in which the outdoor temperature exceeds ninety-nine degrees (99°) including the following five (5) calendar days, and may be temporarily suspended, in individual cases, by the zoning administrator during other periods of adverse weather conditions, or when plants and landscape materials are not available. ~~If the landscape standards of this chapter are suspended, the zoning administrator shall enter into an agreement with the landowner that will allow issuance of a temporary certificate of occupancy.~~

9-23-170: TABLES:

TABLE 9-23-1

PERIMETER PLANTINGS ALONG STREET FRONTAGES

(Not Including Park Strips)

<u>Minimum Ratios Per 100 Linear Feet</u>	Freeway	Arterial	Collector	Local
Adjacent to building or open area	2 shade <u>deciduous</u> trees	2 shade <u>deciduous</u> trees 1 ornamental <u>evergreen</u> tree 16 shrubs 100 sq. ft. <u>of planting beds</u> ¹	2 shade <u>deciduous</u> trees 1 ornamental <u>evergreen</u> tree 12 shrubs 75 sq. ft. <u>of planting beds</u> ¹	2 shade <u>deciduous</u> trees
Adjacent to parking lot ²	As above plus: <u>3' evergreen shrubs or a combination of evergreen shrubs and a berm for continuous screening of the parking area</u>	As above plus: <u>3' evergreen shrubs or a combination of evergreen shrubs and a berm for continuous screening of the parking area</u> ¹	As above plus: <u>3' evergreen shrubs or a combination of evergreen shrubs and a berm for continuous screening of the parking area</u> ¹	As above plus: <u>3' evergreen shrubs or a combination of evergreen shrubs and a berm for a minimum 75% screening of the parking area</u> ¹
Adjacent to service areas (loading docks, outside storage, and trash compactors) ^{3 2}	As Trees as above plus: Evergreen trees, evergreen shrubs, and/or berm providing for 100% screening of the service area ²	As Trees as above plus: Evergreen trees, evergreen shrubs, and/or berm providing for 75% screening of the service area ²	As Trees as above plus: Evergreen trees, evergreen shrubs, and/or berm providing for 75% screening of the service area ²	As Trees as above plus: Evergreen trees, evergreen shrubs, and/or berm providing for 50% screening of the service area ²

Notes:

1. ~~Decorative planting bed with flowers, other color, small shrubs, and nonturf ground cover.~~
2. ~~A 3-foot high decorative wall, compatible with the design of the main building, may be used in lieu of berms or shrubs for parking lot screening. Screening shall be designed to be between three feet (3') and four feet (4') in height after five (5) years of normal growth, and shall be maintained so as to not exceed four feet (4') in height, or the height limitations found in section 9-27-080 as applicable. A three feet (3') tall decorative wall or fence, compatible with the architectural design and materials of the main building or site fencing, may be used in lieu of shrubs for parking lot screening.~~

32. Service area screening Screening shall be designed to meet the above criteria after five (5) years of normal growth.

**TABLE 9-23-2
PERIMETER PLANTINGS ALONG INTERIOR LOT LINES^{1,2}**

Minimum Ratios Per 100 Linear Feet	Side	Rear
Adjacent to building ¹	1 shade <u>deciduous</u> tree 5 <u>shrubs</u>	1 shade <u>deciduous</u> tree 5 <u>shrubs</u>
Adjacent to parking lot ²	1 shade <u>deciduous</u> tree 9 shrubs	1 shade <u>deciduous</u> tree 9 shrubs
Adjacent to service area ³	As above, plus: 1 Evergreen trees and 16 evergreen shrubs that at maturity will screen from view 50% of the service area	As above, plus: 1 Evergreen trees and 16 evergreen shrubs that at maturity will screen from view 50% of the service area

Notes:

1. ~~Perimeter plantings may be reduced or deleted when adjacent to a service area, nonpublic area, or area with obscured view. Where a building wall is located between ten (10) and five (5) feet from the property line, columnar species of trees shall be utilized and the required tree count shall be double. Where a building wall is located closer than five feet (5') from the property line, but greater than two feet (2'), in addition to the required shrubs, four (4) shrubs with columnar or vertical growth characteristics that will reach at least four feet (4') in height shall be substituted for each required tree. Where a building wall is located two feet (2') or closer to a property line, trees and shrubs shall not be required and the perimeter planting area shall include ground cover plantings or rock mulch and comply with the requirements of section 9-23-130(F).~~
2. ~~Perimeter plantings not required when buildable area abuts a lot line. Where a perimeter planting area adjacent to a parking lot is permitted to be less than ten feet (10') in width, the number of required trees may be reduced by up to fifty percent (50%) to account for the adjacent tree canopy of the adjoining property. The required shrub count shall remain the same.~~
3. ~~Evergreen shrubs shall be of a species or variety that will grow to a minimum height of four feet (4') at maturity. The zoning administrator may permit a reduction in the number of evergreen shrubs upon demonstration that the evergreen shrubs within the landscape design will provide fifty percent (50%) screening of the service area within five (5) years of normal growth.~~

9-25-080: PARKING AREA DESIGN AND CONSTRUCTION:

...

H. Landscaping: Parking areas shall be designed to incorporate landscaping ~~landscaped~~ as provided specified in chapter 23 of this title. ~~In addition, the design of parking area landscaping shall adhere to each of the following:~~

~~1. Landscaping Islands: Landscaping islands shall be provided at each end of parking rows.~~

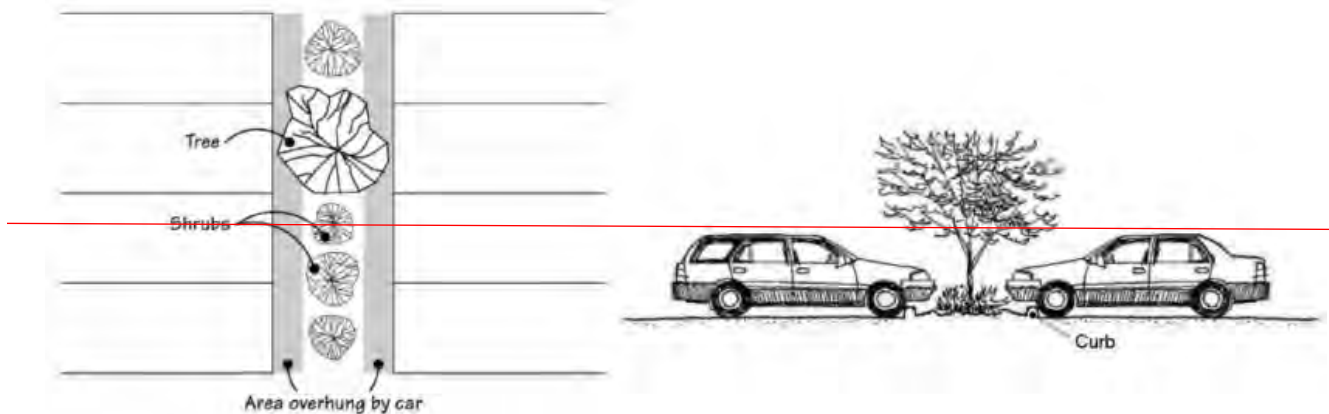
~~2. Parking Row Dividing Landscaping:~~

~~a. Rows of adjacent parking shall be separated by landscaping of at least five feet (5') in width or nine feet (9') in width if vehicles are allowed to overhang the landscaping. Where the planning commission finds that it is not feasible for rows of parking to be separated by landscaping, parking areas shall be designed to include tree diamonds. In order to determine this feasibility, the planning commission must find that:~~

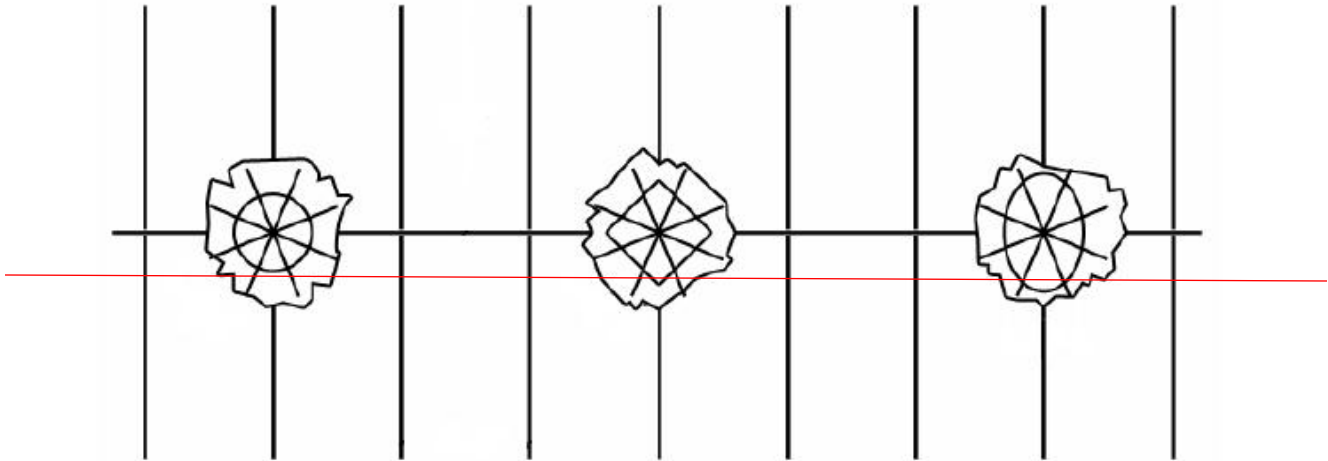
~~(1) The site requires a deviation from strict compliance to reduce parking; or~~

~~(2) The site would requires a deviation from strict compliance to reduce parking in order to implement such landscaping; and~~

~~(3) Constraints of the site would necessitate the elimination of required parking spaces or reduction of site boundary landscaping buffers in order to facilitate such landscaping.~~

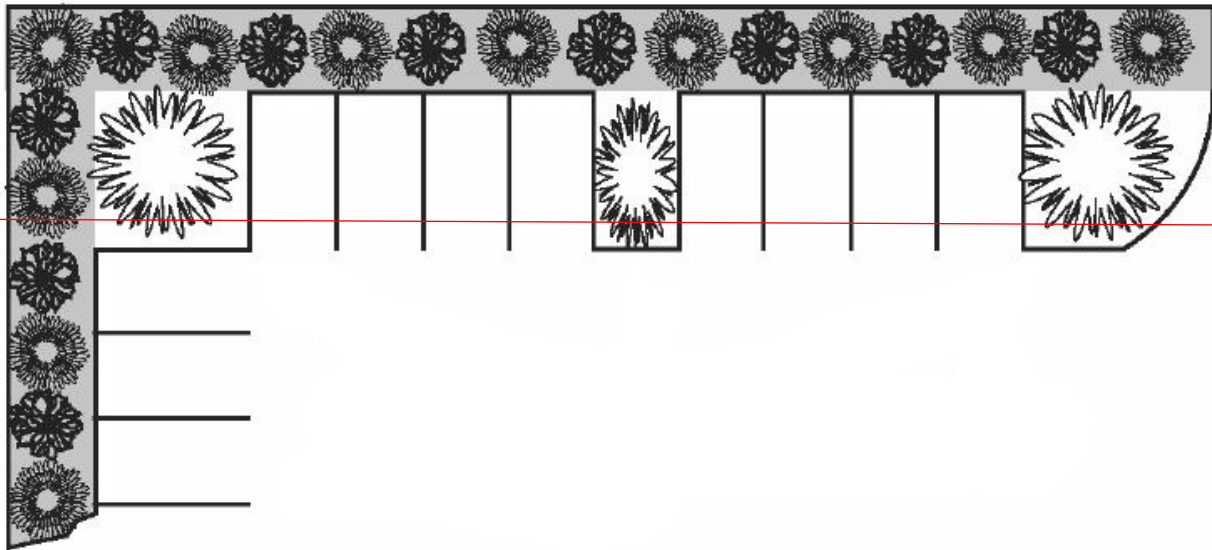


~~b. When tree diamonds are proposed, they shall be spaced no more than three (3) parking spaces apart and the area dedicated to the tree diamond shall be at least five by five feet (5 x 5') when square or at least five feet (5') in diameter when round or oval.~~



Tree Diamonds

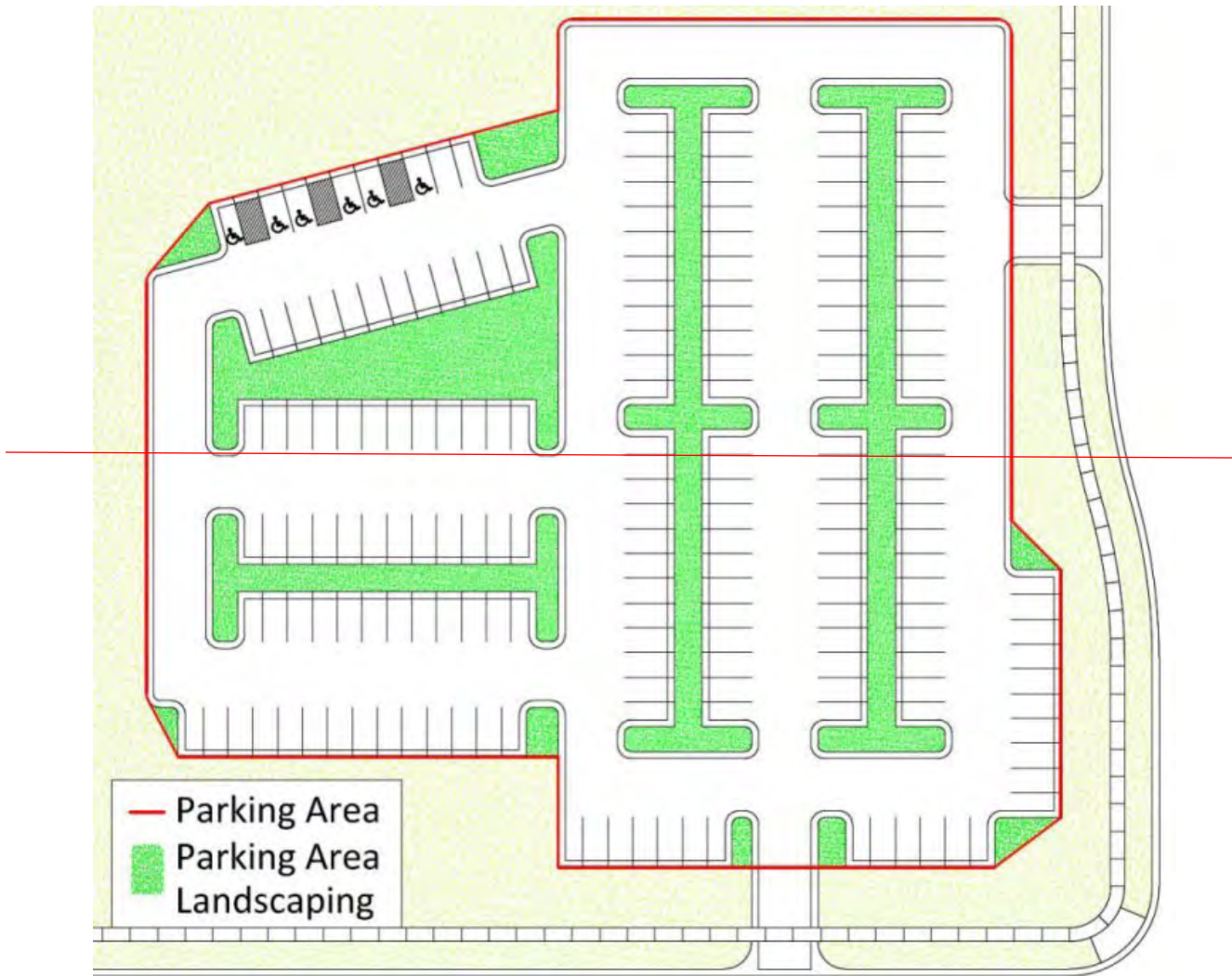
- 3. ~~Spacing Between Landscaping Islands: The maximum number of parking spaces in a row without separation by a landscaping island shall be fifteen (15).~~



Parking Area Landscaping Islands

- 4. ~~Amount Of Landscaping: Landscaping within parking areas shall be provided in a proportion determined in subsection 9-23-100A of this title. Landscaping eligible for consideration as parking area landscaping shall be as demonstrated in the diagram below. Parking area landscaping shall be calculated independently from site area landscaping, but may also count toward site area landscaping.~~

**FIGURE 9-25-2
PARKING-AREA LANDSCAPING**



~~5. Borders And Separation: All parking area landscaping and landscaping adjacent to parking areas shall be bordered and separated from the parking area by six inch (6") high back concrete curbing. Curbing may be reduced or eliminated if the entire site is being developed as a low impact development (LID) for storm drainage purposes and wheel stops are installed in all parking stalls to prevent vehicle intrusion into landscaped areas.~~

...

9-27-230: OUTDOOR STORAGE AND DISPLAY:

A. ~~Permitted~~; Screening: All outdoor storage shall be in conjunction with and subordinate to a legally established business and shall be allowed only after approval of a conditional use permit by the planning commission. The following screening regulations shall apply to open storage areas:

1. ~~A~~An opaque fence masonry wall or solid metal fencing shall be required to screen the view of all open storage areas ~~from public streets~~.
 - a. For screening views from public and private streets the fence shall be constructed of masonry, metal, or the same materials as the adjacent building.
 - b. For screening views from neighboring properties along the side and rear property lines, inclusive of a gate, the fencing may be constructed of the same materials listed in subsection A(1)(a) of this section or chain-link with privacy slats.
 2. ~~A chainlink fence with slats or other opaque fence or wall n shall be required along side and rear property lines to screen areas of open storage up to and including any gate. Outdoor storage areas shall not be located closer than twenty feet (20') to a residential use or zone.~~
 3. Fences used to screen open storage shall be ~~not less than six~~ ten feet (~~6~~10') high. ~~Fences greater than six feet (6') high may be~~ unless a lower height is approved by the planning commission as part of the conditional use permit. ~~upon a~~ In approving reduced fence height the planning commission may not approve a fence lower than six feet (6') in height and must find finding that increased the reduced height for screening is necessary to will not create additional reduce impacts to surrounding properties.
 4. ~~Materials within twenty feet (20') of the fence~~ Materials may not be stored or stacked higher than the fence.
 5. The planning commission may condition or require that specific materials, colors, or design elements to be used in the construction and installation of the screening fence or wall, other than those proposed, upon finding that the specific material, color, or design element will better mitigate existing or potential impacts to surrounding properties.
- B. ~~Permanent~~ Outdoor Display Areas: All outdoor display areas shall be in conjunction with and subordinate to a legally established commercial business ~~in commercial zones. The~~ in accordance with the following regulations ~~shall apply to permanent outdoor display areas:~~
1. ~~New site plans must depict any~~ All proposed outdoor display areas must be approved as part of a new or amended site plans pursuant to section 9-5-090 of this title. ~~Display~~ Outdoor display areas may not be counted ~~in the landscaping as or be part of the landscaped area~~ required by chapter 23 of this title.
 2. ~~Businesses desiring outdoor display areas in previously approved and constructed commercial sites shall have areas of outdoor display approved by the zoning administrator by means of a site plan amendment pursuant to section 9-5-090 of this title and in accordance with the following regulations:~~

- ~~a. The outdoor display area shall be directly related to a business occupying a permanent structure on the subject site.~~
- ~~b. Merchandise displays shall not block sidewalks, walkways, building entrances or drive aisles and clear view areas.~~
- ~~c. Businesses shall only display merchandise directly in front of their business area.~~

The outdoor display area shall be directly related to a business occupying a permanent structure on the site.

- 3. Displays and merchandise shall not block sidewalks, walkways, building entrances, drive aisles, or clear view areas.
- 4. The location of outdoor displays shall directly correlate with the physical location of the business on the site, such as directly in front of their business area, and the physical functionality of the outdoor display area may not create impacts to other businesses on the site.

17-1-040: DEFINITIONS:

...

~~PARK STRIP: The area located between a street right of way line and the edge of asphalt or curb, but not including driveways, sidewalks, or trails. See definition of park strip found in section 9-3-040 of this code.~~

~~TREE, STREET TREE: An approved tree placed either within or adjacent to the City's public right-of-way. Street trees are considered a public improvement. See definition of street tree found in section 9-3-040 of this code.~~

...

17-4-075: IMPROVEMENT COMPLETION ASSURANCES:

- A. An applicant may provide the city with an improvement completion assurance as defined ~~below in Utah Code Ann. §10-9a-103~~ in an amount equal to one hundred ~~ten~~ percent (~~110~~100%) of the estimated completion costs in lieu of an obligation required by this title. ~~For purposes of this and other sections of this title, an improvement completion assurance is defined as codified in Utah Code Ann. §10-9a-103 except that the acceptable~~ Acceptable forms of an improvement completion assurance limited by this code are:
 - 1. A business check from a FDIC insured financial institution within 50 miles of Draper City hall with funds immediately available to the city;
 - 2. Cash;
 - 3. A cash bond;

4. A cashier's check from a FDIC insured financial institution with offices within 50 miles of Draper City Hall ~~with~~ and funds immediately available to the city upon default;
5. An irrevocable letter of credit from a FDIC insured financial institution with offices within 50 miles of Draper City Hall ~~with~~ and funds immediately available to the city upon default; or
6. Other method of security as agreed upon by applicant, the City Engineer, and the City Attorney.

B. Each person who provides an improvement completion assurance must also enter into an improvement completion assurance agreement with the city. An improvement completion assurance agreement may specify additional details for the completion of work contemplated by the agreement.

C. Procedures for processing completion assurance bonds, including improvement completion assurances for public landscaping or infrastructure are detailed below:

1. The developer shall be required to provide to the city a bid detailing the cost to install public landscaping improvement and infrastructure improvements included in the approved plans that have not been installed and accepted by the city. Submitted bids must be on company letterhead. For landscaping the bid must come from a licensed and insured landscape company or landscape contractor, or for other infrastructure improvements, a licensed and insured contractor that can complete the work.
2. Bid amounts for trees shall not be valued at less than three hundred dollars (\$300.00) per tree.
3. Funds from an improvement completion assurance will be held by the Draper City Community Development Department.
4. After the improvements detailed in the bid are installed, the developer may request a refund of those portions of the improvement completion assurance that correlate with the installed improvements per the bid.
5. Requests for a release of funds held as an improvement completion assurance shall be processed as per this code and department policies and shall not be released until the installation is acceptable to the city and in accordance with approved plans.

17-5-060: LANDSCAPING AND TREES:

A. Landscaping: ~~A landscaping plan~~ Landscaping and irrigation plans in compliance with Chapter 9-23 of this code shall be required for all ~~residential~~ subdivisions within the City detailing the landscaping ~~in~~ of all public areas and park ~~strips~~ strips in the development and any other area required to be landscaped as a condition of

development approval. ~~In addition, whenever the Planning Commission determines there are areas within developments which warrant screening, buffering, or are of sufficient size or visibility to warrant special treatment, the developer may be required to provide a landscaping plan for such areas for review and approval by the City. All landscaping plans shall indicate how maintenance of the landscaped areas will be performed and by whom. All irrigation systems will conform to Draper City standards and specifications. The plants or other landscaping materials that best serve the intended functions shall be elected. Landscaping materials shall be appropriate for the local environment, soil conditions, and availability of water. When required by the Zoning Administrator or Planning Commission due to the nature or size of the proposed landscaping, developers may be required to have the landscaping plans prepared and stamped by a registered landscape architect.~~

~~A landscaping plan for all park strips is required to be submitted with the final plat application for all subdivisions. This plan shall indicate the plan for ground cover within park strips, and shall also include details on the irrigation system required to support the designated ground cover and required street trees. Drip or similar deep watering systems shall be indicated where street trees are present within the landscaping plan.~~

B. Street Trees:

1. ~~Street Trees Required:~~ All developers of ~~residential~~ subdivisions in Draper City shall provide ~~a street trees~~ plan in accordance with section 9-23-080 of this code as part of subdivision application and shall provide a copy of the street tree plan approved with the subdivision to the purchaser of each lot in the subdivision as part of the landscaping plan in order to reduce heat, dust, glare and the need for cooling and heating; to help clean and oxygenate the air; to reduce road noise; to prevent erosion and promote soil health; to mask undesirable views and enhance pleasing views; to develop continuity among developments; and to generally enhance the appearance of the City streets and promote a sense of civic pride and vitality. A street tree plan, which is in accordance with Draper City standards and the Draper City tree guide, shall be submitted with the final plat application for all subdivisions. The subdivider is responsible for ensuring the installation of the required number, species, and caliper of street trees, per the approved street tree plan, prior to the issuance of a certificate of occupancy for any dwelling.
 - a. The following note shall be included on each subdivision plat where street tree installation is required:
Notice to property owners: Individual property owners are required to plant and maintain street trees adjacent to or on their property in compliance with the approved street tree plan for the subdivision on file in the Community Development office of Draper City.

2. ~~Improvement Completion Assurance: An improvement completion assurance and accompanying agreement as defined by DCMC 17-4-070 and DCMC 17-4-075 is required for street tree installation with all subdivision. The subdivider shall post an improvement completion assurance with the City prior to recording any subdivision or phase of each subdivision. The amount shall be set by the City and shall be sufficient to cover the cost of providing trees for the individual lot, but shall not be less than three hundred dollars (\$300.00) per required tree. Funds from an improvement completion assurance will be held by the Draper City Community Development Department, and shall not be released until a site inspection has verified the proper tree installation has occurred, in accordance with the procedure outlined below:~~

~~Total street tree and park strip landscaping amounts shall be calculated by multiplying the number of trees shown on the approved street tree and landscaping plan by three hundred dollars (\$300.00), and additionally adding in an estimated landscaping and irrigation systems cost. This amount shall be posted with each subdivision or phase of a subdivision prior to the recording of any final or minor plat. During the construction and occupancy of homes within a subdivision, subdivider would have two (2) annual opportunities to reduce or refund a portion of the improvement completion assurance. These reductions shall be linked to the installation of the street trees as described on the street tree planting plan.~~

~~Annual opportunities for reduction shall occur once in the spring, between April 1 and May 31, and again in the fall after September 15 but prior to November 30. These dates are intended to avoid the planting of street trees during the hottest times of the year for a higher establishment success rate. [Street trees selected for use within subdivision park strips shall meet the same diversity standards for trees found in subsection 9-23-050\(H\) of this code.](#)~~

3. ~~Street Tree Installation: All residential subdivisions shall have street trees and irrigation systems installed within the park strip between the sidewalk and curb. In areas where there is no sidewalk or no park strip between the sidewalk and curb, street trees shall be installed within fifteen feet (15') of the right-of-way. Street trees shall be installed in accordance with the standards and specifications developed by the City Tree Commission and adopted by the City Council. Irrigation systems shall be professionally installed by a licensed contractor, and shall include an automatic watering system appropriate to the approved tree and park strip planting plan. The developer shall prepare a street tree plan for each approved residential subdivision which shall be reviewed by the Draper City Community Development Department~~

~~and forwarded to the Draper City Zoning Administrator or Planning Commission. A diversity of species is encouraged to minimize the danger of losing an entire monospecific planting to blight, insects or some other species specific condition. After installation by the subdivider, individual homeowners are responsible for the irrigation and maintenance of required park strip street trees.~~ The developer or property owner shall install street trees including necessary irrigation, as detailed on approved plans, along the street frontage that abuts the property. Installation may not occur during the winter months of October through March, and shall be completed no later than May 31st of the calendar year following the commencement of the use or the first issuance of an occupancy certificate for the property. After installation, individual property owners shall irrigate and maintain street trees fronting their property in accordance with sections 9-23-080 and 9-23-140 of this code. Violations of this section shall be enforced per section 17-1-100.

- C. Improvement Completion: The subdivision developer shall provide an improvement completion assurance as per section 17-4-075 of this title for all public landscaping improvements and infrastructure improvements within the subdivision, or install said improvements prior to commencement of any other development activity on the property and recording the of the plat. Subdivisions which are required to contain other landscaping improvements or amenities, with the exception of street trees, shall enter into a written agreement with the city regarding the completion of the other landscaping and amenities including provisions for the posting of improvement completion assurances as necessary, before the plat may be recorded.

TAYLORSVILLE, UTAH
ORDINANCE NO. 23-08

AN ORDINANCE OF THE CITY OF TAYLORSVILLE APPROVING A TEXT AMENDMENT TO TAYLORSVILLE MUNICIPAL CODE CHAPTER 13.25 AND SECTIONS OF CHAPTER 13.36 RELATED TO UPDATES TO WATER EFFICIENT LANDSCAPING STANDARDS.

WHEREAS, the Taylorsville City Council (the “Council”) met in regular session on June 21, 2023, to consider, among other things, approving a text amendment to Taylorsville Municipal Code Chapter 13.25 and sections of Chapter 13.36 related to updates to water efficient landscaping standards; and

WHEREAS, pursuant to TAYLORSVILLE MUNICIPAL CODE Section 13.35.040, notice of a public hearing before the City’s Planning Commission was posted at City Hall on June 2, 2023; and

WHEREAS, the notice of a public hearing before the City’s Planning Commission was also published on the Utah Public Notice Website on June 2, 2023; and

WHEREAS, the City’s Planning Commission held a properly noticed public hearing on the proposed amendments on June 13, 2023, during which the Planning Commission voted 6-0 to recommend that the Council approve the proposed text amendment; and

WHEREAS, although not required by City ordinances, the City Council heard courtesy public comment on the proposed amendments during its regularly scheduled meeting on June 13, 2023; and

WHEREAS, after careful consideration, the Council has determined that it is in the best interest of the health, safety, and welfare of the citizens of Taylorsville to approve the proposed amendments.

NOW, THEREFORE, BE IT ORDAINED by the Taylorsville City Council that the proposed text amendments to the Taylorsville Municipal Code Chapter 13.25, Sections 13.36.020, 13.36.090, 13.36.130, 13.36.170 and 13.36.210, related to updates to water efficient landscaping standards, are hereby approved, as articulated in Exhibit “A.”

This ordinance, assigned Ordinance No. 23-08, shall take effect as soon as it shall be published or posted as required by law, deposited, and recorded in the office of the City Recorder, and accepted as required herein.

PASSED AND APPROVED this 21st day of June, 2023.



TAYLORSVILLE CITY COUNCIL

By: 
Robert Knudsen, Council Chair

VOTING:

Meredith Harker	Yea <input checked="" type="checkbox"/>	Nay <input type="checkbox"/>
Ernest Burgess	Yea <input checked="" type="checkbox"/>	Nay <input type="checkbox"/>
Robert Knudsen	Yea <input checked="" type="checkbox"/>	Nay <input type="checkbox"/>
Curt Cochran	Yea <input checked="" type="checkbox"/>	Nay <input type="checkbox"/>
Anna Barbieri	Yea <input type="checkbox"/>	Nay <input checked="" type="checkbox"/>

PRESENTED to Mayor of Taylorsville for her approval this 21ST day of June, 2023.

APPROVED this 21ST day of June, 2023.


Mayor Kristie S. Overson

ATTEST:


Jamie Brooks, Recorder

DEPOSITED in the Recorder's office this 22nd day of June, 2023.

POSTED this 22nd day of June, 2023.

EXHIBIT A

CHAPTER 13.25 LANDSCAPING STANDARDS

SECTION:

[13.25.010](#): General Landscaping Standards

[13.25.020](#): Commercial, Office, Multi-Family, And Industrial Landscaping Requirements

[13.25.030](#): Tree Stewardship

[13.25.040](#): Water Efficient Landscaping

13.25.010: GENERAL LANDSCAPING STANDARDS:

The following standards shall apply to all districts:

A. Preservation Of Natural Features: The preservation of natural features that enhance the development and will benefit the community including trees, scenic points, view corridors, historic buildings or locations, unique geological formations, and other community assets shall be preserved and incorporated into the overall landscape plan.

B. Parking In Landscaped Areas: Parking is prohibited upon any front, side, rear, or interior landscaped areas or areas intended for landscape.

C. Park Strips: The park strip standards in this section are intended to maintain design flexibility and safety of park strips while ensuring access to public facilities, promote water conservation, maintain aesthetic ~~quality~~ quality, and ensure pedestrian safety and accessibility.

1. Applicability: The requirements of this section apply to all park strips, defined as the area within the street right of way situated between the back of curb and the sidewalk or, if there is no sidewalk, back of curb and the right of way line. These standards apply to all properties that have street curbs. Owners of property on streets without curbs and gutters are not ~~required~~ required to maintain formal landscaping within the public right-of-way.

2. General Landscape Requirements:

a. It is the property owner's responsibility to landscape all park strips adjacent to their property.

b. All park strip landscaping must be maintained in a safe and well-kept condition. Trash, debris, and noxious weeds are not permitted.

c. Sufficient water shall be provided for vegetative ground cover, annuals, perennials, shrubs, and trees to keep them in a healthy condition.

d. For surfaces with water meter lid, shutoff, or other utility or access, landscaping must not inhibit access for a radius of at least twelve (12) inches. For surfaces around a fire hydrant, landscaping must not inhibit access for a radius of at least three (3) feet.

3. Park Strip Ground Treatment:

a. Plant materials should cover twenty-five (25) percent or more of the park strip surface when plants have reached maturity. For lots with multiple street frontages, this standard shall be applied separately to each park strip. In new or replacement landscaping, it is recommended that water conserving plants are used. The use of drip irrigation rather than overhead spray systems is ~~highly encouraged~~required.

b. Installation of weed barrier fabric under mulch is required to inhibit weed growth. Weed barrier shall not be visible and must be covered with soil, mulch, or gravel.

c. Organic mulch materials such as bark may be used as water conserving mulch for plants and may also be used as the only material in portions of a park strip. It is recommended to use organic mulch that is three (3) to four (4) inches in depth for weed control.

d. Gravel, rocks, and boulders may be used on portions of the park strip. Large diameter rocks and boulders shall be kept a minimum of thirty (30) inches away from street trees that are in the park strip. Organic mulch or gravel shall be used near existing street trees.

e. Paving materials, limited to poured concrete, brick pavers, concrete pavers, or natural stone pavers, may be used in portions of a park strip subject to the following:

(1) Paving materials shall be kept a minimum of thirty (30) inches away from existing trees. Organic mulch or gravel shall be used near existing street trees.

(2) In park strips that are thirty-six (36) inches or less in width, brick, concrete, or natural stone pavers may be used in (one hundred) 100 percent of the surface area. If concrete is used, it shall be stamped with a brick, stone, or other decorative pattern to distinguish it from the adjacent sidewalk. All hard surface sections shall be installed to be flush with both the sidewalk and curb and gutter. The use of water conserving plants in combination with paving materials is encouraged.

(3) In park strips over thirty-six (36) inches in width, paving materials, gravel, rocks, and boulders shall not exceed seventy-five (75) percent of the total park strip surface area. Poured concrete shall not be used except for pedestrian pathways as outlined below.

4. Pedestrian Pathways: For safe, convenient access to vehicles across park strips, pedestrian pathways (walkways through the park strip) are encouraged. The material used may be poured concrete, brick or concrete pavers, or natural stone pavers such as flagstone, or a combination of these. If poured concrete is used, the pedestrian pathway shall be not more than four (4) feet in width and shall be located to provide the most direct route through the park strip. The area of pedestrian pathway shall be included in calculating the percentage of inorganic surface in the park strip.

5. Park strip prohibited materials include:

a. ~~Lawn~~

b. ~~—~~ ~~a.~~ Asphalt;

c. ~~—~~ ~~b.~~ Concrete, except as allowed in subsection (3) above;

d. ~~—~~ ~~c.~~ Thorn-bearing plants;

e. ~~—~~ ~~d.~~ Except for trees, no plant, monument, boulder, or other object that exceeds three (3) feet in height at maturity is permitted within the sight visibility triangle.

f. ~~—~~ ~~e.~~ Retaining walls, fences, steps, and other similar structural encroachments.

6. Flexibility Measures: The director may modify the standards of this section to better achieve its intent and address site-specific conditions such as, among other things, steep

grades between the curb and sidewalk, the presence of canals or drainage channels, limited access to irrigation, and urban streetscape treatments. (Ord. 12-15, 7-11-2012; amd. Ord. 22-08, 8-17-2022)

D. Water Efficient Landscaping:

The city finds that it is in the public's interest to conserve public water resources and promote water efficient landscaping. The purpose of this section is to protect and enhance the community's environmental, economic, recreational, and aesthetic resources by promoting efficient use of water in the community's landscapes, reduce water waste, and establish a structure for designing, installing, and maintaining water efficient landscapes throughout the city.

1. Applicability:

The following standards shall apply to:

- a. Front and side yards in single-family (R-1) and two-family (R-2) residential zoning districts.
- b. In all other zones, these standards shall apply to the entire lot or parcel.
- c. Lots or parcels in the open space zoning district are exempt from the standards in this section.

2. Landscaping Standards

- a. Irrigation should be appropriate for the designated plant material to achieve the highest water efficiency. Each irrigation valve should irrigate landscaping with similar site, slope and soil conditions, and plant materials with similar watering needs.
- b. Drip irrigation or bubblers in all landscaped areas except lawn areas are required. Drip irrigation systems are to be equipped with a pressure regulator, filter, flush-end assembly, and any other appropriate components.
- c. Separate irrigation valves are to be used for lawn and planting beds.
- d. Irrigation systems shall be controlled by a smart irrigation controller which automatically adjusts the frequency and/or duration of irrigation in response to changing weather conditions. Controllers that are equipped with automatic rain delay or rain shut-off capabilities are recommended.
- e. Above-ground irrigation shall only be permitted between the hours of eight o'clock (8:00) P.M. and ten o'clock (10:00) A.M. to reduce water loss from wind and evaporation. Special exceptions may be granted by the Director when more frequent watering is necessary to establish newly planted landscape areas.
- f. Lawn shall not be installed in park strips, paths, or on slopes greater than 25% or 4:1 grade and be less than 8 feet wide at its narrowest point. Lawn limitations do not apply to small residential lots with less than 250 square feet of landscaped area.
- g. Lawn areas in single-family (R-1) and two-family (R-2) zoning districts shall not exceed 35% of the total landscaped area of the front and side yards.

h. Outside of active recreation areas, in commercial, industrial, institutional, and multi-family development common area landscapes, lawn areas shall not exceed 20% of the total landscaped area of the lot.

i. At least 3-4 inches of mulch, permeable to air and water, are to be used in planting beds to control weeds and improve the appearance of the landscaping.

j. At maturity, landscapes are recommended to have enough plant material (perennials and shrubs) to create at least 25% living plant cover at maturity at the ground plane, not including tree canopies.

k. Plants selected for landscaping should consist of plants that are well suited to the microclimate and soil conditions.

13.25.020: COMMERCIAL, OFFICE, MULTI-FAMILY, AND INDUSTRIAL LANDSCAPING REQUIREMENTS:

A. Front Yard: Front yard landscaping is measured from the front property line(s) after any required street dedication. This standard shall apply to all street frontages.

1. All Commercial, Office, Multi-Family, And Industrial Districts: In all commercial and industrial zones, a minimum of fifteen feet (15') of front yard landscaping shall be required.

2. Berming: The use of berms (random sculptured mounds), twelve (12) to eighteen inches (18") high above the curb level, are required in all front landscape areas where found to be practical by the director.

3. Street Trees: Two inch (2") minimum caliper street trees shall be planted in the front park strip area (centered between the sidewalk and the curb to minimize tree conflicts and to maximize tree root zone) where the park strip is a minimum of five feet (5') in width, according to the varieties and spacing specified in applicable standards. Where the sidewalk has been placed against the curb, street trees shall be planted four feet (4') behind the sidewalk.

4. Front Landscape: Front landscape areas shall include a combination of trees, rocks, gravel, and plant materials. Plant materials shall cover a minimum of 25% of the landscaped area, sod as well as areas of trees, shrubs, ground covers, and mulch.

~~5. Elimination Of Park Strip: The planning commission may approve the elimination of the park strip in a commercial district allowing the sidewalk to be placed against the curb. If the elimination of the park strip is approved by the planning commission, the sidewalk against the curb shall be increased in width to six feet (6') or wider as per applicable standards. In these instances, the front landscape area shall not be less than twenty feet (20') in depth.~~

~~6. Nonexistent Park Strips: Where a sidewalk exists directly adjacent to a public right of way, the front landscaping shall be a minimum of twenty feet (20') in depth.~~

B. Side And Rear Yards:

1. There shall be a minimum of five feet (5') of landscaping between parking areas and side or rear property lines (except between commercial uses where said landscaping is not visible from areas of public access) and a minimum of five feet (5') of landscaping between an access driveway and a side or rear property line unless said driveway is to be used for common access by an adjacent lot.

2. Areas not visible from the street shall have one landscape area in the amount of one hundred (100) square feet for every seventy five (75) linear feet of property line not visible from the public right of way.

C. Landscaping Within Parking Areas:

1. Landscaping within all parking and driveway areas shall comprise a minimum five percent (5%) of the total square footage of those areas. In addition, the required front, side, and rear landscaping (parking area shall be defined to include all asphalt areas with parking spaces and driveways). The placement of this landscaping shall be within parking areas to break up the mass of asphalt as well as adjacent to the building for foundation landscaping. Such landscaping shall not contain lawn and shall be composed of natural elements including ground cover, shrubs, trees (evergreen and deciduous), and combinations of mulch.

2. All traffic islands shall be landscaped and be considered as a portion of the required five percent (5%) parking lot landscaping and shall be a minimum of five feet (5') in width.

3. Landscape planters and/or raised barrier sidewalks shall be installed along buildings (except where not visible from public access areas or loading areas) and any paved areas where visible from the street to provide safety to pedestrians, to protect the structure, and to provide foundation landscaping to soften a structure's appearance.

4. All landscaped areas abutting any paved area shall include a six inch (6") high concrete curb. Concrete bumper stops are not acceptable.

5. At intersections of streets, driveways, sidewalks, etc., landscaping shall be limited to a height of not more than three feet (3') above street level within the area required for minimum sight distances for local roads and streets.

D. Undeveloped Areas:

1. All undeveloped areas shall be maintained free of weeds and trash.

2. All expansion areas or pad sites shall be maintained with drought-tolerant sod native seed mix, mulch, or other materials as approved by the director until such time as construction is started on that building pad.

E. Adjacent To Residential Districts: A minimum ten foot (10') width of landscaping shall be provided on an applicant's property, including a combination of trees and shrubs (evergreen and deciduous), ~~and ground covers~~ shall be provided to create a buffer for the adjacent residential district.

F. Installation:

1. It shall be the responsibility of the developer to grade, place topsoil, seed or sod, install automatic sprinkler irrigation systems, and properly plant trees, shrubs, and other approved plant materials.

2. All trees planted on site less than two inch (2") caliper shall be double staked.

3. All landscaping shall be completed in accordance with the plans submitted and approved by staff.

a. All landscape work must be installed prior to a certificate of occupancy of the building being issued or as otherwise approved by the director as seasonal conditions may dictate.

b. The developer shall bond for such landscape improvements as part of the private improvement bond to ensure that installations are completed as submitted and approved.

G. Maintenance:

1. It shall be the responsibility of the property owner to properly maintain landscaped areas in accordance with the approved site plan and landscape plan which includes watering, mowing, proper pruning, fertilizing, the removal and replacement of dead plant materials in a timely manner, and the maintenance of the irrigation systems to eliminate waste of water.

2. All pruning shall be accomplished according to good horticultural standards. Trees shall be pruned to promote healthy trees and to accommodate street maintenance and garbage collection (minimum height over street 13¹/₂ feet and over sidewalks 7 feet) and as necessary to promote healthy growth.

3. Unless approval is otherwise provided by the director, trees shall be allowed to attain their normal size and shall not be severely pruned up from the ground or "hat racked" in order to permanently maintain growth at a reduced height. Pruning trees solely for the purpose of exposure is prohibited.

4. Pruning trees for traffic safety reasons shall be reviewed and approved by the city engineer.

H. Vegetation Removal:

1. Once the required landscaping has been installed, it shall not be removed without the approval of the community development department.

2. Removed vegetation shall be replaced with equal or better quality plant materials. Trees that are necessarily removed shall be replaced with trees with comparable total caliper. Street trees that are necessarily removed shall be replaced with comparable original landscape plan caliper in compliance with the city street tree guide unless otherwise approved by the director.

3. When utility connections or other disturbances are made to existing landscaped areas, the existing landscaping must be replaced to its previous condition. Other modifications of landscaped areas shall require approval by the director.

I. Minimum Tree Size: The minimum size of all trees planted on a development site shall be as follows:

1. Street Trees: Two inch (2") caliper minimum as measured eighteen inches (18") above grade.

2. All Other Trees: All other trees on site, one and one-half inch (1¹/₂") caliper minimum as measured eighteen inches (18") above grade.

3. Evergreen Trees: Six foot (6') minimum height above grade.

J. Tree Mix: There shall be a mix of evergreen and deciduous trees on all development sites to allow for a green winterscape. A minimum of forty percent (40%) of all trees on the proposed site shall be evergreens where found to be practical by the director.

K. Existing Trees:

1. The retention of existing healthy, desirable tree species on site is strongly encouraged. Buildings and parking areas should be designed around existing trees, wherever possible.

2. A tree survey on an existing site may be required as determined by the director.

L. Minimum Number Of Trees: A minimum ratio of one tree per every five hundred (500) square feet of on site landscaping shall be provided on the overall site plan.

M. Documentation To Be Submitted For Plan Approval: A landscape plan documentation package shall be submitted to and approved by the director prior to the issuance of any permit. A copy of the approved landscape plan documentation package shall be provided to the property owner or site manager and to the local retail water purveyor. The landscape plan documentation package shall be prepared by a registered landscape architect or a landscape designer. The irrigation plan shall be prepared by an irrigation designer or a landscape architect. The landscape plan documentation package shall consist of the following items:

1. Project Data Sheet: The project data sheet shall contain the following:

a. Project name and address;

b. Applicant or applicant's agent's name, address, phone, e-mail, and fax number;

c. Landscape designer/landscape architect's name, address, phone, e-mail, and fax number; and Landscape contractor's name, address, phone, e-mail and fax number.

2. Planting Plan: A detailed planting plan shall be drawn at a scale that clearly identifies the following:

a. Location of all plant materials, a legend with botanical and common names, and size of plant materials; Property lines and street names;

b. Existing and proposed buildings, walls, fences, light poles, utilities, paved areas, and other site improvements; Existing trees and plant materials to be removed or retained; and

c. Designation of hydrozones.

3. Irrigation Plan: A detailed irrigation plan shall be drawn at the same scale as the planting plan and shall contain the layout of the irrigation system and a legend summarizing the type and size of all components of the system, including manufacturer name and model numbers.

Xeriscape:

~~— 1. Xeriscape is encouraged in required landscape areas. A true xeriscape may include a combination of drought resistant trees, shrubs, ground covers, organic mulches, as well as some dry landscape materials.~~

~~— 2. All xeriscape design and installation shall be completed by a professional landscape designer and installer certified in the design and installation of xeriscape. (Ord. 12-15, 7-11-2012)~~

13.25.030: TREE STEWARDSHIP:

A. Purpose: The city prides itself on its many areas of public and private landscapes, both natural and enhanced, and recognizes the importance of trees within the community. It is declared to be a policy of the city that:

1. City property will be landscaped to enhance the natural beauty of the city.

2. Responsibilities of city departments be coordinated to encourage quality landscaping.
3. Landscaped city properties be effectively managed.
4. The city plant species of trees that are aesthetically pleasing, require less maintenance (so as to prevent damage to sidewalks and streets and reduce risks to pedestrians and motorists), work with utilities, and conserve natural resources.
5. The street environment be made hospitable through landscaping.
6. Residents of the city be encouraged to participate in beautification efforts through installing and maintaining quality trees and landscaping on private property.

To fulfill this policy, this section is enacted and intended to establish a tree stewardship ordinance. This section may be referred to as the *TREE STEWARDSHIP ORDINANCE*.

B. Urban Forester: The city shall designate a qualified person or entity as the city's urban forester, who shall:

1. Be responsible for the long term management, health, maintenance, inventory, planting, and design of city trees in cooperation with the director.
2. Foster and maintain partnerships between public and private parties for the benefit of trees.
3. Facilitate communication, coordination, cooperation, and education for the stewardship of city and private trees.
4. Keep abreast of new information and research in arboriculture.
5. Train and supervise city crews or contract providers so the best methods of tree care are practiced in the community.
6. Work with engineers, architects, and the community development department during the design phase of development.

C. Citizen Responsibilities: Citizens/property owners, occupants, and their agents shall have the following responsibilities for the protection of trees in park strips abutting their real property except in those park strips that are maintained by the city.

1. Periodic watering and fertilization of city trees as necessary to maintain good health and vigor.
2. Protect city trees in park strips from damage caused by lawn mowers, weed trimmers, snowblowers, and similar equipment.
3. Protect city trees in park strips from damage caused by attachment of any items such as signs, nails, wires, ropes, and chains.
4. The species of trees planted in the park strips should comply with the city street tree guide or otherwise approved by the director.
5. Remove private trees or limbs that have fallen upon a city street, property, or sidewalk.
6. Maintain ground covers except in those park strips maintained by the city.

7. Notify the city of any hazard tree.
8. Raking, cleanup, and properly disposing of leaves that fall from city and private trees so leaf fall does not impede the stormwater system.
9. The city shall have no liability for the failure of any tree or landscaping installed by private parties on other than city maintained property.

D. City Responsibilities: The city shall assume responsibility for:

1. Tree care in city owned and operated parks, on the grounds of city buildings, and in park strips that the city administration has designated will be maintained by the city.
2. Pruning of city trees, as necessary, after appropriate notification to property owners.
3. Pruning of city trees in the public rights of way and utility easements.
4. Removal of diseased or dying city trees that are beyond reclamation.
5. Removal of city trees and/or limbs that the city determines to be a hazard after appropriate notification.
6. Maintenance of planted areas on city property and specifically designated city rights of way.

E. Responsibility For Correcting Private Hazard Trees: Where a hazard tree exists upon private property, the property owner and all other persons having control of the property on which such hazard tree exists shall be responsible to mitigate, abate, remove, or correct the hazard. Any tree that is a hazard tree is a public nuisance.

1. It is unlawful for any person, firm, or corporation, either as owner, agent, or occupant, to create, aid in creating, or maintain a hazard tree.
2. If the city determines that a particular tree is a hazard tree, the city may give a written notice to the owner, occupant, or agent of any lot, building, or premises in or upon which a hazard tree is found, or to the person who may be the cause of such hazard tree to remove, mitigate, abate, or correct the hazard, including its recommendation as to the most effective method of doing so.
3. Notice under this section may be served by personal service or by mailing the notice to the person, firm, or corporation by certified mail (return receipt requested), and posting a copy on the property a minimum of twenty eight (28) calendar days in advance of further action.
4. If the hazard tree is not mitigated, abated, removed, or corrected within twenty eight (28) additional calendar days after the notice is complete, the city may mitigate, abate, correct, or remove the hazard tree at the expense of such person, firm, or corporation or may take further action as determined.
5. The city may recover the costs and expenses incurred in mitigating, abating, correcting, or removing the hazard tree, serving notice, and the costs of a lawsuit, if any.
6. If the person, firm, or corporation disputes or denies the city's determination that the tree is a hazard tree or refuses to remove or permit removal, the city may bring an action to abate the hazard tree as a public nuisance. If the city is granted a judgment, the city may recover the costs of having the public nuisance abated.

7. The city, its agents, or employees, if acting in good faith, incur no liability for causing removal of a hazard tree.

8. Notice of appeal of the city's determination that a tree is a hazard tree may be filed with the city recorder within ten (10) days of service of the notice to abate. Appeals of the urban forester's decisions shall be heard by the mayor or his designee within fifteen (15) days of receipt of the appeal, which decision is final.

F. Protection Of City Trees:

1. It shall be unlawful for any person to do any of the following:

a. Construct a concrete, asphalt, brick, or gravel sidewalk within eighteen inches (18") of a city tree that damages any part (roots, crown, trunk) of the tree so as to cause injury or death to the tree.

b. Fill up the ground area around any city tree so as to shut off air, light, or water from its roots.

c. Pile building material, equipment, or other substance on or near a city tree so as to cause injury to the tree.

d. Pour or spray any injurious matter on or around a city tree.

e. Injure any city tree, tree stake, or guard with any vehicle or animal, or in any other manner causing injury to any city tree, shrub, ground cover, or lawn.

f. Post any sign, tree stake, or guard, or by fastening any guywire, cable, or rope to any city tree, tree stake, or guard.

g. Prune trees for commercial exposure.

2. Any person doing construction, excavation, or demolition work in the near vicinity of a city tree shall protect the tree from injury or damage with a substantial protective barrier. Said barrier shall not be less than four feet (4') high and have a two foot (2') radius or to a distance in feet from the tree equal to the diameter of the tree trunk in inches measured four and one-half feet (4¹/₂') aboveground, whichever is greater. All building materials, extra dirt, or other debris shall be kept outside the barrier. The city engineer must be consulted about any deviation to this standard.

3. No person shall use a city tree for any unauthorized purpose.

G. Trees Planted In Park Strips: Trees planted in park strips or other public rights of way should be in conformance with the streetscape plan.

H. Interference With Service: It shall be unlawful for any person to interfere with city personnel or city contractors under the direction of the city's designee in the performance of their duties.

I. Preservation Of Trees During Development: Tree surveys must identify both city and private trees or groves of trees of at least two inch (2") caliper and shall indicate which, if any, may be preserved or relocated. Where practically possible, site designs should be modified to accommodate significant tree cover. Proper care should be taken during the construction phase to protect tree root zones from compaction and excessive excavation. Clear cutting an area of trees on a site will not be allowed unless determined appropriate by the director.

J. Violation And Penalty: Any person who violates any provision of this chapter shall be guilty of an infraction. In addition to other remedies provided for herein or otherwise provided by law, if the violation of any provision of this chapter causes the injury, mutilation, or death of a tree, shrub, or other plant located on city owned or maintained property, the violating party shall pay the cost of repair or replacement of such tree, shrub, or other plant. The replacement value of trees and/or shrubs shall be determined in accordance with the latest edition of the "Guide For Plant Appraisal" as published by the International Society Of Arboriculture. The city may pursue criminal or civil actions against any person or entity who violates this chapter as is deemed appropriate, including abatement or injunctive relief. (Ord. 12-15, 7-11-2012)

13.25.040: WATER EFFICIENT LANDSCAPING:

~~—A. Purpose: The city finds that it is in the public's interest to conserve public water resources and promote water efficient landscaping. The purpose of this section is to protect and enhance the community's environmental, economic, recreational, and aesthetic resources by promoting efficient use of water in the community's landscapes, reduce water waste, and establish a structure for designing, installing, and maintaining water efficient landscapes throughout the city.~~

~~—B. Commercial, Industrial, And Multi-Family Development:~~

~~—1. Applicability: The provisions of this subsection B shall apply to landscaping for all new and reconstructed landscaping for public agency projects, private commercial and industrial projects, developer installed landscaping in multi-family residential projects, and developer installed landscaping in single-family projects that required project review and approval by the city. Such review includes site plan review, modified conditional use permit review, and building permits issued for exterior modifications to commercial and multi-family buildings. This subsection B does not apply to homeowner provided landscaping at single-family projects nor registered historical sites.~~

~~—2. Documentation To Be Submitted For Plan Approval: A landscape plan documentation package shall be submitted to and approved by the director prior to the issuance of any permit. A copy of the approved landscape plan documentation package shall be provided to the property owner or site manager and to the local retail water purveyor. The landscape plan documentation package shall be prepared by a registered landscape architect or a landscape designer. The irrigation plan shall be prepared by an irrigation designer or a landscape architect. The landscape plan documentation package shall consist of the following items:~~

~~—a. Project Data Sheet: The project data sheet shall contain the following:~~

~~— Project name and address;~~

~~— Applicant or applicant's agent's name, address, phone, e-mail, and fax number;~~

~~— Landscape designer/landscape architect's name, address, phone, e-mail, and fax number; and~~

~~— Landscape contractor's name, address, phone, e-mail and fax number.~~

~~—b. Planting Plan: A detailed planting plan shall be drawn at a scale that clearly identifies the following:~~

~~— Location of all plant materials, a legend with botanical and common names, and size of plant materials;~~

~~— Property lines and street names;~~

Existing and proposed buildings, walls, fences, light poles, utilities, paved areas, and other site improvements;

Existing trees and plant materials to be removed or retained; and

Designation of landscape zones.

c. Irrigation Plan: A detailed irrigation plan shall be drawn at the same scale as the planting plan and shall contain the following information:

Layout of the irrigation system and a legend summarizing the type and size of all components of the system, including manufacturer name and model numbers;

Static water pressure in pounds per square inch (psi) at the point of connection to the public water supply; and

Flow rate in gallons per minute and design operating pressure in psi for each valve and precipitation rate in inches per hour for each valve with sprinklers.

d. Grading Plan: A grading plan shall be drawn at the same scale as the planting plan and shall contain the following information:

Property lines and street names, existing and proposed buildings, easements, walls, fences, utilities, paved areas, and other site improvements; and

Existing and finished contour lines and spot elevations as necessary for the proposed site improvements.

e. Soils Report: A soils report will be required where irrigated landscaped areas consisting of grass or similar turf exceed thirty three percent (33%) of the overall landscaped area. The soils report shall describe the depth, composition, and bulk density of the topsoil and subsoil at the site and shall include recommendations for soil amendments. The planting plan shall incorporate the recommendations of the soils report into the planting specifications.

f. Irrigation Schedule: A monthly irrigation schedule shall be prepared that covers the initial ninety (90) day plant establishment period and the typical long term use period. This schedule shall consist of a table with the following information for each valve:

Plant type, e.g., turf, trees, low water use plants;

Irrigation type, e.g., sprinklers, drip, bubblers;

Flow rate in gallons per minute;

Precipitation rate in inches per hour (sprinklers only);

Run times in minutes per day;

Number of water days per week; and

Cycle time to avoid runoff.

3. Landscape Design Standards:

~~— a. Plant Selection: Plants selected for landscape zones shall consist of plants that are well suited to the microclimate and soil conditions at the project site. Plants with similar water needs shall be grouped together as much as possible in landscape zones.~~

~~— For projects located at the interface between urban areas and natural open space (nonirrigated), extra drought tolerant plants shall be selected that will blend with the native vegetation and are fire resistant or fire retardant. Plants with low fuel volume or high moisture content shall be emphasized. Plants that tend to accumulate excessive amounts of dead wood or debris shall be avoided.~~

~~— Areas with slopes greater than thirty percent (30%) shall be landscaped with deep rooting water conserving plants for erosion control and soil stabilization. Irrigation devices are limited to drip emitters, bubblers, or sprinklers with a maximum precipitation rate not to exceed 0.85 inch per hour.~~

~~— Park strips and other landscaped areas less than eight feet (8') wide shall be landscaped with water conserving plants and/or grass.~~

~~— b. Mulch: After completion of all plantings, all irrigated nonturf areas shall be covered with a minimum layer of four inches (4") of mulch to retain water, inhibit weed growth, and moderate soil temperature. Nonporous material shall not be placed under the mulch.~~

~~— c. Soil Preparation: Soil preparation shall be suitable to provide healthy growing conditions for the plants and to encourage water infiltration and penetration. Soil preparation shall include scarifying the soil to a minimum depth of six inches (6") and amending the soil with organic material as per specific recommendations of the landscape designer/landscape architect based on the soils report.~~

~~— 4. Irrigation Design Standards:~~

~~— a. Standards: Irrigation design standards for this title shall be as outlined in the latest version of the water retailer's standards. In addition, the following portions of this section shall also be applicable.~~

~~— b. Pressure Regulation: If using a dedicated water meter for irrigation, a pressure regulating valve shall be installed and maintained by the consumer if the static service pressure exceeds eighty (80) pounds per square inch (psi). The pressure regulating valve shall be located between the landscape water meter and the first point of water use, or first point of division in the pipe and shall be set at the manufacturer's recommended pressure for sprinklers.~~

~~— c. Automatic Controller: All irrigation systems shall include an electric automatic controller with multiple program and multiple repeat cycle capabilities and a flexible calendar program. All controllers shall be equipped with an automatic rain shutoff device.~~

~~— d. Slopes: On slopes exceeding thirty percent (30%), the irrigation system shall consist of drip emitters, bubblers, or sprinklers with a maximum precipitation rate of 0.85 inch per hour and adjusted sprinkler cycle to eliminate runoff.~~

~~— e. Similar Conditions: Each valve shall irrigate a landscape zone with similar site, slope and soil conditions, and plant materials with similar watering needs. Turf and nonturf areas shall be irrigated on separate valve(s).~~

~~— f. Drip Emitters And Bubblers: Drip emitters or a bubbler shall be provided for each tree, where practicable. Bubblers shall not exceed 1.5 gallons per minute per device. Bubblers for~~

~~trees shall be placed on a separate valve unless specifically exempted by the public utilities department due to the limited number of trees on the project site.~~

~~—g. Matched Precipitation Rates: Sprinklers shall have matched precipitation rates with each control valve circuit.~~

~~—h. Elevation Differences: Check valves shall be required where elevation differences will cause low head drainage. Pressure compensating valves and sprinklers shall be required where a significant variation in water pressure will occur within the irrigation system due to elevation differences.~~

~~—i. Underground Placement: Drip irrigation lines shall be placed underground or otherwise permanently covered, except for drip emitters and where approved as a temporary installation. Filters and end flush valves shall be provided as necessary.~~

~~—j. Irrigation Times: Irrigation zones with overhead spray or stream sprinklers, except drip or bubbler zones, shall be designed to operate between six o'clock (6:00) P.M. and ten o'clock (10:00) A.M. to reduce water loss from wind and evaporation.~~

~~—k. Program Valves: Program valves for multiple repeat cycles where necessary to reduce runoff, particularly slopes and soils with slow infiltration rates.~~

~~—5. Plan Review, Construction Inspection, And Postconstruction Monitoring:~~

~~—a. As part of the site plan approval and building permit process, a copy of the landscape plan documentation package shall be submitted to the city for review and approval before construction begins. With the landscape plan documentation package, a copy of the landscape water allowance worksheet shall be completed by a landscape designer and submitted to the city.~~

~~—b. All landscape plan documentation packages submitted must be certified by a licensed landscape architect or an approved landscape designer. The irrigation plan must be prepared by an approved irrigation designer or a landscape architect.~~

~~—c. All landscape irrigation systems shall be installed by an irrigation contractor. The person representing the contracting firm shall be a full time employee of the firm and shall be directly involved with the project including at least weekly site visits during construction.~~

~~—d. All installers, designers, and auditors shall meet state and local license, insurance, and bonding requirements and be able to show proof of such upon demand.~~

~~—e. During construction, site inspection of the landscaping may be performed by the city.~~

~~—f. Following construction and prior to the release of the bond guarantee posted for the project, an inspection shall be scheduled with the city to verify compliance with the approved landscape and irrigation plans. A certificate of substantial completion as defined in the city specifications shall be completed by the property owner, contractor, or landscape designer/landscape architect and submitted to the city.~~

~~—C. Residential (Single Family) Development:~~

~~—1. The provisions of this subsection C apply to landscaping for all new and reconstructed landscaping for single family residential dwellings. This subsection C does not apply to residential developments with developer installed landscapes nor registered historical sites.~~

~~— 2. Provisions For New Or Reconstructed Landscapes: A copy of the landscape education package shall be given to all new single-family homeowners by the city at the time of application for a building permit and all new or modified water account owners. The landscape education package shall consist of the following items:~~

~~— a. Principals of water efficient landscape design;~~

~~— b. List of water conserving plants;~~

~~— c. List of certified landscape designers, certified irrigation system designers and suppliers, and certified landscape irrigation contractors; and~~

~~— d. Information packet about the various area demonstration gardens. (Ord. 12-15, 7-11-2012)~~

CHAPTER 13.36 DEFINITIONS

13.36.020: "A" DEFINITIONS:

Active Recreation Areas: Areas of the landscape dedicated to active play where lawn is typically used as the playing surface (ex. sports fields and play areas).

13.36.090: "H" DEFINITIONS:

HARDSCAPE: Patios, decks, and paths; does not include driveways, parking lots, and sidewalks. Durable landscape materials, such as concrete, wood, pavers, stone, or compacted inorganic mulch.

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

13.36.130: "L" DEFINITIONS:

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

Lawn: Ground that is covered with grass or turf that is regularly mowed.

13.36.170: "P" DEFINITIONS:

Planting Bed: Areas of the landscape that consist of plants, such as trees, ornamental grasses, shrubs, perennials, and other regionally appropriate plants.

13.36.210: "T" DEFINITIONS:

Total Landscaped Area: Improved areas of the property that incorporate all of the completed features of the landscape. The landscape area does not include footprints of buildings or structures, sidewalks, driveways, and other non-irrigated areas intentionally left undeveloped.

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF MEMBER AGENCY WATER EFFICIENCY STANDARDS
FUNDING AGREEMENT WITH THE CITY OF SOUTH JORDAN**

July 12, 2023

Account Number: Conservation Programs - 5670

Budgeted: Yes

Fund: O & M

Grant Amount (JVWCD'S Portion)	Funding Eligibility
\$68,000	\$68,000

Summary:

The City of South Jordan proposes to continue supporting a position in the planning department for duties associated with the Water Efficiency Standards. The specific duties for the position will include reviewing landscaping plans, working with builders for residential landscapes, inspecting completed landscapes, verifying code compliance with Water Efficiency Standards, documenting compliance, and coordination of commercial landscape projects.

MEMBER AGENCY WATER EFFICIENCY STANDARDS FUNDING AGREEMENT

This Agreement is made and entered into as of July 1, 2023 (the “Effective Date”), by and between the Jordan Valley Water Conservancy District, a Utah special district (“District”), and the City of South Jordan, a municipality organized under the laws of the State of Utah (“Member Agency”).

RECITALS:

- A. The District desires to provide funding assistance to the Member Agency for additional costs relating to adopting the District’s Water Efficiency Standards (collectively, the “Standards”), as set forth in attached Exhibit A (the “Grant”);
- B. The Member Agency wishes to obtain funding assistance from the District and represents that it has met the eligibility requirements; and,
- C. The Member Agency has submitted to the District a proposal outlining the Grant request, and the District is willing to provide funding assistance, consistent with the terms of this Agreement.

TERMS:

The parties agree as follows:

1. Grant Description. A description of the Grant requested by the Member Agency is set forth in attached Exhibit A.
2. Grant Schedule. The Grant shall be fulfilled by the Member Agency in accordance with the schedule set forth in attached Exhibit B, notwithstanding any other provision or Exhibit of this Agreement to the contrary.

3. Grant Administration and Correspondence.

(a) The person designated to administer the Grant and to act as the chief contact for the Member Agency is:

Connor Oswald, Water Conservation Coordinator
City of South Jordan
1600 West Towne Center Drive
South Jordan, Utah 84095

(b) The person designated to represent the District in connection with this Agreement is:

Courtney Brown, Conservation Programs Manager
Jordan Valley Water Conservancy District
8275 South 1300 West
West Jordan, Utah 84088

4. Eligibility for Grant. The Member Agency represents it has:

(a) Adopted, by formal resolution, the District's Standards, as set forth in Appendix D of the Rules and Regulations for Wholesale Water Service ("Standards"); and,

(b) Demonstrated that the requested Grant is the result of adopting the Standards.

5. Member Agency Responsibilities and Ownership.

(a) The Member Agency and/or its representatives shall provide all labor, services, supplies, and materials to fulfill the Grant, including but not limited to administration, promotion, marketing, management, data collection, analysis, and reporting.

(b) All materials and supplies necessary to fulfill the Grant shall be the exclusive property of the Member Agency. The District shall have no ownership, right,

title, security interest, or other interest in any Grant facilities, materials, or supplies, nor in any rights, duties, or responsibilities for operation or maintenance thereof.

(c) The Member Agency shall comply with all applicable federal, state, and local requirements to fulfill the Grant.

(d) The Member Agency shall be solely responsible for the performance of its staff and/or representatives in complying with the terms of this Agreement, and for the proper allocation of funds received from the District.

(e) The Member Agency shall timely prepare and submit invoices and reports to the District as further described herein.

6. Cost Estimate and Funding.

(a) The funds to be provided by the District to the Member Agency shall not exceed Sixty-Eight Thousand and 00/100 Dollars (\$68,000.00).

(b) The costs for the Grant to be paid by the District are set forth in attached Exhibit A. All costs greater than those shown in Exhibit A, if any, shall be paid by the Member Agency.

7. Invoicing Requirements.

(a) The Member Agency shall invoice the District on a quarterly basis pursuant to the following schedule:

QUARTERLY BILLING PERIOD	INVOICE DUE DATE
January 1-March 31	April 20
April 1-June 30	July 20
July 1-September 30	October 20
October 1-December 31	January 20

(b) Invoices shall be sufficiently detailed to allow for review and approval by the District and each shall include the following: a cover letter indicating the

billing period; a detailed breakdown of the costs submitted for reimbursement, including man hours and billing rates; documentation supporting the invoice, such as invoices for supplies, consulting services, etc.; and, an accounting of the amount(s) previously invoiced with respect to the total funding amount provided under this Agreement. The final invoice for the Grant, or a component of the Grant, shall provide information and documentation sufficient to demonstrate that it has been completed in accordance with the requirements and conditions of this Agreement.

8. Periodic Meetings. The District, at its discretion, may request periodically a meeting for review of the Member Agency's progress toward fulfillment of the Grant.

9. Reporting Requirements.

(a) Beginning with 2023, and for five (5) consecutive years following fulfillment of the Grant, the Member Agency shall provide to the District an annual calculation of per capita water use within its retail service area. The calculation shall include an estimate of the population served and the volume of water delivered. This information shall be provided to the District by February 15 following the specific calendar year for which the report is made.

(b) If records are available, the Member Agency shall provide to the District, on or before July 1, 2024, the information requested in subparagraph 9(a) for each calendar year between 2000 and 2023.

(c) The provisions of this paragraph 9 shall survive expiration or termination of the term of the Agreement.

10. Term. The term of this Agreement shall commence on the Effective Date, and it shall expire without further notice or condition on June 30, 2024, except all

reporting obligations required by this Agreement shall survive its expiration or earlier termination for five (5) consecutive years.

11. Termination. Either party may terminate this Agreement upon sixty (60) days written notice to the other party.

12. Indemnification. The Member Agency shall indemnify, hold harmless, and defend the District, its Trustees, officers, employees, and agents against any claim or asserted liability arising out of the Member Agency's actions, either willful or negligent, or the actions of the Member Agency's officers, employees, or agents, in providing labor, services, supplies, and materials pursuant to this Agreement, including any losses related to any claim made, whether or not court action is filed, and will include attorney fees and administrative and overhead costs related to, or arising out of, such claim or asserted liability.

13. Notices. All notices, requests, demands, and other communications required or allowed by this Agreement shall be in writing and shall be given by personal delivery or by certified mail, with return receipt requested, to the following addresses or to such other addresses as the parties may designate in writing:

If to District, to:

Jordan Valley Water Conservancy District
Attn: General Manager
8215 South 1300 West
West Jordan, Utah 84088

If to Member Agency, to:

City of South Jordan
Attn: Water Conservation Coordinator
1600 West Towne Center Drive
South Jordan, Utah 84095

Notice shall be effective on the date it is received by the other party.

14. Amendment. This Agreement may be amended only by written instrument signed by both parties.

15. Binding Nature. All of the grants, covenants, terms, provision, and conditions in this Agreement shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties.

16. Assignment. The Member Agency shall not assign this Agreement or any of its rights under this Agreement without the prior written consent of the District. The District may assign this Agreement and/or any of its rights under this Agreement.

17. Whole Agreement. This Agreement, including exhibits, constitutes the entire agreement of the parties and supersedes all prior understandings, representations, or agreement of the parties regarding the subject matter in this document.

18. Authorization. The Member Agency represents and warrants that it has authority to enter into this Agreement. In addition, each individual executing this Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Agreement in the capacity and for the entities shown.

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

[SIGNATURE PAGE FOLLOWS]

“District”:

Jordan Valley Water Conservancy District

Dated: _____

By: _____

Corey L. Rushton
Its Chair, Board of Trustees

Address: 8215 South 1300 West
West Jordan, Utah 84088

ATTEST:

Alan E. Packard
Clerk

“Member Agency”:

City of South Jordan

Dated: _____

By: _____

Its: _____

Address: 1600 West Towne Center Drive
South Jordan, Utah 84095

ATTEST:

EXHIBIT A

GRANT DESCRIPTION

City of South Jordan Water Efficiency Standards Grant

Description:

The City of South Jordan proposes to continue using a staff position in the planning department for duties associated with the Water Efficiency Standards. It is anticipated that all of the duties will be directly associated with the Water Efficiency Standards. The specific duties for the position will include reviewing landscaping plans, working with builders for residential landscapes, inspecting completed landscapes, verifying code compliance with Water Efficiency Standards, documenting compliance, and coordination of commercial landscape projects.

Grant Eligibility for Fiscal Year 2023/2024:

- Maximum Eligibility Amount: \$68,000 (\$50,000 + \$18,000)

Grant Estimate:

- Estimated Grant Amount: \$68,000
 - \$68,332 (total annual compensation)
 - Annual Training: \$1,500 (includes multiple certifications)
 - Equipment: \$38,000 (cost for a fully equipped vehicle)
 - Total Cost: \$107,832

EXHIBIT B
GRANT SCHEDULE

Grant Schedule for Implementation:

- July 1, 2023 – Begin grant period, continue current job functions
- June 30, 2024 – End of grant period

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF A WATER CONSERVATION FUNDING AGREEMENT
WITH CITY OF SOUTH JORDAN**

July 12, 2023

Account Number: Conservation Programs - 5670
 Budgeted: Yes
 Fund: O & M

Grant Request (JVWCD Portion)	Member Agency Contribution	Total
\$68,000	\$17,000	\$85,000

Summary:

The City of South Jordan is seeking grant funding assistance from JVWCD for the following purposes:

Toilet Rebate Program

The City will provide a rebate of \$100 to residents who replace their pre-1992 toilet with a new High Efficiency Toilet (HET) which uses 1.28 gallons or less per flush. This ongoing program will be advertised through social media, the city’s conservation website, mailers, and the water bill. A rebate form will be made available to residents.

Indoor Water Fixtures Rebate Program

The City will provide a rebate of up to \$100 for residents who purchase and install faucets and showerheads with the WaterSense logo. Only residents with homes built prior to 2005 will be eligible for the rebate. Requirements also include a rebate application, receipt, and pictures. City staff will verify proper installation.

Turf Conversion Rebate Program

The City will provide various landscape rebates including rock mulch delivery, drip irrigation kits, waterwise plant rebates, curbing rebates, and concrete/hardscape rebates. To help accomplish this, JVWCD will provide the City with a rebate of \$1.00 per square foot of turf removed and replaced with waterwise landscaping (up to 61,600 square feet during the grant cycle). City staff will administer the rebate programs, document the projects, and provide square footage to JVWCD for each project. To be eligible, projects must replace lawn with mulch and plants watered with drip irrigation or with hardscape. City staff will verify proper installation.

MEMBER AGENCY WATER CONSERVATION FUNDING AGREEMENT

This Agreement is made and entered into as of July 1, 2023 (the “Effective Date”), by and between the Jordan Valley Water Conservancy District, a Utah special district (“District”), and the City of South Jordan, a municipality organized under the laws of the State of Utah (“Member Agency”).

RECITALS:

- A. The District desires to provide funding assistance to the Member Agency for a water conservation project within the Member Agency’s retail service area relating to rebate programs (the “Project”);
- B. The Member Agency wishes to obtain funding assistance from the District and represents that it has met the eligibility requirements; and,
- C. The Member Agency has submitted to the District a proposal outlining the Project and requesting funding assistance, and the District is willing to provide funding assistance, consistent with the terms of this Agreement.

TERMS:

The parties agree as follows:

1. Project Description. A description of the Project to be completed by the Member Agency is set forth in attached Exhibit A.
2. Project Schedule. The Project shall be completed by the Member Agency in accordance with the schedule set forth in attached Exhibit A, notwithstanding any other provision or Exhibit of this Agreement to the contrary.

3. Project Administration and Correspondence.

(a) The person designated to administer the Project and to act as the chief contact for the Member Agency is:

Connor Oswald, Water Conservation Coordinator
City of South Jordan
1600 West Towne Center Drive
South Jordan, Utah 84095

(b) The person designated to represent the District in connection with this Agreement is:

Courtney Brown, Conservation Programs Manager
Jordan Valley Water Conservancy District
8275 South 1300 West
West Jordan, Utah 84088

4. Eligibility for Project Funding. The Member Agency represents it has:

(a) Adopted, by formal resolution, a water conservation goal of reducing per capita water use in its service area by at least twenty-five percent (25%) by year 2025, using year 2000 as a baseline year for comparison purposes; and,

(b) Complied with the Utah Water Conservation Plan Act, Utah Code Ann. § 73-10-32, and has filed a water conservation plan with the State of Utah, Division of Water Resources.

5. Member Agency Responsibilities and Ownership.

(a) The Member Agency and/or its representatives shall provide all labor, services, supplies, and materials to implement and complete the Project, including but not limited to administration, promotion, marketing, management, data collection, analysis, and reporting.

(b) All materials and supplies necessary to implement and complete the Project shall be the exclusive property of the Member Agency. The District shall have no ownership, right, title, security interest, or other interest in any Project facilities, materials, or supplies, nor in any rights, duties, or responsibilities for operation or maintenance thereof.

(c) The Member Agency shall comply with all applicable federal, state, and local requirements to implement and complete the Project.

(d) The Member Agency shall be solely responsible for the performance of its staff and/or representatives in complying with the terms of this Agreement, and for the proper allocation of funds received from the District for implementing and completing the Project.

(e) The Member Agency shall timely prepare and submit invoices and reports to the District as further described herein.

(f) The Member Agency shall timely pay its share of the costs of the Project.

6. Cost Estimate and Funding.

(a) The funds to be provided by the District to the Member Agency shall not exceed Sixty-Eight Thousand and 00/100 Dollars (\$68,000.00).

(b) The costs for the Project to be paid by the District and by the Member Agency are set forth in attached Exhibit A. All costs greater than those shown in Exhibit A, which are necessary to implement and complete the Project pursuant to this Agreement, if any, shall be paid by the Member Agency. The Member Agency shall pay no less than twenty percent (20%) of the total cost of the Project.

7. Invoicing Requirements.

(a) The Member Agency shall invoice the District on a quarterly basis pursuant to the following schedule:

QUARTERLY BILLING PERIOD	INVOICE DUE DATE
January 1-March 31	April 20
April 1-June 30	July 20
July 1-September 30	October 20
October 1-December 31	January 20

(b) Invoices shall be sufficiently detailed to allow for review and approval by the District and each shall include the following: a cover letter indicating the billing period; a detailed breakdown of the costs submitted for reimbursement, including man hours and billing rates; documentation supporting the invoice, such as invoices for supplies, consulting services, etc.; and, an accounting of the amount(s) previously invoiced with respect to the total funding amount provided under this Agreement. The final invoice for the Project, or a component of the Project, shall provide information and documentation sufficient to demonstrate that it has been completed in accordance with the requirements and conditions of this Agreement.

8. Periodic Meetings. The District, at its discretion, may request periodically a meeting for review of the Member Agency's progress toward implementation and completion of the Project, including an initial meeting prior to commencement of the Project.

9. Reporting Requirements.

(a) Beginning with 2023, and for five (5) consecutive years following completion of the Project, the Member Agency shall provide to the District an annual calculation of per capita water use within its retail service area. The calculation shall

include an estimate of the population served and the volume of water delivered. This information shall be provided to the District by February 15 following the specific calendar year for which the report is made.

(b) If records are available, the Member Agency shall provide to the District, on or before July 1, 2024, the information requested in subparagraph 9(a) for each calendar year between 2000 and 2023.

(c) Within forty-five (45) days following termination of this Agreement and prior to final payment, the Member Agency shall submit to the District a final, written report, including a summary of the Project; problems/challenges encountered; customer responses; Project benefits; a breakdown of final Project costs; and, an evaluation regarding the effectiveness of the Project.

(d) If a retail customer of the Member Agency receives and installs a water-conserving device, fixture, or equipment as part of the Project, the Member Agency shall provide to the District the customer's water use information for three (3) full years prior to and following installation of the device, fixture, or equipment.

(e) The provisions of this paragraph 9 shall survive expiration or termination of the term of the Agreement.

10. Term. The term of this Agreement shall commence on the Effective Date, and it shall expire without further notice or condition on June 30, 2024, except all reporting obligations required by this Agreement shall survive its expiration or earlier termination for five (5) consecutive years.

11. Termination. Either party may terminate this Agreement upon sixty (60) days written notice to the other party.

12. Indemnification. The Member Agency shall indemnify, hold harmless, and defend the District, its Trustees, officers, employees, and agents against any claim or asserted liability arising out of the Member Agency's actions, either willful or negligent, or the actions of the Member Agency's officers, employees, or agents, in providing labor, services, supplies, and materials pursuant to this Agreement, including any losses related to any claim made, whether or not court action is filed, and will include attorney fees and administrative and overhead costs related to, or arising out of, such claim or asserted liability.

13. Notices. All notices, requests, demands, and other communications required or allowed by this Agreement shall be in writing and shall be given by personal delivery or by certified mail, with return receipt requested, to the following addresses or to such other addresses as the parties may designate in writing:

If to District, to:

Jordan Valley Water Conservancy District
Attn: General Manager
8215 South 1300 West
West Jordan, Utah 84088

If to Member Agency, to:

City of South Jordan
Attn: Water Conservation Coordinator
1600 West Towne Center Drive
South Jordan, Utah 84095

Notice shall be effective on the date it is received by the other party.

14. Amendment. This Agreement may be amended only by written instrument signed by both parties.

15. Binding Nature. All of the grants, covenants, terms, provision, and conditions in this Agreement shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties.

16. Assignment. The Member Agency shall not assign this Agreement or any of its rights under this Agreement without the prior written consent of the District. The District may assign this Agreement and/or any of its rights under this Agreement.

17. Whole Agreement. This Agreement, including exhibits, constitutes the entire agreement of the parties and supersedes all prior understandings, representations, or agreement of the parties regarding the subject matter in this document.

18. Authorization. The Member Agency represents and warrants that it has authority to enter into this Agreement. In addition, each individual executing this Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Agreement in the capacity and for the entities shown.

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

[SIGNATURE PAGE FOLLOWS]

“District”:

Jordan Valley Water Conservancy District

Dated: _____

By: _____

Corey L. Rushton
Its Chair, Board of Trustees

Address: 8215 South 1300 West
West Jordan, Utah 84088

ATTEST:

Alan E. Packard
Clerk

“Member Agency”:

City of South Jordan

Dated: _____

By: _____

Its: _____

Address: 1600 West Towne Center Drive
South Jordan, Utah 84095

ATTEST:

EXHIBIT A

PROJECT DESCRIPTION AND SCHEDULE

Measure 1: Toilet Rebate Program

Description: South Jordan will provide a rebate of \$100 to residents who replace their pre-1992 toilet with a new High Efficiency Toilet (HET) which uses 1.28 gallons or less per flush. This ongoing program will be advertised through social media, the city's conservation website, mailers, and the water bill. A rebate form will be made available to residents.

Funding Tier: Tier 1

Schedule for Implementation: Ongoing from July 1, 2023 – June 30, 2024

Cost:

- JVVCD 80%: \$4,000
- South Jordan 20%: \$1,000
- Total: \$5,000

Measure 2: Indoor Water Fixtures Rebate Program

Description: South Jordan will provide a rebate of up to \$100 for residents who purchase and install faucets and showerheads with the WaterSense logo. Only residents with homes built prior to 2005 will be eligible for the rebate. Requirements also include a rebate application, receipt, and pictures. City staff will verify proper installation.

Funding Tier: Tier 1

Schedule for Implementation: Ongoing from July 1, 2023 – June 30, 2024

Cost:

- JVVCD 80%: \$2,400
- South Jordan 20%: \$600
- Total: \$3,000

Measure 3: Turf Conversion Rebate Program

Description: South Jordan will provide various landscape rebates including rock mulch delivery, drip irrigation kits, waterwise plant rebates, curbing rebates, and concrete/hardscape rebates. To help accomplish this, JVVCD will provide the City with a rebate of \$1.00 per square foot of turf removed and replaced with waterwise landscaping (up to 61,600 square feet during the grant cycle). City staff will administer the rebate programs, document each project, and provide square footage to JVVCD for each project. To be eligible, projects must replace lawn with mulch, and plants watered with drip irrigation. City staff will verify proper installation.

Funding Tier: Tier 1

Schedule for Implementation: Ongoing from July 1, 2023 – June 30, 2024

Cost:

- JVVCD 80%: \$61,600
- South Jordan 20%: \$15,400
- Total: \$77,000

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF MEMBER AGENCY WATER EFFICIENCY STANDARDS
FUNDING AGREEMENT WITH RIVERTON CITY**

July 12, 2023

Account Number: Conservation Programs - 5670

Budgeted: Yes

Fund: O & M

Grant Amount (JVWCD'S Portion)	Funding Eligibility
\$54,000	\$54,000

Summary:

Riverton City is seeking funding assistance for costs related to implementing the Water Efficiency Standards. This grant would help fund the full-time Water Conservation Specialist staff position that assists in ensuring compliance with the Water Efficiency Standards and oversees Riverton City's water conservation programs. The duties include landscape plan reviews, landscape inspections, conservation rebate programs, customer water audits, design support for all City landscape projects, public education, water supply and demand reports, and customer water audits. The proposed grant funding amount would be for fiscal year 2024 (July 1, 2023 to June 30, 2024).

MEMBER AGENCY WATER EFFICIENCY STANDARDS FUNDING AGREEMENT

This Agreement is made and entered into as of July 1, 2023 (the “Effective Date”), by and between the Jordan Valley Water Conservancy District, a Utah special district (“District”), and Riverton City, a municipality organized under the laws of the State of Utah (“Member Agency”).

RECITALS:

- A. The District desires to provide funding assistance to the Member Agency for additional costs relating to adopting the District’s Water Efficiency Standards (collectively, the “Standards”), as set forth in attached Exhibit A (the “Grant”);
- B. The Member Agency wishes to obtain funding assistance from the District and represents that it has met the eligibility requirements; and,
- C. The Member Agency has submitted to the District a proposal outlining the Grant request, and the District is willing to provide funding assistance, consistent with the terms of this Agreement.

TERMS:

The parties agree as follows:

- 1. Grant Description. A description of the Grant requested by the Member Agency is set forth in attached Exhibit A.
- 2. Grant Schedule. The Grant shall be fulfilled by the Member Agency in accordance with the schedule set forth in attached Exhibit B, notwithstanding any other provision or Exhibit of this Agreement to the contrary.

3. Grant Administration and Correspondence.

(a) The person designated to administer the Grant and to act as the chief contact for the Member Agency is:

Nathan Page, Public Works Controller
Riverton City
12830 South Redwood Road
Riverton, Utah 84065

(b) The person designated to represent the District in connection with this Agreement is:

Courtney Brown, Conservation Programs Manager
Jordan Valley Water Conservancy District
8275 South 1300 West
West Jordan, Utah 84088

4. Eligibility for Grant. The Member Agency represents it has:

(a) Adopted, by formal resolution, the District's Standards, as set forth in Appendix D of the Rules and Regulations for Wholesale Water Service ("Standards"); and,

(b) Demonstrated that the requested Grant is the result of adopting the Standards.

5. Member Agency Responsibilities and Ownership.

(a) The Member Agency and/or its representatives shall provide all labor, services, supplies, and materials to fulfill the Grant, including but not limited to administration, promotion, marketing, management, data collection, analysis, and reporting.

(b) All materials and supplies necessary to fulfill the Grant shall be the exclusive property of the Member Agency. The District shall have no ownership, right,

title, security interest, or other interest in any Grant facilities, materials, or supplies, nor in any rights, duties, or responsibilities for operation or maintenance thereof.

(c) The Member Agency shall comply with all applicable federal, state, and local requirements to fulfill the Grant.

(d) The Member Agency shall be solely responsible for the performance of its staff and/or representatives in complying with the terms of this Agreement, and for the proper allocation of funds received from the District.

(e) The Member Agency shall timely prepare and submit invoices and reports to the District as further described herein.

6. Cost Estimate and Funding.

(a) The funds to be provided by the District to the Member Agency shall not exceed Fifty-Four Thousand and 00/100 Dollars (\$54,000.00).

(b) The costs for the Grant to be paid by the District are set forth in attached Exhibit A. All costs greater than those shown in Exhibit A, if any, shall be paid by the Member Agency.

7. Invoicing Requirements.

(a) The Member Agency shall invoice the District on a quarterly basis pursuant to the following schedule:

QUARTERLY BILLING PERIOD	INVOICE DUE DATE
January 1-March 31	April 20
April 1-June 30	July 20
July 1-September 30	October 20
October 1-December 31	January 20

(b) Invoices shall be sufficiently detailed to allow for review and approval by the District and each shall include the following: a cover letter indicating the

billing period; a detailed breakdown of the costs submitted for reimbursement, including man hours and billing rates; documentation supporting the invoice, such as invoices for supplies, consulting services, etc.; and, an accounting of the amount(s) previously invoiced with respect to the total funding amount provided under this Agreement. The final invoice for the Grant, or a component of the Grant, shall provide information and documentation sufficient to demonstrate that it has been completed in accordance with the requirements and conditions of this Agreement.

8. Periodic Meetings. The District, at its discretion, may request periodically a meeting for review of the Member Agency's progress toward fulfillment of the Grant.

9. Reporting Requirements.

(a) Beginning with 2023, and for five (5) consecutive years following fulfillment of the Grant, the Member Agency shall provide to the District an annual calculation of per capita water use within its retail service area. The calculation shall include an estimate of the population served and the volume of water delivered. This information shall be provided to the District by February 15 following the specific calendar year for which the report is made.

(b) If records are available, the Member Agency shall provide to the District, on or before July 1, 2024, the information requested in subparagraph 9(a) for each calendar year between 2000 and 2023.

(c) The provisions of this paragraph 9 shall survive expiration or termination of the term of the Agreement.

10. Term. The term of this Agreement shall commence on the Effective Date, and it shall expire without further notice or condition on June 30, 2024, except all

reporting obligations required by this Agreement shall survive its expiration or earlier termination for five (5) consecutive years.

11. Termination. Either party may terminate this Agreement upon sixty (60) days written notice to the other party.

12. Indemnification. The Member Agency shall indemnify, hold harmless, and defend the District, its Trustees, officers, employees, and agents against any claim or asserted liability arising out of the Member Agency's actions, either willful or negligent, or the actions of the Member Agency's officers, employees, or agents, in providing labor, services, supplies, and materials pursuant to this Agreement, including any losses related to any claim made, whether or not court action is filed, and will include attorney fees and administrative and overhead costs related to, or arising out of, such claim or asserted liability.

13. Notices. All notices, requests, demands, and other communications required or allowed by this Agreement shall be in writing and shall be given by personal delivery or by certified mail, with return receipt requested, to the following addresses or to such other addresses as the parties may designate in writing:

If to District, to:

Jordan Valley Water Conservancy District
Attn: General Manager
8215 South 1300 West
West Jordan, Utah 84088

If to Member Agency, to:

Riverton City
Attn: Public Works Controller
12830 South Redwood Road
Riverton, Utah 84065

Notice shall be effective on the date it is received by the other party.

14. Amendment. This Agreement may be amended only by written instrument signed by both parties.

15. Binding Nature. All of the grants, covenants, terms, provision, and conditions in this Agreement shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties.

16. Assignment. The Member Agency shall not assign this Agreement or any of its rights under this Agreement without the prior written consent of the District. The District may assign this Agreement and/or any of its rights under this Agreement.

17. Whole Agreement. This Agreement, including exhibits, constitutes the entire agreement of the parties and supersedes all prior understandings, representations, or agreement of the parties regarding the subject matter in this document.

18. Authorization. The Member Agency represents and warrants that it has authority to enter into this Agreement. In addition, each individual executing this Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Agreement in the capacity and for the entities shown.

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

[SIGNATURE PAGE FOLLOWS]

“District”:

Jordan Valley Water Conservancy District

Dated: _____

By: _____

Corey L. Rushton
Its Chair, Board of Trustees

Address: 8215 South 1300 West
West Jordan, Utah 84088

ATTEST:

Alan E. Packard
Clerk

“Member Agency”:

Riverton City

Dated: _____

By: _____

Its: _____

Address: 12830 South Redwood Road
Riverton, Utah 84065

ATTEST:

EXHIBIT A
GRANT DESCRIPTION

Riverton City Water Efficiency Standards Grant

Description:

This grant is to provide funding for a Water Quality and Conservation Specialist hired by Riverton City in June 2022 to assist in compliance with the Water Efficiency Standards. The intent of this position is to oversee and manage Riverton City's water conservation program. The duties include, but are not limited to, coordinating the day-to-day activities of the water quality program; managing the water quality database; improving a comprehensive water conservation program that includes public awareness and conservation services; and enforcing landscape requirements through on-site visits.

Grant Eligibility for Fiscal Year 2023/2024:

- Maximum Eligibility Amount: \$54,000 (\$50,000 + \$4,000)

Grant Estimate:

- Estimated Grant Amount: \$54,000
 - \$84,483 (total annual compensation)
 - \$8,847 (equipment costs)
 - Total Cost \$93,330

EXHIBIT B
GRANT SCHEDULE

Grant Schedule for Implementation:

- July 1, 2023 – Grant period begins
- June 30, 2024 – End of grant period

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF A WATER CONSERVATION FUNDING AGREEMENT
WITH GRANGER-HUNTER IMPROVEMENT DISTRICT**

July 12, 2023

Account Number: Conservation Programs - 5670
 Budgeted: Yes
 Fund: O & M

Grant Amount (JVWCD'S Portion)	Member Agency Contribution	Total
\$68,500	\$91,150	\$159,650

Summary:

Granger-Hunter Improvement District (GHID) is proposing to combine its funds with JVWCD grant funds for the following purposes:

GHID Headquarters Landscape Design – Phase 3

Landscape architect design services for phase 3 of an ongoing project to relandscape the GHID headquarters site. This phase will remove approximately 11,000 square feet of lawn and replace it with waterwise landscaping consisting of trees, shrubs, groundcover, and boulders.

Conservation Calendars and Welcome Packets

Public awareness efforts will include production of a 2024 conservation calendar with waterwise tips, promotion of conservation programs, Utah Water Savers, and community outreach events. In addition, a welcome packet for new customers includes a booklet with information on how to use the customer web portal so residents know how much water they are using hour by hour.

Large Meter Replacement/Education Project

GHID has many large meters at customer locations that are not testable and not reading accurately due to old age. These customers are not able to determine their actual usage from these old meters and it appears GHID is underbilling customers, resulting in water loss. After meter replacement, GHID will meet with each of the customers to review their consumption history and educate them on how to sign into the customer portal and check daily water usage and how to set alarms for continuous flow.

Drought Tolerant Grass Seed

GHID would like to purchase grass seed and provide it to customers at reduced cost.

Turfgrass Water Conservation Alliance (TWCA) teamed up with USU to create a grass seed blend that is ideally suited for the region and uses up to 40% less water. In the spring of 2023,

GHID worked with Salt Lake City Public Utilities to acquire 200 bags of seed. The response from customers was very positive.

Conservation Promotional Materials

To better build conservation awareness, GHID would like to enhance education efforts at community events and directly to customers. Promotional materials will include better conservation signage, literature, swag items and water-saving tools to be handed out.

MEMBER AGENCY WATER CONSERVATION FUNDING AGREEMENT

This Agreement is made and entered into as of July 1, 2023 (the “Effective Date”), by and between the Jordan Valley Water Conservancy District, a Utah special district (“District”), and Granger-Hunter Improvement District, a Utah special district (“Member Agency”).

RECITALS:

- A. The District desires to provide funding assistance to the Member Agency for a water conservation project within the Member Agency’s retail service area relating to large water meter replacements and a public information campaign (the “Project”);
- B. The Member Agency wishes to obtain funding assistance from the District and represents that it has met the eligibility requirements; and,
- C. The Member Agency has submitted to the District a proposal outlining the Project and requesting funding assistance, and the District is willing to provide funding assistance, consistent with the terms of this Agreement.

TERMS:

The parties agree as follows:

1. Project Description. A description of the Project to be completed by the Member Agency is set forth in attached Exhibit A.

2. Project Schedule. The Project shall be completed by the Member Agency in accordance with the schedule set forth in attached Exhibit A, notwithstanding any other provision or Exhibit of this Agreement to the contrary.

3. Project Administration and Correspondence.

(a) The person designated to administer the Project and to act as the chief contact for the Member Agency is:

Michelle Ketchum, Director of Administrative Services
Granger-Hunter Improvement District
2888 South 3600 West
West Valley City, Utah 84170

(b) The person designated to represent the District in connection with this Agreement is:

Courtney Brown, Conservation Programs Manager
Jordan Valley Water Conservancy District
8275 South 1300 West
West Jordan, Utah 84088

4. Eligibility for Project Funding. The Member Agency represents it has:

(a) Adopted, by formal resolution, a water conservation goal of reducing per capita water use in its service area by at least twenty-five percent (25%) by year 2025, using year 2000 as a baseline year for comparison purposes; and,

(b) Complied with the Utah Water Conservation Plan Act, Utah Code Ann. § 73-10-32, and has filed a water conservation plan with the State of Utah, Division of Water Resources.

5. Member Agency Responsibilities and Ownership.

(a) The Member Agency and/or its representatives shall provide all labor, services, supplies, and materials to implement and complete the Project,

including but not limited to administration, promotion, marketing, management, data collection, analysis, and reporting.

(b) All materials and supplies necessary to implement and complete the Project shall be the exclusive property of the Member Agency. The District shall have no ownership, right, title, security interest, or other interest in any Project facilities, materials, or supplies, nor in any rights, duties, or responsibilities for operation or maintenance thereof.

(c) The Member Agency shall comply with all applicable federal, state, and local requirements to implement and complete the Project.

(d) The Member Agency shall be solely responsible for the performance of its staff and/or representatives in complying with the terms of this Agreement, and for the proper allocation of funds received from the District for implementing and completing the Project.

(e) The Member Agency shall timely prepare and submit invoices and reports to the District as further described herein.

(f) The Member Agency shall timely pay its share of the costs of the Project.

6. Cost Estimate and Funding.

(a) The funds to be provided by the District to the Member Agency shall not exceed Sixty-Eight Thousand Five Hundred and 00/100 Dollars (\$68,500).

(b) The costs for the Project to be paid by the District and by the Member Agency are set forth in attached Exhibit A. All costs greater than those shown in Exhibit A, which are necessary to implement and complete the Project pursuant to

this Agreement, if any, shall be paid by the Member Agency. The Member Agency shall pay no less than twenty percent (20%) of the total cost of the Project.

7. Invoicing Requirements.

(a) The Member Agency shall invoice the District on a quarterly basis pursuant to the following schedule:

QUARTERLY BILLING PERIOD	INVOICE DUE DATE
January 1-March 31	April 20
April 1-June 30	July 20
July 1-September 30	October 20
October 1-December 31	January 20

(b) Invoices shall be sufficiently detailed to allow for review and approval by the District and each shall include the following: a cover letter indicating the billing period; a detailed breakdown of the costs submitted for reimbursement, including man hours and billing rates; documentation supporting the invoice, such as invoices for supplies, consulting services, etc.; and, an accounting of the amount(s) previously invoiced with respect to the total funding amount provided under this Agreement. The final invoice for the Project, or a component of the Project, shall provide information and documentation sufficient to demonstrate that it has been completed in accordance with the requirements and conditions of this Agreement.

8. Periodic Meetings. The District, at its discretion, may request periodically a meeting for review of the Member Agency's progress toward implementation and completion of the Project, including an initial meeting prior to commencement of the Project.

9. Reporting Requirements.

(a) Beginning with 2023, and for five (5) consecutive years following completion of the Project, the Member Agency shall provide to the District an annual calculation of per capita water use within its retail service area. The calculation shall include an estimate of the population served and the volume of water delivered. This information shall be provided to the District by February 15 following the specific calendar year for which the report is made.

(b) If records are available, the Member Agency shall provide to the District, on or before July 1 2024, the information requested in subparagraph 9(a) for each calendar year between 2000 and 2023.

(c) Within forty-five (45) days following termination of this Agreement and prior to final payment, the Member Agency shall submit to the District a final, written report, including a summary of the Project; problems/challenges encountered; customer responses; Project benefits; a breakdown of final Project costs; and, an evaluation regarding the effectiveness of the Project.

(d) If a retail customer of the Member Agency receives and installs a water-conserving device, fixture, or equipment as part of the Project, the Member Agency shall provide to the District the customer's water use information for three (3) full years prior to and following installation of the device, fixture, or equipment.

(e) The provisions of this paragraph 9 shall survive expiration or termination of the term of the Agreement.

10. Term. The term of this Agreement shall commence on the Effective Date, and it shall expire without further notice or condition on June 30, 2024, except all

reporting obligations required by this Agreement shall survive its expiration or earlier termination for five (5) consecutive years.

11. Termination. Either party may terminate this Agreement upon sixty (60) days written notice to the other party.

12. Indemnification. The Member Agency shall indemnify, hold harmless, and defend the District, its Trustees, officers, employees, and agents against any claim or asserted liability arising out of the Member Agency's actions, either willful or negligent, or the actions of the Member Agency's officers, employees, or agents, in providing labor, services, supplies, and materials pursuant to this Agreement, including any losses related to any claim made, whether or not court action is filed, and will include attorney fees and administrative and overhead costs related to, or arising out of, such claim or asserted liability.

13. Notices. All notices, requests, demands, and other communications required or allowed by this Agreement shall be in writing and shall be given by personal delivery or by certified mail, with return receipt requested, to the following addresses or to such other addresses as the parties may designate in writing:

If to District, to:

Jordan Valley Water Conservancy District
Attn: General Manager
8215 South 1300 West
West Jordan, Utah 84088

If to Member Agency, to:

Granger-Hunter Improvement District
Attn: Michelle Ketchum
2888 South 3600 West
P.O. Box 701110
West Valley City, Utah 84170

Notice shall be effective on the date it is received by the other party.

14. Amendment. This Agreement may be amended only by written instrument signed by both parties.

15. Binding Nature. All of the grants, covenants, terms, provision, and conditions in this Agreement shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties.

16. Assignment. The Member Agency shall not assign this Agreement or any of its rights under this Agreement without the prior written consent of the District. The District may assign this Agreement and/or any of its rights under this Agreement.

17. Whole Agreement. This Agreement, including exhibits, constitutes the entire agreement of the parties and supersedes all prior understandings, representations, or agreement of the parties regarding the subject matter in this document.

18. Authorization. The Member Agency represents and warrants that it has authority to enter into this Agreement. In addition, each individual executing this Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Agreement in the capacity and for the entities shown.

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

[SIGNATURE PAGE FOLLOWS]

“District”:

Jordan Valley Water Conservancy District

Dated: _____

By: _____

Corey L. Rushton
Its Chair, Board of Trustees

Address: 8215 South 1300 West
West Jordan, Utah 84088

ATTEST:

Alan E. Packard
Clerk

“Member Agency”:

Granger-Hunter Improvement District

Dated: _____

By: _____

Its: _____

Address: 2888 South 3600 West
West Valley City, Utah 84170

ATTEST:

EXHIBIT A

PROJECT DESCRIPTION AND SCHEDULE

Measure 1: GHID Headquarters Landscape Design – Phase 3 (southeast)

Description: Landscape architect design services for phase 3 of an ongoing project to relandscape the GHID headquarters site. This phase will remove approximately 11,000 square feet of lawn and replace it with waterwise landscaping consisting of trees, shrubs, groundcover, and boulders.

Funding Tier: Tier 2

Schedule for implementation:

- July 2023 – November 2023

Cost:

- JVVCD 60%: \$13,920
- GHID 40%: \$9,280
- Total: \$23,200

Measure 2: Conservation Calendars and Welcome Packets

Description: Public awareness efforts will include production of a 2024 conservation calendar with waterwise tips, promotion of conservation programs, Utah Water Savers, and community outreach events. In addition, a welcome packet for new customers includes a booklet with information on how to use the customer web portal so residents know how much water they are using hour by hour. The booklet also shows customers how to check for leaks and avoid frozen pipes that can break and lead to water loss. The packet also includes a water-saving device and information about where to apply for Utah Water Savers programs.

Funding Tier: Tier 3

Schedule for implementation:

- August 2023 – Design conservation calendar
- September 2023 – Obtain printing quotes for conservation calendar and welcome packet
- November 2023 – Conservation calendar available to hand out
- January 2024 – Begin distribution of welcome packets

Cost:

- JVVCD 40%: \$1,400
- GHID 60%: \$2,100
- Total: \$3,500

Measure 3: Large Meter Replacement/Education Project

Description: GHID has many large meters at customer locations that are not testable and not reading accurately due to old age. These customers are not able to determine their actual usage from these old meters and it appears GHID is underbilling customers, resulting in water loss. After meter replacement, GHID will meet with each of the customers to review their consumption history and educate them on how to sign into the customer portal and check daily water usage and how to set alarms for continuous flow.

Funding Tier: Tier 3

Schedule for implementation:

- July 2023 – May 2024

Cost:

- JVVCD 40%: \$49,580
- GHID 60%: \$74,370
- Total: \$123,950

Measure 4: Drought Tolerant Grass Seed

Description: GHID would like to purchase grass seed and provide it to customers at reduced cost.

Turfgrass Water Conservation Alliance (TWCA) teamed up with USU to create a grass seed blend that is ideally suited for the region and uses up to 40% less water. In the spring of 2023, GHID worked with Salt Lake City Public Utilities to acquire 200 bags of seed. The response from customers was very positive.

Funding Tier: Tier 3

Schedule for implementation:

- July 2023 - November 2023

Cost:

- JVVCD 40%: \$2,400
- GHID 60%: \$3,600
- Total: \$6,000

Measure 5: Conservation Promotional Materials

Description: To better build conservation awareness, GHID would like to enhance education efforts at community events and directly to customers. Promotional materials will include better conservation signage, literature, swag items and water-saving tools to be handed out.

Funding Tier: Tier 3

Schedule for implementation:

- January 2024 - May 2024 – Purchase and distribute promotional materials

Cost:

- JVVCD 40%: \$1,200
- GHID 60%: \$1,800
- Total: \$3,000

ENGINEERING ACTIVITIES

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT FOR
ZONE D RESERVOIR EROSION CONTROL PROJECT**

July 12, 2023

Project: Zone “D” Reservoir Erosion Control Plan

Project Number: 4204

Budget: \$93,000 in 2023/2024 Capital Projects Budget.

Cost Sharing: N/A

Bids were received from:

Bidder	Bid Amount
<i>Engineer’s Estimate</i>	<i>\$76,000 – \$93,000</i>
Tribal Construction	\$92,127
Cliff Johnson Excavation	\$127,370
Corrio Construction	\$144,548
Beck Construction	\$164,650

Award of Construction Contract Recommended to: Tribal Construction

Total Authorization Amount (Approval Requested): \$92,127

Summary: 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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT FOR
10200 SOUTH AND 15000 SOUTH PIPELINES
AC MITIGATION AND MONITORING PROJECT**

July 12, 2023

Project: 10200 South and 15000 South Pipelines AC Mitigation and Monitoring

Project Number: 4083

Budget: \$475,000 in 2023/2024 Capital Projects Budget, an additional \$1,125,000 is available from the Etienne Way and Murray Holladay Road Well project due to delays.

Cost Sharing: MWDSL S Share – 50% of the project associated with 15000 South pipeline (\$89,000)

Bids were received from:

Bidder	Bid Amount
<i>Engineer's Estimate</i>	<i>\$991,000 – \$1,189,000</i>
Vancon, Inc.	\$1,582,000
Flare Construction	\$1,667,170

Award of Construction Contract Recommended to: **Vancon, Inc.**

Total Authorization Amount (Approval Requested): **\$1,582,000**

Summary: Elevated AC voltages have been identified on the 10200 South and 15000 South pipelines. The AC voltages are being induced onto the steel pipelines from adjacent power lines. The measured voltage on the 10200 South pipeline exceeds the industry limits for personnel safety and presents a risk for AC corrosion. 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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT FOR
3200 WEST 6200 SOUTH STEEL RESERVOIRS COATING AND REPAIRS**

July 12, 2023

Project: 8-MG and 2-MG Steel Reservoirs Paint and Repairs Project

Project Number: 4271

Budget: \$4,000,000 in 2023/2024 Capital Projects Budget

Cost Sharing: N/A

Bids were received from:

Bidder	Bid Amount
<i>Engineer's Estimate</i>	<i>\$2,341,140 – \$2,926,425</i>
Viking Industrial Painting, LLC.	\$1,896,925

Award of Construction Contract Recommended to: Viking Industrial Painting, LLC

Total Authorization Amount (Approval Requested): \$1,896,925

Summary: The 2 MG and 8 MG steel reservoirs at 3200 West 6200 South were constructed prior to 1960 and 1968 respectively and require regular recoating 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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER AUTHORIZATION TO AWARD AN ENGINEERING SERVICES
CONTRACT FOR COMPREHENSIVE CAPITAL IMPROVEMENTS PLAN
DEVELOPMENT PROCESS**

July 12, 2023

Project: Comprehensive CIP Development Process

Project Number: 4319

Budget: \$250,000 in the 2023/2024 Budget, an additional \$150,000 is available from the Etienne Way and Murray Holladay Road Well project due to delays.

Cost Sharing: N/A

Statements of Qualification were received from:

Proposer
Bowen Collins & Associates
Brown and Caldwell
Hansen Allen & Luce

Award of Engineering Contract Recommended to:

Brown and Caldwell

Total Authorization Amount (Approval Requested):

\$394,000

Summary: 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.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF ENGINEERING SERVICES CONTRACT AMENDMENT
FOR 3600 WEST 10200 SOUTH PUMP STATION**

July 12, 2023

Project: 3600 West 10200 South Pump Station
Project Number: 4199
Budget: \$2,400,000 in 2023/2024 Capital Projects Budget
Engineer: AE2S
Original Contract Price: \$819,707

Amendment No. 5

Additional Funding Requested: \$112,750

Summary: This amendment includes an additional six months of construction management services for the construction of the 3600 West 10200 South Pump Station. Due to manufacturing and equipment delays the final completion date of the pump station has been delayed until January 2024. Additional construction management is needed to inspect work activities which would typically occur concurrently but were instead spread over time due to unavailable equipment caused by supply chain issues and delays. The loss of these efficiencies has extended the project completion date and requires additional inspection hours for the project.

Current Contract Price Adjusted by Previous Amendments: \$1,081,969
New Contract Price: \$1,194,719
Cumulative Change from Original Price: 45.7%

OPERATIONS & MAINTENANCE ACTIVITIES

JORDAN VALLEY WATER CONSERVANCY DISTRICT

**CONSIDER APPROVAL OF EXPENDITURE TO PURCHASE VALVE
TURNING/VECTOR SERVICE TRUCK BODY**

July 12, 2023

Budget: \$155,000 in 2023/2024 General Equipment Budget

Cost sharing: \$1,058 to be reimbursed by MWDSL

Summary: The District recently went through a competitive procurement process and purchased a 2023 Ford F-550 4WD Super Cab and chassis with the intent to equip it with a service body that includes valve turning and vector equipment. The truck/chassis is now on site and needs to be equipped.

This service truck and equipment will primarily be utilized to clean out and exercise more than 5,000 valves and nearly 1,500 fire hydrants each year. It will also be used to respond to mainline breaks and other emergencies. Having the equipment included as part of the service body, instead of on a separate trailer, is less expensive than replacing the truck and trailer separately and will make the vehicle and equipment more versatile and safer for employees to use. It will also free up the District's current valve turning/vector trailer, which is becoming less dependable, for other maintenance crews to use when needed.

Intermountain Sales, Inc. is the sole vendor that provides this equipment and service. They have built and equipped similar service bodies for member agencies and other similar organizations and staff have contacted several of those agencies and inspected their equipment for reference. Staff have followed all sole-source procurement requirements.

Recommendation: Approval of Sole-Source Procurement with Intermountain Sales Inc. for the purchase of a valve turning/vector service body

Total Authorization Amount (Approval Requested): \$146,478



Personnel Rules and Regulations Policy Update Discussion

July 12, 2023



Benefits

Sick Leave Accumulation - § 4.3.J.

SICK LEAVE	Annual Accrual	Accumulation of Sick Leave	Retirement	Conversion (Dec. 1 of each year)	Amount Converted
CURRENT	4 hours per pay period = 96 hours per year	Unlimited accumulation	25% payout of unused accumulated amount	Optional - portion of unused annual accrual converted to:	
				Annual leave* or cash	25% if less than 568 hours accumulated
					50% if over 568 hours accumulated
PROPOSED	No change	Maximum accumulation of 800 hours (as of Dec 1)	No change	Optional if less than 800 hours - portion of unused annual accrual converted to:	
		Hours accumulated over 800 grandfathered in as of Dec 1, 2022		Annual leave* or cash	25% if less than 480 hours accumulated
					50% if 480-800 hours accumulated
				Mandatory 100% converted to cash if over 800 hours after optional choice exercised	
* Annual leave cap is 320 hours at end of calendar year (excess forfeited if not used)					



Benefits

Sick Leave

4.3 SICK LEAVE

A. Sick leave is provided for sick or injured employees who are unable to be on the job.

1. Sick leave shall accrue for all authorized-position employees at the rate of eight hours for each month of service. Part-time employees may accrue sick leave on a prorated basis.
2. Upon hire, all full-time employees shall receive an advancement of 48 hours of sick leave. Part-time employees are eligible for a prorated amount of advanced sick leave. Accrual of additional sick leave will begin after six months of continual employment. If any employee terminates employment prior to the completion of six months of continual employment, any remaining amount of the employee's initial allotment of sick leave will not be paid out at termination, as outlined in Section 8.2.C.
3. [There shall be no limit to the amount of sick leave that can be accumulated.] As of November 30 of each year, and subject to the provisions in subsection J, the maximum number of sick leave hours an employee is allowed to carry over to December 1 is 800 hours.



Benefits

Sick Leave

- J. The District rewards employees for good attendance in the form of sick leave conversion.
1. At the option of the employee, the unused portion of sick leave accrued from December 1 of the prior year to November 30 of the current year may be converted to cash (at the employee's then-current rate of pay, less any applicable taxes and withholdings), to an equal amount of annual leave, or remain as accrued sick leave. If sick leave is converted, the conversion rate is:
 - (a) 25 percent of that year's unused sick leave if total accrued sick leave is less than 480 hours; or
 - (b) 50 percent of that year's unused sick leave if total accrued sick leave is at least 480 hours.
 2. Except as provided in subsection J.3, an employee with more than 800 hours of accrued sick leave on November 30 of the current year, after making any conversion allowed under subsection J.1., shall have the number of sick leave hours over 800 converted to cash at 100% of the employee's then-current rate of pay, less any applicable taxes and withholdings.
 3. The District shall continue to recognize sick leave accrued by an employee in excess of 800 hours as of November 30, 2022, provided that:
 - (a) The mandatory conversion of sick leave to cash described in subsection J.2. shall apply to sick leave accrued by the employee after November 30, 2022; and
 - (b) If the employee uses accrued sick leave in a manner that causes the employee's sick leave balance as of November 30, 2022, to decrease, the employee may not rebuild the sick leave balance until total accrued sick leave falls below 800 hours.



General Policy

Nursing employees

11.16 BREAK TIME TO EXPRESS BREAST MILK

- A. For one year after the birth of a child, a nursing employee may take reasonable break time to express breast milk each time the employee has need to express breast milk.
- B. The District shall provide a functional space that may be used by an employee described in subsection A to express breast milk, which:
 - 1. Is not a bathroom; and
 - 2. Is shielded from view and free from intrusion from coworkers and the public.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

Resolution of the Board of Trustees

RESOLUTION NO. 23-14

AMENDING JORDAN VALLEY WATER CONSERVANCY DISTRICT'S PERSONNEL RULES AND REGULATIONS POLICY

WHEREAS, the Jordan Valley Water Conservancy District periodically reviews its Personnel Rules and Regulations Manual, and desires to make certain revisions.

NOW, THEREFORE, BE IT RESOLVED by the Jordan Valley Water Conservancy District Board of Trustees:

1. The Personnel Rules and Regulations Manual is amended to read as set forth in Attachment 1.
2. This Resolution shall take effect immediately upon execution by an authorized member of the Board.

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

Corey L. Rushton
Chair of the Board of Trustees

ATTEST:

Alan E. Packard
Clerk

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PERSONNEL RULES AND REGULATIONS MANUAL

Revised, Effective as of ~~January 11, 2023~~ July 12, 2023

THIS PACKET INCLUDES ONLY CHAPTERS WITH PROPOSED
CHANGES. THIS INCLUDES CHAPTERS 1, 2, 3, 4, 8 and 11.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

PERSONNEL RULES AND REGULATIONS MANUAL
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CHAPTER 1¹
MISSION, VISION AND VALUES OF THE DISTRICT

The District was organized as a regional water supply agency to develop a water supply for its service area. Its mission — providing the highest quality of water available to its customers, on a fairly priced and effective basis — is summarized in the following mission statement:

Delivering quality water and services every day.

The District's future direction, as it meets the water demands of a growing population in an environmentally-sensitive manner and by promoting efficient water use, is summarized in the following vision statement:

Provide a sustainable water supply to promote individual and community well-being.

In pursuing the District's mission and vision, its values are:

- Safety
We are committed to employee and public safety.
- Service
We care about our customers' needs and strive to fulfill them.
- Respect
We care about our employees and invest in their success.
- Integrity
We believe in doing the right thing, individually and as an organization.
- Leadership
Our passion for quality drives us to employ innovative practices.

1.1 INTRODUCTION

- A. This Manual sets forth District policy and procedures for personnel administration as required in Chapter 6 of the Administrative Policy and Procedures Manual.
- B. The material in this Manual is District policy. The Board of Trustees reserves the right unilaterally to modify, delete or add to the personnel policies contained in this Manual at any time. The administration of all matters dealt with in this Manual is the responsibility of the General Manager.
- C. The General Manager may establish additional rules and procedures as deemed necessary for the efficient and orderly administration and supervision of the District, provided that such rules and procedures do not conflict with those established in this Manual.
- D. A copy of this Manual, as well as any subsequent amendments or revisions, will be made available to all employees of the District.

¹ The footnotes (and the citations within the footnotes) are not official parts of this Manual; rather, they are for the convenience of District staff. They may be revised at the discretion of staff.

- E. The policies and procedures expressed in this Manual, as well as those in any other personnel materials that may be issued from time to time, save and except those policies and procedures pertaining to discipline, do not create a binding contract or any other obligation or liability on the District. Furthermore, any written material distributed to employees pursuant to state or federal law does not impose any contractual liability on the District. The District reserves the right to change its policies and procedures, including those pertaining to discipline, at any time for any reason without notice.
- F. Any reference in this Manual to an Assistant General Manager shall include a Deputy General Manager, if a Deputy General Manager has been appointed.

1.2 TOTAL COMPENSATION AND BENEFITS PHILOSOPHY

- A. The District strives to attract and retain a diverse and professional workforce that is engaged and committed to its mission, vision, and values. To accomplish this goal, the District pays wages that are competitive with the appropriate labor markets and trends, equitable among internal positions, and transparent to the public. Its total compensation and benefits program includes a direct salary, health benefits, retirement plan, and a variety of development opportunities, including tuition reimbursement and professional training.²
- B. Because the District competes for talent in multiple markets, it regularly reassesses and reevaluates its compensation and benefits program to ensure consistency and efficiency in its ability to recruit and retain employees with needed experience, skills, and educational background. The District measures a position's market value based on the availability of talent to fill that position, the skills and education required, and the prevailing rates for similar employment in other labor markets, when applicable.
- C. To ensure internal equity of wages, positions are classified across District functions so employees performing similar tasks are compensated equitably. Positions within a specific classification are paid using an established pay range. Pay rate is determined by factors such as the individual's experience level, ability to meet position qualifications, and wages paid to other employees. The District strives to provide an environment which rewards personal responsibility in developing employee skills and qualifications, excellent customer service, innovation, collaboration, and producing results that support the District's mission of "delivering quality water and services every day."

² In this manual and in other documents, unless the context indicates otherwise, the word "salary" is used as a generic term referring to things like the annual salary paid to exempt employees, annual wages paid to non-exempt employees, and established minimum and maximum wage rates assigned to a job for both exempt and non-exempt employees.

CHAPTER 2 EMPLOYMENT

2.1 EQUAL EMPLOYMENT OPPORTUNITY POLICY³

The District provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, pregnancy, childbirth, pregnancy-related conditions, veteran status, sexual orientation, gender identity or expression, political affiliation or any other characteristic protected by federal, state or local laws.

This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.

2.2 DISCRIMINATION, HARASSMENT, AND RETALIATION POLICY

The District is committed to a work environment in which all individuals are treated with respect and dignity. Each individual has the right to work in a professional atmosphere that promotes equal employment opportunities and prohibits unlawful discriminatory practices, including harassment. Therefore, the District expects that all relationships in the workplace will be business-like and free of bias, prejudice and harassment.

The District has developed this policy to ensure that all its employees can work in an environment free from unlawful harassment, discrimination and retaliation. The District will make reasonable efforts to ensure that all employees are familiar with this policy and are aware that any complaint in violation of this policy will be investigated and resolved appropriately. Through enforcement of this policy and by educating of its employees, the District will seek to prevent, correct and discipline behavior that violates this policy. The District shall provide employees with discrimination, harassment and retaliation training annually.

Managers and supervisors who knowingly allow or tolerate discrimination, harassment or retaliation, including failure to immediately report such misconduct to the Human Resources Manager or to an Assistant General Manager, are in violation of this policy and subject to disciplinary action up to and including termination.

Any employee who has questions or concerns about this policy should talk with the Human Resources Manager or an Assistant General Manager.

A. Discrimination.

It is a violation of the District's policy to discriminate in the provision of employment opportunities, benefits or privileges; to create discriminatory work conditions; or to use discriminatory evaluative standards in employment if the basis of that discriminatory treatment is, in whole or in part, the person's race, color, religion, age, sex, national origin, disability status, genetics, pregnancy, childbirth, pregnancy-related conditions, veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.

Discrimination of this kind may also be strictly prohibited by a variety of federal, state and local laws, including Title VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1967 and the Americans with Disabilities Act of 1990. This policy is intended to comply with these anti-discrimination laws.

³ Utah Code Ann. (1953) § 17B-1-803

Discrimination in violation of this policy will be subject to disciplinary action up to and including termination.

B. Sexual Harassment.

Sexual harassment constitutes discrimination and is illegal under federal, state and local laws. For the purposes of this policy, "sexual harassment" is defined as unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature when, for example: a) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment, b) submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting such individual, or c) such conduct has the purpose or effect of interfering with an individual's work performance or creating an intimidating, hostile or offensive working environment.

Title VII of the Civil Rights Act of 1964 recognizes two types of sexual harassment: a) quid pro quo and b) hostile work environment. Sexual harassment may include a range of subtle and not-so-subtle behaviors and may involve individuals of the same or different gender. Depending on the circumstances, these behaviors may include unwanted sexual advances or requests for sexual favors; sexual jokes and innuendo; verbal abuse of a sexual nature; commentary about an individual's body, sexual prowess or sexual deficiencies; leering, whistling or touching; insulting or obscene comments or gestures; display in the workplace of sexually suggestive objects or pictures; and other physical, verbal or visual conduct of a sexual nature.

C. Harassment.

Harassment on the basis of any other protected characteristic is also strictly prohibited. Under this policy, harassment can be verbal, written or physical conduct that denigrates or shows hostility or aversion toward an individual because of her or his race, color, religion, age, sex, national origin, disability status, genetics, pregnancy, childbirth, pregnancy-related conditions, veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws that: a) has the purpose or effect of creating an intimidating, hostile or offensive work environment, b) has the purpose or effect of interfering with an individual's work performance, or c) otherwise adversely affects an individual's employment opportunities.

Harassing conduct includes epithets, slurs or negative stereotyping; threatening, intimidating or hostile acts; denigrating jokes; and written or graphic material that denigrates or shows hostility or aversion toward an individual or group that is placed on walls or elsewhere on the District's premises or circulated in the workplace, on District time or using District equipment by e-mail, phone (including voice messages), text messages, social networking sites or other means.

D. Consensual Romantic or Sexual Relationships.

The District discourages romantic or sexual relationships between a manager or other supervisory employee and her or his staff (an employee who reports directly or indirectly to that person) because such relationships tend to create compromising conflicts of interest or the appearance of such conflicts. In addition, such a relationship may give rise to the perception by others that there is favoritism or bias in employment decisions affecting the staff employee. Moreover, given the uneven balance of power within such relationships, consent by the staff member is suspect and may be viewed by others, or at a later date by the staff member, as having been given as the result of coercion or intimidation. The atmosphere created by such appearances of bias, favoritism, intimidation, coercion or

exploitation undermines the spirit of trust and mutual respect that is essential to a healthy work environment. If there is such a relationship, the parties need to be aware that one or both may be moved to a different department or other actions may be taken, up to and including termination.

If any employee of the District enters into a consensual relationship that is romantic or sexual in nature with a member of her or his staff (an employee who reports directly or indirectly to her or him), or if one of the parties is in a supervisory capacity in the same department in which the other party works, the parties shall notify the Human Resources Manager or an Assistant General Manager. Because of potential issues regarding quid pro quo harassment, the District has made reporting mandatory. This requirement does not apply to employees who do not work in the same department or to parties where neither one supervises or otherwise manages responsibilities over the other.

Once the relationship is made known to the District, the Assistant General Manager with supervisory responsibility over that department will review the situation with the Human Resources Manager in light of all the facts (reporting relationship between the parties, effect on co-workers, job titles of the parties, etc.) and will determine whether one or both parties need to be moved to another job or department. If it is determined that one party must be moved, and there are jobs in other departments available for both, the parties may decide who will be the one party to apply for the new position. If the parties cannot amicably come to a decision, or the party is not chosen for the position to which she or he applied, the General Manager or Assistant General Managers will decide which party will be moved. That decision will be based on which move will be least disruptive to the District. If no other jobs are available for either party, the parties will be given the option of terminating their relationship or resigning.

E. Retaliation.

The District encourages reporting of all perceived incidents of discrimination or harassment. It is the policy of the District to promptly and thoroughly investigate such reports. The District prohibits retaliation against any individual who reports discrimination or harassment or participates in an investigation of such reports.

Retaliation is an action, performed directly or through others, that is aimed to dissuade a reasonable person from engaging in a protected activity or is done in retribution for engaging in a protected activity. Examples of protected activities include reporting (internally or externally) a complaint of protected class discrimination or harassment made in good faith, assisting others in making such a report, or participating in good faith as an investigator, witness, decision maker, or otherwise assisting in an investigation or proceeding related to suspected protected class discrimination or harassment.

Retaliation against an individual for reporting harassment or discrimination or for participating in an investigation of a claim of harassment or discrimination is a serious violation of this policy and, like harassment or discrimination itself, will be subject to disciplinary action up to and including termination. Acts of retaliation should be reported immediately and will be promptly investigated and addressed.

F. Individuals and Conduct Covered.

This policy applies to all applicants and employees, whether related to conduct engaged in by fellow employees or by someone not directly connected to the District (e.g., an outside vendor, consultant or customer).

Conduct prohibited by these policies is unacceptable in the workplace and in any work-related setting outside the workplace, such as during business trips, business meetings and business-related social events.

G. Reporting an Incident of Harassment, Discrimination or Retaliation.

The District encourages reporting of all perceived incidents of discrimination, harassment or retaliation, regardless of the offender's identity or position. Any reported allegations of harassment, discrimination or retaliation will be investigated promptly and addressed. Individuals who believe that they have been the victim of such conduct should notify any supervisor, a Division Manager, a Department Manager, an Assistant General Manager, or the Human Resources Manager. Any supervisor or manager who has knowledge of any incident of discrimination, harassment or retaliation prohibited by this policy is required to report such information immediately to the Human Resources Manager or to an Assistant General Manager.

In addition, the District encourages individuals who believe they are being subjected to such conduct to promptly advise the offender that her or his behavior is unwelcome and to request that it be discontinued. Often this action alone will resolve the problem. The District recognizes, however, that an individual may prefer to pursue the matter through complaint procedures.

H. Confidentiality.

All complaints and investigations are treated confidentially to the extent possible, and information is disclosed strictly on a need-to-know basis. The identity of the complainant is usually revealed to the parties involved during the investigation, and the Human Resources Manager and District management will take adequate steps to ensure that the complainant is protected from retaliation during and after the investigation. All information pertaining to a complaint or investigation under this policy will be maintained in secure files by the Human Resources Manager.

2.3 NEPOTISM⁴

Except as provided by law or in this Manual, the District shall not employ a relative of a current District Trustee, officer, or employee, and no Trustee, officer, or employee of the District shall hire, employ, appoint, vote for or recommend the appointment of a relative for any position or employment with the District unless the General Manager finds that the relative is a volunteer as defined by the District.

- A. For purposes of this policy, relative means: mother, father, husband, wife, son, daughter, sister, brother, grandfather, grandmother, uncle, aunt, nephew, niece, grandson, granddaughter, first cousin, mother-in-law, father-in-law, sister-in-law, brother-in-law, son-in-law, daughter-in-law, stepchild, stepfather, stepmother, stepsister, or stepbrother. The relationships described in this definition apply to a common law spouse or domestic partner and that person's relatives as if the common law spouse or domestic partner was legally married to the employee.
- B. A relative already employed or employees who become relatives because of marriage may continue employment so long as it does not violate Sections 2.3.C and 2.3.D, below.

⁴ Utah Code Ann. (1953) § 17B-1-110, and §§ 52-3-1 et seq.

- C. No Trustee, officer or employee of the District shall supervise a relative unless there are at least two levels of supervisory management between the Trustee, officer, or employee and the relative.
- D. No Trustee, officer, or employee of the District may evaluate a relative's job performance or recommend or approve salary increases for the relative.
- E. A volunteer means someone working for no compensation.

2.4 SELECTION AND RECRUITMENT

- A. The District generally fills open positions with current, qualified employees when a qualified employee is available. Usually, all open positions first shall be posted in-house for five working days. If no employee applies or no qualified employee is available, jobs will be posted for outside applicants using various job listing websites, as may be appropriate for the position: the Utah Department of Workforce Services, recruiting firms or staffing agencies, or any other source that meets the needs of the District.
- B. No applicant for employment at the District shall be hired unless the applicant first has graduated from high school or its equivalency; provided, however, that this requirement shall not apply to: (i) applicants for a temporary position, or (ii) District employees in either a full time or part-time, authorized position who were hired before July 1, 2016. Notwithstanding subparagraph 2.5(B)(ii), a District employee shall not be considered for another position after July 1, 2016, without first meeting the applicable academic requirements for that position.
- C. The job description, academic requirements, certifications, and training for each employment position at the District shall be determined by the General Manager or the General Manager's designee.

2.5 EMPLOYMENT STATUS

- A. Employees shall be classified as follows:
 1. Authorized Position Employee: An employee assigned to a Board-authorized position on an exempt or non-exempt basis, with all employee benefits, and working a minimum of 30 hours per week.
 2. Part-time Employee: An employee hired and assigned to a position working fewer than 30 hours [or less] per week. Part-time positions are approved by the Board in the annual budget, but are not authorized to receive full benefits. Part-time employees receive certain benefits as explained further in this Manual.
 3. Temporary Employee: A non-exempt employee who is hired for a specific time period but not occupying a budget-authorized position. The temporary employee is not eligible for employee benefits.
 4. Exempt Employee: An employee who is exempt from the overtime provisions of the Fair Labor Standards Act and therefore is not eligible for overtime compensation.
 5. Non-Exempt Employee: An employee who is entitled to overtime pay or compensatory time as provided under the Fair Labor Standards. A non-exempt employee [may either be a salaried non-exempt employee] is paid based on the actual number of hours worked multiplied by an hourly wage, even though this Manual or other documents describe compensation for the employee's position as a salary range or in terms of annual, monthly or semi-monthly amounts. A non-exempt

employee either performs work generally during normal District business hours or is a shift-work employee.⁵

6. Shift-work Employee: [An] A non-exempt employee [~~who is~~] whose job description indicates that the employee may be routinely scheduled throughout the year to work a shift outside normal District business hours, which generally are Monday through Friday from 6:00 A.M. to 6:00 P.M.
- B. Introductory Period. When first employed by the District or when re-employed by the District after termination for any reason, an employee shall serve an introductory period of six months. Employment during this period is “at will,” and an employee or the District may terminate the employment relationship at any time, for any or no reason, with or without notice. Employees shall serve an introductory period again in connection with a promotion, a transfer between departments, a lateral job change, or other job status change. The purpose of the introductory period includes but is not limited to determining whether the employee can properly perform the duties and responsibilities of the position and comply with pertinent rules, regulations, and policies of the District, and whether the employment relationship should continue. An introductory period may be extended by the District up to an additional six months.
 - C. Disciplinary Probation. As a measure of disciplinary action, an employee may be placed on probation, as provided in this Manual.
 1. The probationary period is a time during which the employee receives close scrutiny to determine if, in fact, the employee can function and accomplish the tasks required in the position.
 2. The probationary period for any position or circumstance shall not exceed six months without the approval of the Assistant General Manager with ultimate supervisory authority over the employee, and in no circumstances shall it exceed one year.
 3. An employee may be terminated within the probationary period if it is determined the employee cannot satisfactorily perform the responsibilities and duties of the position.

2.6 EMPLOYMENT REFERENCES

- A. Except as provided in subsection B., all requests for a job reference about a current or former employee shall be communicated to the Human Resources Manager. The District's response, if any, shall be limited to a confirmation of employment, with relevant dates and positions held, and to that information requested in accordance with the Utah Governmental Records Access and Management Act, Utah Code Ann. (1953) §§ 63-2-101 et seq.
- B. All requests for a job reference about any intern or temporary employee shall be communicated to that employee's supervisor, and the supervisor may give a written recommendation upon the request of the intern or temporary employee.
- C. All requests on behalf of a current or former District employee for any information concerning the employee's qualifications for professional registration or licensure shall be communicated to the employee's supervisor. The supervisor may provide the information orally and/or in writing if the employee gives authorization and releases the District and its employees and agents from all liability.

⁵ Normal District business hours are generally Monday through Friday from 6:00 A.M. to 6:00 P.M. with most employees working either eight hour days or ten hour days.

2.7 CRIMINAL BACKGROUND CHECKS⁶

A. Definitions. As used in this chapter:

1. "Applicant" means a person who seeks employment with the District, either as an employee or as an independent contractor, and who, after employment, would, in the judgment of the District, be in a position to affect the safety or security of the District's treatment works or water system or to affect the safety or well-being of patrons of the District.
2. "Independent contractor":
 - (a) Means an engineer, contractor, consultant, or supplier who designs, constructs, operates, maintains, repairs, replaces, or provides water treatment or conveyance facilities or equipment, or related control or security facilities or equipment to the District; and,
 - (b) Includes the employees and agents of the engineer, contractor, consultant, or supplier.
3. "Person seeking access" means a person who seeks access to the District's water system or treatment works and who, after obtaining access, would, in the judgment of the District, be in a position to affect the safety or security of the District's treatment works or its water system or to affect the safety or well-being of patrons of the District.

B. Criminal Background Checks.

1. The District may:
 - (a) Require an applicant to submit to a criminal background check as a condition of employment or as a condition of contracting;
 - (b) Periodically require existing employees to submit to a criminal background check if, in the judgment of the District, the employee is in a position to affect the safety or security of its treatment works or water system or to affect the safety or well-being of District patrons; and
 - (c) Require a person seeking access to submit to a criminal background check as a condition of acquiring access.
2. (a) Each applicant, person seeking access, and existing employee described in Section 2.8.B.1(b) shall, if required by the District:
 - (i) Submit a fingerprint card in a form acceptable to the Criminal Investigation and Technical Services Division of the Department of Public Safety ("Division"); and,
 - (ii) Consent to a fingerprint background check by:
 - (A) The Utah Bureau of Criminal Identification; and,

⁶ Utah Code Ann. (1953) §§ 11-40-101 et seq.

(B) The Federal Bureau of Investigation ("FBI").

(b) If requested by the District, the Division shall request the Utah Department of Public Safety to complete an FBI criminal background check for each applicant, person seeking access, or existing employee through a national criminal history system.

(c) (i) The District may make an applicant's employment with the District or the access of a person seeking access conditional pending completion of a criminal background check under this chapter.

(ii) If a criminal background check discloses that an applicant or a person seeking access failed to disclose accurately a criminal history, the District may deny or, if conditionally given, immediately terminate the applicant's employment or the person's access.

(iii) If an applicant or person seeking access accurately disclosed the relevant criminal history and the criminal background check discloses that the applicant or person seeking access has been convicted, in the judgement of the District, of a crime that indicates a potential risk for the safety of the District's water system or treatment works or for the safety or well-being of District patrons, the District may deny or, if conditionally given, immediately terminate the applicant's employment or the person's access.

3. The District shall provide written notice to the person who is the subject of the criminal background check that the background check has been requested.

C. Criminal Activity. Employment may be denied or terminated and access to the District's water system and treatment works may be denied or terminated, at the discretion of the District, to any applicant or person seeking access, if a criminal background check reveals a conviction, a finding of guilt by reason of insanity or mental incompetency, or entry of a no-contest plea, in any jurisdiction, for the following:

1. Any felony offense, however described; or,

2. A misdemeanor offense involving dishonesty, fraud, deceit, or misrepresentation; or, theft; or, the use of, or a threat to use, physical force and/or a weapon against a person or property.

D. Written Notice to Person Whose Employment is Denied or Terminated. If the District denies or terminates the employment of a person because of information obtained through a criminal background check under this chapter, the District shall:

1. Notify the person in writing of the reasons for the denial or termination; and,

2. Give the person an opportunity to respond to the reasons and to seek review of the denial or termination through applicable portions of the District's Discipline and Grievance Policies.

CHAPTER 3
COMPENSATION

3.1 COMPENSATION PLAN AND WORK CONDITIONS

A. The District has implemented the following compensation plan:

1. Market System. The District's compensation plan is based upon a market system and seeks to achieve equity with the external job market while maintaining an equitable internal structure. In accordance with maintaining this internal and external equity, the District may perform job analyses, market analyses, internal structure analyses, and salary structure redesign as often as is deemed necessary by the General Manager. Adjustments to the compensation system and structure may be made as approved by the Board.
2. Grades and Salary Ranges. The compensation system consists of established grades which group together jobs with similar market pay and similar knowledge, skills, and abilities. Each grade is defined by a salary range consisting of a minimum, midpoint, and maximum. The midpoint is based upon the external market rate for the various jobs within that salary range. When a job description is updated, the General Manager may approve a grade change, after a market analysis and internal structure analysis have been performed which support the change. The salary range structure may be adjusted as market conditions indicate and as approved by the Board.

Employee pay may be placed anywhere within the salary range. When hiring a new employee or promoting an existing employee, the General Manager or an Assistant General Manager who has supervisory authority over that employee, has the discretion to place the employee anywhere between the minimum and maximum of the applicable salary range based upon the employee's knowledge, skills and abilities, previous experience, education, and job market conditions. Employees who choose to move into a lower grade job may be required to take a reduction in pay.

3. Salary Increases. Salary increases may be given annually in the form of cost-of-living adjustments and/or merit increases as budgeted for and approved by the Board. Cost-of-living adjustments will be determined based on economic indicators. Merit increases are given based on employee performance in accordance with employee evaluation processes. The General Manager may authorize other increases as necessary to resolve certain inequities or in response to market conditions, or as otherwise deemed necessary.

An employee's pay may be frozen if it is above the maximum of the salary range. Or, if an employee's cost-of-living or merit increase takes pay over the salary maximum, pay may be frozen at the maximum.

4. Special Merit and Bonuses. In accordance with budget allowances, the General Manager may authorize special merit increases or bonuses on a limited basis to certain employees for outstanding performance or meritorious services. These increases/bonuses will not be a regular or scheduled event and will be given within budget allowances.
5. Meeting Job Requirements. The District, in seeking job applicants for vacant positions, must use the job description to describe and advertise job openings. Applicants must meet the requirements for employment or may be hired at ten percent below the salary range until they meet the requirements for employment

(usually 6 to 12 months). This does not restrict management from making changes in job descriptions as technology and circumstances dictate.

B. Workweek, Pay Periods and Paydays:

1. ~~[A] The normal~~ workweek generally begins on Sunday at midnight and ends on Saturday at 11:59 p.m.
2. Pay periods are semi-monthly with 24 pay periods per year. The first pay period of each month begins on the 1st day of the month and ends on the 15th day of the month. The second pay period of each month begins on the 16th day of the month and ends on the last day of the month. Each pay period generally begins at midnight on the first day of the pay period and ends at 11:59 p.m. on the last day of the pay period.
3. Paydays are on the 5th and 20th days of each month. A payday that falls on a Saturday, Sunday or observed holiday will be adjusted to the day preceding the Saturday, Sunday or observed holiday.
4. ~~[Shift-work]~~ Non-exempt employees, including shift-work employees, are paid on payday for the number of hours worked in the prior pay period.
5. ~~[Salaried non-exempt employees and exempt]~~ Exempt employees are paid one twelfth of their annual salary each month with one half of the monthly salary paid on each payday.
6. Because the end of a pay period does not generally align with the end of a workweek, overtime that is accrued after the last day of a month or after the 15th day of the month will be paid as part of the pay period in which the overtime accrued.

3.2 OVERTIME, CALL-BACK, STAND-BY, PREMIUM PAY, AND MEAL COMPENSATION

- A. Generally, the District requests overtime, call-back or stand-by of employees in cases of need only, and provides employees overtime, call-back, stand-by, and meal compensation for work based on employment classification.
- B. The normal workweek consists of 40 hours. The normal workweek can be adjusted~~;~~ ~~however;~~ to accommodate flexible (“flex”) work schedules approved ~~[for a salaried non-exempt employee]~~ by a Department Manager ~~[or]~~ to promote efficiency of District operations. A flex work schedule for a non-exempt employee may require the employee to report hours using an altered workweek and pay period that begins and ends at noon of a particular day of the week [allows a salaried] so the employee [to work] works 80 hours in a two week period and each [where one of the weeks includes more than 40 hours of work and another week includes less than] workweek does not include more than 40 hours of work.
- C. Overtime and Compensatory Time. Overtime shall be paid only to non-exempt employees. ~~[With the exception of approved flex schedules, non-exempt]~~ Non-exempt employees shall be paid overtime or provided compensatory time-off at the rate of one-and-one-half hours for each hour worked over 40 hours in a workweek. Overtime or compensatory time shall not be paid until a non-exempt employee has worked more than 40 hours during the workweek, even if the employee works hours outside of the employee’s normally scheduled shift. ~~[An exempt employee shall not be paid overtime or given compensatory time. The normal workweek consists of 40 hours. The workweek can be adjusted, however, to accommodate flexible (“flex”) work schedules approved for an exempt or salaried non-exempt employee by a Department Manager or to promote efficiency of District operations. A flex work schedule~~

~~allows a salaried non-exempt employee to work 80 hours in a two week period without being paid overtime where one of the weeks includes more than 40 hours of work and another week includes less than 40 hours of work.]~~

1. ~~[Management]~~ An employee's Department Manager must preauthorize overtime before it is worked. Failure to obtain preauthorization to work overtime or causing unauthorized overtime may result in disciplinary action up to and including termination.
 2. It is the responsibility of the Department Manager to determine whether overtime work will be allowed and whether an employee receives paid overtime or compensatory time off. ~~Payment for overtime [If an employee is paid for overtime worked, such payment]~~ shall be made in conjunction with the pay period in which the overtime occurred.
 3. Non-exempt employees will be paid one-and-one-half times (150%) their regular hourly rate of pay for each hour worked over 40 hours in a workweek. Annual leave and sick leave taken during a workweek shall not be considered ~~[as]~~ time worked when determining overtime compensation.
 4. For a shift-work employee who is routinely scheduled to work a holiday as part of a regularly scheduled shift, only the hours actually worked on an observed or recognized holiday shall be counted as time worked when determining if the employee has exceeded 40 hours in a workweek.
 5. For a ~~[salaried]~~ non-exempt employee who is not a shift-work employee, an observed holiday, whether worked or not worked, shall be counted as 8 hours of time worked when determining if the employee has exceeded 40 hours in a workweek.
 6. A non-exempt employee who is working on a holiday, and who is also working overtime, will be paid at a rate that is two times (200%) the employee's regular hourly rate of pay.
7. An exempt employee shall not be paid overtime or receive compensatory time.
- D. Compensatory Time. ~~[Employees]~~ A non-exempt employee may receive at the discretion of the Department Manager and in lieu of paid overtime, compensatory time-off at a rate not less than one-and-one-half hours for each hour worked for which overtime would otherwise be paid. The maximum compensatory time that an employee may accrue shall be at the discretion of the Department Manager, but in no event shall it exceed fifty hours.
 - E. A Department Manager has the discretion, applied equitably and on a case-by-case basis, to compensate ~~[an]~~ a non-exempt employee, not on stand-by, at the rate of one-and-one-half times 150% the employee's hourly rate of pay for each additional hour worked if the employee is requested to work after regular hours (non-scheduled) regardless of whether the employee used vacation or sick leave during that week. An employee who is being paid overtime is not eligible for discretionary compensation.
 - F. Call-Back Pay. A non-exempt employee who is directed by an authorized employee to return to work after completing a normal shift shall be eligible for call-back pay. Call-back pay is three hours of pay, guaranteed, at the employee's straight-time hourly rate of pay or if an employee is required to work more than two hours, the employee will be paid one-and-one-half times (150%) the employee's hourly rate of pay for each hour worked.

1. Employees on stand-by status are not eligible for call-back pay and will be paid at standard pay rates or adverse conditions premium pay, as applicable.
 2. Employees who continue to work after completing a regularly scheduled shift or who come in early for a regularly scheduled shift are not eligible for call-back pay.
 3. Exempt employees are not eligible for call-back pay.
 4. An employee who is being paid overtime is not eligible for call-back pay.
- G. Call-Back Safety. The District intends that its employees not work continuously without adequate sleep. Therefore, if an employee is called-back and works outside of the employee's regularly scheduled shift and there are not at least nine hours between the end of the call-back work time and the beginning of the employee's next regularly scheduled shift, the employee will be required to not return to work for at least nine hours. Once the employee has been off for nine hours, the employee shall return to work and complete what remains of the employee's regularly scheduled shift, and the District then will consider the employee to have worked all hours of that shift. If, in the discretion of the employee's supervisor, in consultation with the Department Manager, the hours remaining in the employee's next regularly scheduled shift are not substantial, the employee shall not be required to return to work, but the District will consider the employee to have worked all hours of that shift. An employee's paid time away from work under this policy shall not be counted as hours worked toward eligibility for overtime pay.
- H. Stand-By Pay. Non-exempt employees are eligible for stand-by pay as approved in the annual budget for each 24-hour period of stand-by status. Employees on stand-by status are required by a Department Manager to keep themselves available for service by staying within contact range and being able to report to the District or job site as outlined in their job descriptions. Unless authorized in writing by the General Manager for a particular job position due to unique circumstances associated with that position, an exempt employee is [Exempt employees are] not eligible for stand-by pay.
- I. Premium Pay.
1. Shift-work employees covering a shift not part of their regular schedule shall be paid premium pay of one-and-one twentieth (105%) their normal hourly rate if the request to work is made with less than one-week notice, but more than 24 hours in advance. Premium pay of one-and-one tenth (110%) of the employee's normal hourly rate shall be paid if the request to work is made with less than 24 hours notice. Shift-work employees receiving premium pay:
 - (a) Shall be compensated with premium pay for each additional hour worked up to 40 hours per week. All hours worked over the normal 40-hour workweek shall be paid as overtime at a rate of one-and-one-half times (150%) the employee's normal hourly rate and will not receive any premium pay.
 - (b) Who work on a holiday outside their normal schedule shall receive any eligible premium pay based upon their normal hourly rate as outlined, in addition to pay at one-and-one-half (150%) for the hours worked on the holiday.
 2. Non-exempt employees shall be paid premium pay of one-and-one-quarter times (125%) their normal hourly rate for each hour worked outside their regularly scheduled shift if they are performing work associated with waterline break repairs or other similar unscheduled after-hours work in adverse outdoor conditions as

determined by the supervisor in consultation with the Department Manager. An employee is not eligible for this premium if the employee is being paid overtime.

- J. Meal Allowance. All employees are eligible for a meal allowance in the amount determined annually in the District budget.
 - 1. To receive the meal allowance, an employee must work two or more hours consecutively after the employee's normally scheduled shift. The employee may receive another meal allowance for each additional four hours of work.
 - 2. In addition, an employee may receive a meal allowance if the employee is requested to return to work for more than four consecutive hours after completing a normally scheduled work shift. The employee may receive another meal allowance for each additional four hours of work.
 - 3. An employee does not receive a meal allowance if the extra hours worked were arranged with the employee more than 24 hours in advance.

- K. Shift Differential. A shift differential will be paid to a shift-work employee whose shift includes more than two hours of work during eligible hours. Eligible hours are between 6 P.M. and 6 A.M. Monday through Friday and all day on Saturday and Sunday.
 - 1. The amount of the differential will be approved by the Board in the annual budget.
 - 2. An employee entitled to receive the differential is paid the differential for all hours worked during the applicable shift.
 - 3. An employee whose shift qualifies for the differential will receive differential in addition to any overtime or holiday pay that may also apply to that same shift.

3.3 DAYLIGHT SAVING TIME

- A. A shift-work employee who works on the day Daylight Saving Time begins in the Spring shall be paid for the number of hours the employee would have worked as if the change in time had not occurred.
- B. A shift-work employee who works on the day Daylight Saving Time ends in the Fall shall be paid for the number of hours the employee actually works.

CHAPTER 4
ATTENDANCE AND TIME-OFF

4.1 HOLIDAYS

The District recognizes the following thirteen days as paid holidays:

New Year's Day.....	January 1
Dr. Martin Luther King, Jr. Day	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Juneteenth National Freedom Day	Third Monday in June
Independence Day	July 4
Pioneer Day	July 24
Labor Day.....	First Monday in September
Columbus Day.....	Floating Holiday (see subsection J)
Veterans Day	November 11
Thanksgiving Day.....	Fourth Thursday in November
Day after Thanksgiving Day.....	Friday after Thanksgiving
Christmas Day.....	December 25

- A. New Year's Day, Independence Day, Pioneer Day, Veteran's Day and Christmas Day are rotating holidays. If a rotating holiday falls on a Saturday, the holiday will be observed on the preceding Friday, and if on a Sunday, the holiday will be observed on the following Monday.
- B. Authorized position employees and part-time employees designated by the General Manager are eligible to take a recognized holiday with pay.
- C. If a recognized holiday falls within an employee's use of approved annual leave, paid holiday hours will not be charged against the employee's annual leave.
- D. Subject to subsection E, a non-exempt employee who is required to work either on the day of a recognized holiday or (for a rotating holiday) on the day the holiday is observed, will be paid one-and-one-half times (150%) the employee's hourly rate of pay for each hour worked on those days. Time-and-one-half pay under this subsection D is in addition to:
 - 1. The ~~salary that a salaried~~ eight paid holiday hours a non-exempt employee who is not a shift-work employee is eligible to receive in connection with the holiday; or
 - 2. The eight hours of straight pay that a shift-work employee is eligible to receive in connection with the holiday.

- E. As determined by the Department Manager, a non-exempt employee who is required to work on both the day of a recognized holiday and, for a rotating holiday, on the day that same holiday is observed shall be paid time-and-one-half pay on one of those days and shall receive straight pay for hours worked on the other day.
- F. When an employee is entitled to receive time-and-one-half pay for having worked on a recognized holiday or, for a rotating holiday, on the day the holiday is observed, and with the prior approval of the Department Manager:
1. A [salaried] non-exempt employee who is not a shift-work employee may receive annual leave for an equivalent number of hours as would have been paid at time-and-one-half for working on the holiday instead of being paid time-and-one-half pay; or
 2. A shift-work employee may receive eight hours of annual leave instead of the eight hours of straight pay the employee is eligible to receive for the holiday.
- G. Subject to subsection H, a non-exempt employee in an authorized position shall receive eight hours of straight-pay or, with the prior approval of the Department Manager, may receive eight hours of annual leave instead of straight-pay, if the employee's scheduled day-off falls on the recognized holiday or, for a rotating holiday, on the day the holiday is observed.
- H. A shift-work employee who does not work on both the day a rotating holiday is recognized and the day that same holiday is observed shall only receive the benefit of subsection G for the day the holiday is observed.
- I. For purposes of computing overtime where a workweek includes a holiday, refer to^[5] Section 3.2.C.
- J. As indicated in the schedule above, authorized position employees and part-time employees designated by the General Manager will receive one floating holiday in each calendar year in lieu of Columbus Day.
1. The floating holiday will be recognized beginning January 1st of each year and must be used within that calendar year.
 2. An employee who begins work after January 1st will receive, on the day the employee is hired, the floating holiday for use during the remainder of that calendar year.
 3. The floating holiday is not treated as vacation or sick leave. As a result, failure to use the floating holiday within the calendar year does not allow for that day to carry over to any subsequent calendar year, does not include any type of pay upon retirement or termination of employment if it is unused, and may not be converted to any other type of leave or into a cash payment.
 4. An employee whose shift or work schedule includes more than eight (8) hours of work on the day the employee takes the floating holiday may be required to use annual leave in order to make up the difference between eight (8) hours and the number of hours the employee would have worked on that day.
 5. Employees shall schedule the use of the floating holiday in accordance with normal annual leave procedures.

4.2 ANNUAL LEAVE

- A. 1. All employees occupying authorized positions shall be eligible for annual leave. Annual leave shall accrue at the following rates:

LENGTH OF SERVICE	NUMBER OF HOURS PER MONTH	NUMBER OF 8-HOUR DAYS PER YEAR
Up to 5 Years	8	12
More than 5 Years and up to 10 Years	10	15
More than 10 Years and up to 15 Years	12	18
More than 15 Years and up to 20 Years	14	21
More than 20 Years	16	24

2. Part-time employees are eligible for annual leave on a prorated basis. For example, an employee working [~~30~~] 20 hours per week would receive [~~75~~] 50 percent of the hours shown in the table above.
3. The maximum number of annual leave hours which can be carried forward from one calendar year to the next is 320 hours. Any hours in excess of 320 on December 31 of any year are forfeited.
4. Upon hire, all full-time employees shall receive an advancement of 48 hours of annual leave. Part-time employees are eligible for a prorated amount of advanced annual leave. Accrual of additional annual leave will begin after six months of continual employment. If any employee terminates employment prior to the completion of six months of continual employment, any remaining amount of the employee's initial allotment of annual leave will not be paid out at termination, as outlined in Section 8.2.B.
5. The Board, at its discretion, may grant any employee additional annual leave than that provided in the table above, either permanently or temporarily, if the Board determines it is in the best interests of the District.
- B. Where possible, time-off for annual leave shall be requested at least one week in advance. All annual leave must be approved by the immediate supervisor and the Department Manager or an Assistant General Manager who has supervisory authority over the employee.
1. Consideration will be given to the employee's preference when scheduling annual leave; however, annual leave must be scheduled to provide minimum interference with the continuance of normal operations.
2. A [~~salaried~~] non-exempt employee **who is not a shift-work employee and** whose regular schedule calls for the employee to work more than 8 hours per day may be required to use annual leave on a holiday in order to make up the difference between 8 hours and the number of hours the employee would have worked on that day.
- C. All benefits outlined in Chapter 5 will continue to accrue to an employee when annual leave is used.

- D. Annual leave shall not be taken unless an employee has accrued in advance a sufficient number of hours as those to be used, except as approved at the discretion of the General Manager.
- E. Exempt employees are expected to fulfill the duties of their job position, typically are at work during normal business hours for the time period associated with the employee's job position, unless a different schedule has been approved, and are expected to work an average of 80 hours in a two week period – although the number of hours worked each week may vary to meet the employee's responsibilities and District needs.
 - 1. In accordance with FLSA requirements concerning employees who are not eligible for overtime, exempt employees who are off work for less than four hours in a workday on an occasional basis shall not have their annual leave deducted.
 - 2. An exempt employee who is absent for more than four hours in a workday shall utilize available annual leave to make up the difference between the number of hours actually worked and the number of hours the employee would ordinarily have worked on that day.
 - 3. Exempt employees are subject to the same conditions and limitations applicable to absences from work as non-exempt employees for personal reasons and the qualified and proper use of annual leave, except that deductions from pay for less than one full day's absence will not be made if all available annual leave has been used.

4.3 SICK LEAVE

- A. Sick leave is provided for sick or injured employees who are unable to be on the job.
 - 1. Sick leave shall accrue for all authorized-position employees at the rate of eight hours for each month of service. Part-time employees may accrue sick leave on a prorated basis.
 - 2. Upon hire, all full-time employees shall receive an advancement of 48 hours of sick leave. Part-time employees are eligible for a prorated amount of advanced sick leave. Accrual of additional sick leave will begin after six months of continual employment. If any employee terminates employment prior to the completion of six months of continual employment, any remaining amount of the employee's initial allotment of sick leave will not be paid out at termination, as outlined in Section 8.2.C.
 - 3. [There shall be no limit to the amount of sick leave that can be accumulated.] As of November 30 of each year, and subject to the provisions in subsection J, the maximum number of sick leave hours an employee is allowed to carry over to December 1 is 800 hours.
- B. Employees (i) who are incapacitated by illness, injury, or maternity, or (ii) whose attendance is prevented by public health requirements, or (iii) who will care for an ill or injured family member as designated in the Family Medical Leave Act, shall be granted sick leave with pay to the extent accrued. The District reserves the right to require a note from a physician for leaves of absence due to illness, injury, or other medical reasons.
- C. If an employee will miss a scheduled shift due to injury or illness, the employee shall personally, when possible, talk to the employee's supervisor at least 30 minutes prior to the scheduled shift and advise the supervisor of the employee's health condition. If the absence

is prolonged, the employee will call in daily, or as scheduled with the supervisor, to keep the supervisor informed of the employee's recovery.

- D. A shift-work employee who will miss a scheduled shift due to injury or illness should give the employee's supervisor as much notice as possible (so the shift can be rescheduled with as little inconvenience to other employees as possible). If the absence is prolonged, the employee will call in daily, or as scheduled with the supervisor, to keep the supervisor informed of the employee's recovery.
- E. ~~[An]~~ A non-exempt employee, with the prior approval of the employee's immediate supervisor, may use sick leave to attend personal medical or dental appointments. The employee is expected to return to work following an appointment. Any such post-appointment absence on the day of the appointment shall be taken as annual leave, unless the employee can demonstrate to the employee's supervisor that the absence was due to the employee's illness or injury.
- F. All benefits outlined in Chapter 5 will continue to accrue to an employee when sick leave is used.
- G. Sick leave shall not be taken unless an employee has accrued in advance a sufficient number of hours as those to be used, except as approved at the discretion of the General Manager.
- H. Exempt employees are expected to fulfill the duties of their job position, typically are at work during normal business hours for the time period associated with the employee's job position, unless a different schedule has been approved, and are expected to work an average of 80 hours in a two week period – although the number of hours worked each week may vary to meet the employee's responsibilities and District needs.
 - 1. In accordance with FLSA requirements concerning employees who are not eligible for overtime, exempt employees who are off work for less than four hours in a workday on an occasional basis shall not have their sick leave deducted for sick time taken.
 - 2. An exempt employee who is absent for more than four hours in a workday for a reason described in this Section 4.3 shall utilize available sick leave to make up the difference between the number of hours actually worked and the number of hours the employee would ordinarily have worked on that day.
 - 3. Exempt employees are subject to the same conditions and limitations applicable to absences from work as non-exempt employees for personal medical or dental appointments, sickness and the qualified and proper use of sick leave for illness, injury or funeral attendance, except that deductions from pay for less than one full day's absence will not be made if all available sick leave has been used.
- ~~[H.]~~ I. Accumulated sick leave ~~[may be]~~ is paid out to an employee as provided in:
 - 1. Section 5.5 when an employee retires; or
 - 2. ~~[Section 11.16]~~ Subsection J if ~~[an employee elects to convert]~~ sick leave is converted ~~[as provided in that section]~~.
- J. The District rewards employees for good attendance in the form of sick leave conversion.

1. At the option of the employee, the unused portion of sick leave accrued from December 1 of the prior year to November 30 of the current year may be converted to cash (at the employee's then-current rate of pay, less any applicable taxes and withholdings), to an equal amount of annual leave, or remain as accrued sick leave. If sick leave is converted, the conversion rate is:
 - (a) 25 percent of that year's unused sick leave if total accrued sick leave is less than 480 hours; or
 - (b) 50 percent of that year's unused sick leave if total accrued sick leave is at least 480 hours.
2. Except as provided in subsection J.3, an employee with more than 800 hours of accrued sick leave on November 30 of the current year, after making any conversion allowed under subsection J.1., shall have the number of sick leave hours over 800 converted to cash at 100% of the employee's then-current rate of pay, less any applicable taxes and withholdings.
3. The District shall continue to recognize sick leave accrued by an employee in excess of 800 hours as of November 30, 2022, provided that:
 - (a) The mandatory conversion of sick leave to cash described in subsection J.2. shall apply to sick leave accrued by the employee after November 30, 2022; and
 - (b) If the employee uses accrued sick leave in a manner that causes the employee's sick leave balance as of November 30, 2022, to decrease, the employee may not rebuild the sick leave balance until total accrued sick leave falls below 800 hours.

4.4 COMPENSATORY LEAVE

~~[A]~~ A non-exempt employee who has earned compensatory time will be allowed compensatory leave. Time-off for compensatory leave shall be requested as far in advance as reasonably possible. All compensatory leave must be approved by the employee's immediate supervisor and the Department Manager or the General Manager. Consideration will be given to the employee's preference when scheduling leave; however, compensatory leave must be scheduled to provide minimum interference with the continuance of normal operations.

All benefits outlined in Chapter 5 will continue to accrue to an employee when compensatory leave is used.

4.5 EMERGENCY PAID LEAVE

In the event of an emergency, the General Manager may approve emergency paid leave for affected employees. Emergency is defined as a serious, unexpected, and often dangerous situation with the potential to affect multiple individuals, such as an earthquake, fire, flood, dam failure, pandemic, or a terror attack. The impact to employees, caused by the emergency, may include personal illness or injury, the need to care for an ill or injured family or household member, or the inability to report to work or to telework.

The General Manager may approve up to 80 hours of emergency paid leave, per emergency event, for each affected employee. This leave is in addition to the District's regular paid sick and annual

leave. The General Manager shall prepare a report to the Board summarizing the emergency paid leave granted under this policy. Additional emergency paid leave, beyond the initial 80 hours, may be authorized by the Board at its discretion.

When emergency paid leave also qualifies as Family and Medical Leave (FMLA), it will count towards FMLA as outlined in Section 4.14 below.

4.6 MILITARY LEAVE OF ABSENCE

The District will grant military leave of absence as required by law. An employee who is on active military service shall be allowed supplemental salary equal to the difference between military pay (taxable income on a military pay voucher) and District pay (base salary) when the employee's military pay is less than District pay, for a period of 18 months beginning on the commencement of military service. A copy of military orders and documentation of military pay is required for salary supplementation.

- A. Health Benefits. The District shall continue to pay its portion of the cost of medical and dental benefits for a period of up to 18 months following the commencement of active military service. The employee may use accrued sick leave and annual leave, to the extent available, to pay the employee's portion of the benefits; otherwise, the employee is responsible for paying the employee's respective portion. The Board, in its discretion, may approve exceptions to this policy on a case-by-case basis. Certain benefits may also be extended in accordance with COBRA.
- B. Medical Examination. When an employee is released from active military service and is ready to return to work with the District, that person shall be sent for a medical examination and for alcohol and drug testing at the District's expense. The purpose of the examination is to determine the employee's fitness for re-employment.
- C. Benefits. An employee, having been released from active military service, who is returning to employment with the District, shall retain all annual, sick, and other leave to which the employee was entitled immediately prior to the commencement of active military service, except any leave used to pay for health benefits under Section 4.6 A., above. An employee also shall receive and earn benefits and compensation at a level not less than that to which the employee would have been entitled had that person not been absent due to active military service. The employee will not accrue annual leave or sick leave while on long-term military leave and will not be paid for holidays.

4.7 SHORT-TERM MILITARY LEAVE OF ABSENCE

Any employee who is required to report for short-term military service should request approval from the Department Manager. Military service for no longer than two consecutive weeks shall be considered "short-term."

- A. Such leave will be granted, provided that arrangements can be made to have the employee's work performed by others. If suitable arrangements cannot be made, it may be necessary for the employee and the District to request an exemption from tour of duty.
- B. An authorized position employee who has completed the introductory probationary period, will be compensated for the difference between District pay and military pay for the maximum of 80 hours per year for short-term military leave, if military pay (taxable income on a military pay voucher) is less than District pay (base salary).
- C. The District shall address military leave lasting longer than two consecutive weeks under its Military Leave of Absence policy in Section 4.6, above.

- D. Required weekend military duty should be on the employee's own time. If necessary, the employee should make arrangements so that the employee is not scheduled to work on those weekends.
- E. All benefits outlined in Chapter 5 will continue to accrue to an employee when short-term military leave is granted.

4.8 FUNERAL AND PREGNANCY LOSS LEAVE

- A. Upon approval of the Department Manager, an authorized-position employee or part-time employee shall be allowed leave with pay to attend a funeral or memorial service upon the death of an immediate family member, which includes spouse, parent, child, grandchild, grandparent, brother, sister, parent-in-law, brother-in-law, sister-in-law, son-in-law, daughter-in-law, legal guardian, spouse's grandparent, stepchild, or stepparent. The length of leave granted shall be three days for the death of a spouse, parent or child, and two days for all others included in the definition of immediate family.
- B. In the event of the death of someone other than an immediate family member, arrangements to attend the funeral or memorial service, using available annual leave, shall be made with the employee's supervisor.
- C. Pregnancy Loss Leave.
 - 1. An employee shall be allowed three days of leave with pay following the end of the employee's pregnancy by way of spontaneous or accidental loss of a fetus, regardless of gestational age of a fetus or the duration of the pregnancy.
 - 2. Three days of leave is also allowed for an employee who:
 - (a) Is the spouse or partner of the individual described in subsection C.1.;
 - (b) Is the former spouse or partner of the individual described in subsection C.1. and would have been a biological parent of a child born as a result of the pregnancy;
 - (c) Provides documentation to show that the individual described in subsection C.1.intended for the employee to be an adoptive parent, as that term is defined in Utah Code Ann. section 78B-6-103, of a child born as a result of the pregnancy; or
 - (d) Would have been a parent of a child born as a result of the pregnancy under a valid gestational agreement in accordance with Utah Code Ann. Title 78B, Chapter 15, Part 8, Gestational Agreement.
- D. Leave described in this section is not available for temporary positions.
- E. Additional Time Off. The availability or use of leave under this section 4.8 does not restrict an employee, upon approval of the Department Manager, from using available annual leave or sick leave to take a reasonable amount of additional time off in conjunction with the death of an immediate family member or the end of a pregnancy.

4.9 COURT LEAVE

An authorized position employee or part-time employee who is required by municipal, state, or federal governments to perform court duty as a juror shall be granted leave for the duration of such duty at the employee's regular rate of pay. Checks received as payment for court duty shall be endorsed to the District by the employee and submitted to the Treasurer.

All benefits outlined in Chapter 5 will continue to accrue to an employee when court leave is used.

4.10 TRAINING LEAVE

Leave with full or partial pay may be granted for attendance at professional conferences and meetings for education or training purposes when these activities are in the interest of the District. This leave must be approved by the General Manager, upon recommendation of the Department Manager.

All benefits outlined in Chapter 5 will continue to accrue to an employee when training leave is used.

4.11 WORKERS COMPENSATION LEAVE

A. The District maintains workers' compensation insurance coverage for all employees as required by state law. This insurance provides medical and wage loss coverage for injuries sustained while an employee is working for the District.

1. All job-related injuries, illnesses, and accidents, regardless of severity, must be reported in accordance with the District's Workplace Safety Manual.

2. An employee's failure to report work-related injuries or accidents timely may adversely affect the availability of workers' compensation benefits to the employee and may subject an employee to disciplinary action up to and including termination.

B. The District recognizes that workers' compensation benefits may not fully replace an employee's regular pay. An employee on workers' compensation leave may, at the employee's discretion, supplement the employee's income by using accrued paid leave (e.g., annual leave or sick leave) to make up the pay difference between what workers' compensation is paying and the amount of regular pay. The guidelines for wage supplementation while on workers' compensation leave are as follows:

1. An employee on workers' compensation leave is eligible to use accrued paid leave, at the employee's discretion, to supplement the employee's income.

2. An employee may only use accrued paid leave to make up the difference between what workers' compensation is paying and the employee's regular pay. An employee may not use paid leave to receive more than the employee's regular pay.

4.12 DISABILITY LEAVE

The District provides long-term disability insurance coverage for its employees as discussed in Chapter 5. Typically, an employee who has qualified for long-term disability insurance has exhausted all available leave options such as FMLA, ADA, and paid leave, is not able to perform the essential functions of the employee's job, and employment is terminated. An employee who has exhausted all available leave options and qualifies for long-term disability, but intends to return to work, may request, and at the discretion of the General Manager be granted, leave without pay for a period not to exceed sixty (60) consecutive calendar days. Leave without pay shall not be regarded as an acquired right by employees and shall be granted only when service to the District will not be

adversely affected. An employee on leave without pay status will not accrue annual or sick leave, or holiday paid leave. If an employee fails to return to work by the end of the designated leave without pay period, the employee's employment will be terminated.

Contributions to the District's retirement plans will be based only on the wages paid to the employee through the use of annual or sick leave unless stipulated by Utah Retirement Systems.

The District will continue to provide health insurance coverage for employees that have qualified for long-term disability and have been granted a leave without pay period, subject to the employee paying 100% of the premium amount. Benefit entitlements based upon length of service will be calculated as of the last workday before the start of the long-term disability leave without pay, if the employee fails to return to work.

4.13 TARDINESS

The needs of the District dictate that employees be present and ready to begin work at their normal starting time and, with the exception of their scheduled lunch period, remain for their normal hours of work. Occasionally, situations may arise that will delay an employee in arriving at work at the proper starting time.

- A. Employees who are going to be late for work for any reason should make every attempt to contact their supervisor beforehand.
- B. Employees who must be absent from work because of personal business should arrange with their supervisor to be excused.
- C. The immediate supervisor shall maintain lateness records for all employees for whom time sheets are issued, and should lateness become excessive, the employee may be subject to disciplinary action up to and including termination.

4.14 FAMILY AND MEDICAL LEAVE

The District intends to comply with the requirements of the Family and Medical Leave Act ("FMLA") which allows an eligible employee up to a total of 12 workweeks of unpaid leave during any 12-month period under certain qualifying conditions. Details and conditions of FMLA leave are described in the Federal notice "Employee Rights and Responsibilities under the Family Medical Leave Act." A current copy of the notice is included in Appendix 5.

- A. 12-Month Period. The District calculates the 12-month period in which leave for the above purposes may be taken on a "rolling" basis, meaning that the 12-month period is measured backward from the date an employee uses any FMLA leave.
- B. Required use of Paid Leave. The District requires employees using FMLA leave to use any accrued paid leave (annual, sick, or comp-time). Once the accrued paid leave is exhausted, remaining FMLA leave will be unpaid. In some circumstances when the leave is foreseeable (such as leave to care for a new baby), the District may allow paid leave to be prorated over the length of the leave to help provide continuous income and to cover the employee's cost of benefits.
- C. Requirement to Label FMLA as such. In accordance with the U.S. Department of Labor's March 2019 Opinion Letter, the District must label leave that is being taken for a FMLA-qualifying reason as FMLA, even if the employee indicates a desire to just use paid leave.
- D. Notice to Supervisor. An employee who intends to use FMLA leave should contact the employee's supervisor and the Human Resources Manager.

4.15 LIGHT DUTY

- A. Except as otherwise required by law, an employee who is recovering from an illness and/or medical treatment may receive up to thirty (30) consecutive calendar days of light duty over a rolling three (3) year period. "Light duty" means work assignments that are less physically demanding than the employee's normal work assignments.
- B. To qualify for light duty, an employee must (i) not be on probation or subject to disciplinary action; (ii) provide to the Human Resources Manager a note from a medical doctor that describes the work restrictions of the employee and proposes a period of time for light duty; and (iii) receive prior written consent from the Assistant General Manager who has supervisory authority over the employee or the General Manager. Consent for light duty work is discretionary and may be withheld for any reason.
- C. An employee who receives light duty may be assigned temporarily by the General Manager or the Assistant General Manager who has supervisory authority over the employee to any department, division, workforce, or position in the District.
- D. Nothing in this policy limits any rights an employee may have under the Americans with Disabilities Act or the Family and Medical Leave Act.

4.16 ADMINISTRATIVE LEAVE

- A. The District wants to promote productivity, unity and positive morale, and to reduce health insurance costs. To assist in accomplishing these goals, the District provides opportunities for employees to voluntarily participate in appropriate physical and community service activities.
- B. A non-exempt employee, with the approval of the employee's supervisor, may take up to one hour of administrative leave each week to participate in physical fitness or community service activities, either individually or as part of a group.
 - 1. Allowed community service is limited to performing service in the conservation garden park, along a public trail, or an activity approved by the General Manager.
 - 2. In accordance with subsection 4.2.E., exempt employees may also participate in these activities, but do not receive administrative leave to do so.
 - 3. Unused administrative leave under this subsection does not accumulate and may not be carried over to a future time period.
- C. For an activity described in subsection B:
 - 1. Participation is voluntary and not part of an employee's job duties or expectations;
 - 2. Any travel to and from the activity is at an employee's own expense;
 - 3. The activity must be distinctly different from an employee's primary work activities; and
 - 4. An employee may not receive total leave of more than one hour per week, even if the employee participates in more than one qualifying activity in the same week.

4.17 OTHER LEAVE REQUIRED BY LAW.

The District shall provide employees with any and all additional leave required by law in accordance with the standards and conditions of the applicable statutory enactment and any official rules or guidance issued to implement such law.

CHAPTER 8 TERMINATION

8.1 TYPES OF TERMINATION

- A. An employee may voluntarily resign from the District and is encouraged to give two weeks' prior notice. The employee should submit a letter of resignation to the employee's Supervisor, Department Manager, or the Human Resources Manager.
- B. An employee may be terminated for disciplinary reasons based upon a finding of "just cause."
- C. An employee who meets the qualifications for retirement in the Utah Retirement System may elect to retire.
- D. It is possible that budgetary constraints or reorganization of work assignments could require a reduction in work force. Budgetary constraints or reorganization of work assignments constitutes "just cause" for termination of employment with the District.
- E. An employee may be terminated based on unavailability when all available leave options, such as FMLA, ADA, paid leave, and leave without pay, have been exhausted and the employee is unable to return to work.
- F. Death of an employee.

8.2 OUTSTANDING PAY

This policy describes the payment of compensation due an employee upon termination of employment.

- A. The employee will receive pay through the last day worked, including any overtime, call-back, [~~standby;~~ stand-by, and shift differential compensation earned during the pay period.
- B. Any accumulated, unused annual leave, not to exceed 320 hours, will be paid at the employee's then-current gross hourly rate, less any applicable taxes and withholdings. Unused advanced annual leave granted upon hire as outlined in Section 4.2.A.4 will not be paid at termination.
- C. The current year's accumulated, unused sick leave will be paid as sick leave conversion, as outlined in [~~Section 4.1.16~~] subsection 4.3.J. Unused advanced sick leave granted upon hire as outlined in Section 4.3.A.2 may not be converted and will not be paid at termination.
- ~~D. Payment will be made for 25 percent of the current year's accumulated, unused sick leave at the employee's then-current gross hourly rate, less any applicable taxes and withholdings.]~~
- ~~D.~~ ~~[E.]~~ Any accumulated hours of compensatory time will be paid at the employee's then-current gross hourly rate, less any applicable taxes and withholdings.
- ~~E.~~ ~~[F.]~~ If an employee voluntarily terminates employment, the employee may select a pay-out option from those available in the Awards Program for all award points then-accumulated in the employee's account. If an employee's employment is involuntarily terminated, the employee will be paid for all award points then-accumulated in the employee's account.

- F. [~~G.~~] An employee who elects voluntary retirement may have other benefits which are described in Chapter 5 of this Manual.
- G. [~~H.~~] An employee who is terminated by the District shall receive a final paycheck within 24 hours.
- H. [~~I.~~] An employee who voluntarily resigns shall receive a final paycheck on the next regular payday.

CHAPTER 11
MISCELLANEOUS POLICIES

11.1 TELEPHONE USE

- A. Telephone equipment is for business purposes. It is recognized that some personal telephone calls are necessary. The duration of these calls, both in-coming and out-going, should be as brief as possible and the number of calls kept to a minimum.
- B. If an employee's personal use of District telecommunications equipment results in a charge to the District, the employee shall reimburse the District for the costs incurred.

11.2 IDENTIFICATION BADGES

A. Employees.

- 1. Employees shall wear District ID badges at all times when on District property.
- 2. An employee who does not have the employee's District ID badge will be issued a visitor ID badge for the day. Failure of an employee to wear a District ID badge may be grounds for disciplinary action, up to and including termination.
- 3. District ID badges shall be surrendered at termination of employment.

B. Visitors.

- 1. All visitors shall sign-in at reception areas, receive a visitor ID badge, and be escorted from the reception area to the work or meeting area they are visiting by a District employee.
- 2. Visitor ID badges shall be worn by all non-employees on District property, except in designated entrances, reception areas, restrooms, and public meeting rooms, which include:
 - (a) Administration Building reception area and adjacent public restrooms;
 - (b) Administration Building Board Room;
 - (c) Demonstration Gardens and parking lot adjacent to Administration Building;
 - (d) Maintenance Building reception area and adjacent public restrooms;
 - (e) Maintenance Building conference room;
 - (f) JWVTP receptionist area and adjacent public restrooms;
 - (g) SERWTP reception area; and,
 - (h) SWGWTP reception area.

C. Contractors.

- 1. Contract workers on District property shall sign-in at the commencement of the project work, show a valid driver license or other official state photo ID, and receive a contractor ID badge. The District may maintain photocopies of the contract worker's driver license or official State ID for the duration of the project work.

2. Any worker who is present on District property for less than thirty minutes in any twenty-four-hour period to deliver materials or equipment shall sign-in and show a valid driver's license or other official identification. The worker need not be issued an ID badge, provided the worker is at all times accompanied by a contract worker wearing a contractor ID badge.
3. Contract workers shall wear their contractor ID badges in a visible location at all times. Workers who do not have a badge will be required to leave the District's property immediately.
4. It shall be the responsibility of the contractor to collect contractor ID badges from contract workers who are finished with the project work and to sign-in new workers as they start the project. All contractor ID badges must be turned-in and accounted for by the contractor at the completion of the project.

D. Safety and Security.

1. District employees shall report anyone on District property who does not display an appropriate ID badge.
2. If an intruder appears to present a safety or security threat in any way, employees shall notify as soon as possible public safety officials by calling 911.

11.3 BULLETIN BOARDS

District bulletin boards are a supplemental form of communication, providing quick dissemination of information to employees.

- A. The District's bulletin boards will be used primarily for subjects of a business nature. They also may be used for notices of recreational clubs or organizations, for information concerning safety procedures, for product news, want ads, and other general interest items.
- B. All posted material should show a posting date and removal date. Except for federal, state, and certain District notices, the normal removal date is two weeks after the posting date.
- C. Notices should be posted in the available space and should not cover other material on a bulletin board.

11.4 PARKING

Parking is available at all District facilities for each employee's personal vehicle on a first-come, first-serve basis, with the following restrictions:

- A. District customers and members of the public frequently visit District facilities. Accordingly, employees are not to park in parking spaces closest to the main entrance of the Administration Building, the Maintenance Building, the JWTP, and the SERWTP, or any other District facilities that are open to the public. Generally, this means the first row of parking spaces closest to the main entrance of any facility.
- B. Parking spaces near entrances to facilities are reserved for vehicles owned by the District that require frequent in-and-out usage during the day. However, these vehicles should not be parked in areas set aside for customers, visitors, vendors, etc.
- C. Disabled parking has been specified at some facilities, and it will be available for disabled employees and the public.

- D. Vehicles are not to be parked in undesignated areas, except for very brief periods to accommodate deliveries, do maintenance work, and similar business.
- E. The District will not be liable for fire, theft, damage, or personal injury involving employees' vehicles. Employees should use good judgment regarding the security of their vehicles.

11.5 SUPPLIER AND VENDOR RELATIONS AND GIFTS

- A. Trustees and employees shall conform with District policies and procedures and with the "Utah Public Officers' and Employees' Ethics Act," Utah Code Ann. (1953) §§ 67-16-1 et seq., as amended.
- B. Trustees and employees shall not accept anything from anyone that (i) would tend to influence a decision to secure goods or services from outside vendors, consultants, or contractors; or (ii) would tend improperly to influence a reasonable person in the Trustees' or employee's position to depart from the faithful and impartial discharge of their public duties; or (iii) the Trustee or employee knows (or a reasonable person in that position should know under the circumstances) is primarily for the purpose of rewarding the Trustee or employee for official action taken; or (iv) is given in exchange for assisting any person or business entity in any transaction involving the District.
- C. Requests by a vendor, consultant, or contractor to have an employee travel, at the expense of the vendor, consultant, or contractor, to inspect facilities, review plans, or any other similar activity must be approved by the General Manager in advance and reported to the Board of Trustees at the next regular Board Meeting.

Note: For other gift policies, see section 9.3 of the Administrative Policy and Procedures Manual and section XVII of the District's Procurement Policy in Appendix 3.

11.6 COMMUNICATIONS

The Chair of the Board of Trustees and the General Manager are the official spokespersons for the District. All inquiries from the news media should be directed to the General Manager, an Assistant General Manager, or to the Public Information Manager.

11.7 SAFETY

- A. The District's objective is a safety and health program that will reduce the number of injuries and occupational illnesses to a minimum.
- B. The District wants to maintain an occupational injury-free and illness-free workplace in compliance with all applicable State and Federal statutes and regulations. To this end, the District will provide necessary safety equipment and provisions for its employees.
- A. The General Manager is authorized and directed to develop, to adopt, to amend, and to revise periodically, at the General Manager's discretion, a safety program for the District, including but not limited to:
 - 1. Developing and maintaining a Workplace Safety Manual detailing District safety procedures and practices.
 - 2. Providing safety equipment for employees and physical safeguards for District facilities to minimize exposure to injuries;
 - 3. Conducting a program of safety inspections to identify and eliminate unsafe working conditions or practices;

4. Training employees in good safety and health practices;
 5. Providing the necessary personal protective equipment for each employee and instructions for its use;
 6. Developing and enforcing safety and health rules and requiring that employees comply with these rules as a condition of employment; and,
 7. Thoroughly and promptly investigating incidents to determine the cause, correct the problem, and prevent recurrence.
- D. The General Manager, may amend or revise the Workplace Safety Manual periodically. Employees shall comply with all terms, provisions, and obligations of the Safety Manual, as it may be amended or revised, and failure to do so may result in the loss of workers' compensation benefits, and/or the loss of insurance coverage, and disciplinary action, up to and including termination.

11.8 DAMAGE CLAIMS

Accidents involving property or harm or injury to another individual shall be reported promptly and fully as set forth in the District's policies, rules, procedures, and manuals.

11.9 EMERGENCY RESPONSE AND SECURITY PROCEDURES

- A. The District will develop emergency response plans and procedures to address expectations for employee response during emergency situations. In addition, the District will develop security procedures to provide for protection of its water supply, its facilities, its property, its customers, and its employees from criminal acts.
- B. The District has a responsibility to the public to maintain 24-hour emergency response in the case of disaster. All employees should be available to report to designated emergency response locations as soon as possible after securing the safety of their families.
- C. All employees are required to read and comply with the District's emergency response plans and procedures and security procedures. The District will provide training to all employees regarding emergency response and security procedures. Disregard or violation of emergency response and security procedures in the performance of duties or work will result in disciplinary action, up to and including termination.

11.10 PERSONAL APPEARANCE

- A. Proper personal appearance and hygiene are directly related to the ability of the District to maintain a positive image and reputation with its customers and with the general public. While employees have varying amounts of contact with the public, all employees should dress and act in a way that would not cause a reasonable person to be offended or register a complaint. District employees are also expected to present themselves in a way that promotes a positive and productive work environment.
- B. The District allows reasonable self-expression through personal appearance, but an employee's appearance should not create a conflict with the employee's ability to perform the employee's job effectively or with the employee's specific work environment, nor should it cause a reasonable person to be offended or feel harassed.
- C. Examples of personal appearance choices that violate this policy include jewelry, tattoos, or dress that:

1. Create a risk to the safety of the employee or others, or damage to District property.
 2. Violate District safety-related policies.
 3. Interfere with productivity or performance expectations.
 4. Include visible words or images that:
 - (a) Are extremist, racist, sexist or sexually suggestive;
 - (b) Are profane, disrespectful of a specific religion, national origin, sexual orientation or gender;
 - (c) Promote drug or alcohol use; or
 - (d) Convey affiliation with any organization or group that advocates intolerance, discrimination or unlawful conduct, including gangs.
- D. If a department manager, after consulting with an Assistant General Manager or the General Manager, determines an employee's personal appearance conflicts with this policy, the employee will be encouraged to identify appropriate options, such as removal of excess or offensive jewelry, covering of tattoos, change of dress, or other reasonable means to resolve the conflict. When a conflict occurs:
1. The employee's supervisor may ask the employee to temporarily leave the workplace in order to take necessary steps to address the conflict; and
 2. A non-exempt employee who needs to temporarily leave the workplace in order to take necessary steps to address a conflict will not be compensated for the time away from work.
- E. If an employee's poor hygiene or excessive use of perfume/cologne becomes an issue, the supervisor should discuss the problem with the employee in private and should point out specific areas of concern and needed correction.
- F. Some employees may be required to meet special dress, grooming, and hygiene standards, such as wearing uniforms or protective clothing, depending on the nature of the employees' job. Uniforms and protective clothing may be required for certain positions and will be provided by the District as described elsewhere in these policies.
- G. Supervisors and department managers will be responsible for explaining this policy and answering employee questions. If an agreeable solution cannot be reached at that stage, the Human Resources Manager will follow District procedures to assist in resolving the issue, which may include disciplinary action up to and including termination.

11.11 COMPUTER AND INTERNET POLICY

- A. General Provisions. This policy shall govern the use of the District's computer information systems and related equipment ("System") by any user ("User"), specifically including but not limited to District employees, contract workers, consultants, and contractors. This policy refers to all System resources, including but not limited to personal computers, mini computers, network servers, database systems, SCADA systems, security systems, printers, e-mail, voice mail, data, software, hardware, and associated peripherals and systems.

- B. The District provides employees with access to the District's computer and e-mail system that may include internet access. The District e-mail and internet are provided for business purposes, although employees may use e-mail or internet for personal reasons on an appropriate, limited basis subject to the following:
1. All communications and stored information transmitted, received or contained on the System are the District's property.
 2. Communications on the System are not considered private. By using the System, employees are consenting to allow their actions to be monitored at the District's discretion. Employees expressly waive any right of privacy in anything they access, create, store, send or receive on the System. If there is evidence that an employee is not adhering to the guidelines in this policy, the District reserves the right to take disciplinary action, up to and including termination.
 3. The following list contains examples of System activities that may subject employees to disciplinary action, up to and including termination. This list is illustrative and not exhaustive of acts that may result in disciplinary action:
 - (a) Users shall not circulate material with sexual content or offensive language, derogatory comments toward any particular class of people, or content that otherwise violates the District's anti-discrimination policies;
 - (b) Users shall not transmit trade secrets or confidential and proprietary information of the District or of any person or entity, including but not limited to passwords, credit cards, or social security numbers;
 - (c) Users shall not purchase, download, copy or share unlicensed computer software or copyrighted information that is not authorized for reproduction;
 - (d) Users shall not use any computer in a way that results in direct cost to the District;
 - (e) Users shall not circulate material that discredits or damages the District, its employees, its Trustees, its Member Agencies, or its customers;
 - (f) Users shall not attempt to modify, move, install or remove computer equipment, software, or peripherals without the permission of the IS Department Manager; any computer equipment assigned to a User for home use, or which is portable, shall be pre-approved by the employee's Department Manager and shall be properly signed-out with the IS Department Manager;
 - (g) Users shall respect the privacy and personal rights of others. Users shall not access the personal files and directories of other Users without prior permission. Users shall not copy confidential data to portable devices, including but not limited to laptops, disks, hard drives, CDs, USB drives, and/or any other type of mass storage device. Users shall not copy, download, e-mail, or transmit confidential data from the System. Users shall not re-post any message which was sent to them privately without the permission of the person who sent the message. Private messages shall be marked by the sender as "Private," "For Your Eyes Only," "Confidential," or have a clear indication that the message is for the intended receiver only. Also, Users shall not post personal information about themselves or others, including address, telephone number, or other personal information;

- (h) Users shall not intentionally develop or use programs which disrupt other computer Users, provide unauthorized access to restricted portions of the System, or damage the hardware or software components of the System. Users shall not make deliberate attempts to disrupt the System performance or destroy data by spreading computer viruses or by any other means;
- (i) Users shall respect the limited resources of the System. Users shall not download large files unless necessary and shall consult with the IS Department Manager before downloading any file(s) which exceed 5 GB;
- (j) Users shall not use the System to engage in any illegal acts or in any activities that may give rise to civil liability for the District;
- (k) Users of electronic communication shall not send false, fraudulent, harassing, obscene, or threatening messages. Users shall not use the System to access material that is profane, obscene, pornographic, that advocates illegal acts, or that advocates violence or unlawful discrimination towards other people. If a User unintentionally accesses such information, the User shall immediately disclose the access to the User's Department Manager and to the IS Department Manager. Users shall not display on computers any images, sounds, or messages which would create an atmosphere of discomfort or harassment to others;
- (l) Network and other computer accounts are issued to individual Users with the understanding that the account(s) shall not be used by anyone other than the person to whom the account(s) were assigned. Upon termination of employment, the User's account(s) shall be discontinued;
- (m) Passwords shall be used by a User for access to the System. Passwords should be known only by the individual User and should be non-trivial. Under no conditions should a User provide the User's password to another person. Users should avoid using passwords such as names, initials, birth dates, Social Security numbers, or other common items; Users are encouraged to pick two random, unrelated words, add capitals, add a number, and add a special character. Avoid posting passwords on workstations, under keyboards, or in other easily discovered areas. The District reserves the right to reset an employee's password(s) at any time;
- (n) Users may access the System for incidental and occasional personal use, provided the access and use (i) shall not interfere with the User's work performance; (ii) shall not interfere with others' access to the System; (iii) shall not be excessive; (iv) shall comply with District policies; (v) shall not involve gambling, pornography, or any illegal activity; (vi) shall not expose the District to unauthorized expense; (vii) shall not disrupt or impede the conduct of District business; and, (viii) shall not involve solicitation or for-profit personal business activity;
- (o) When System changes in hardware, software, or procedures are planned, Users will be notified of the change(s) to ensure that they will have enough time to prepare for the change(s);
- (p) All administrative computer equipment and software should be kept in a physically secure place to provide protection from unauthorized access;

- (q) Under some circumstances, as a result of investigations, subpoenas, or lawsuits, the District may be required to provide electronic or other records or information. These requests should be directed to the General Counsel for review before any information is released. Anything on the System, including personal data, could be disclosed to third parties pursuant to legal process;
- (r) No User has an expectation of privacy for any information on the System, including but not limited to personal information. The District may review, monitor, authorize access to third parties for, and/or disclose any information on the System in furtherance of a legitimate District operational, management, legal, or compliance purpose. The District, at its discretion and without notice, may block access to Web sites and/or System resources; and,
- (s) No User, when accessing or using the System, shall be represented or identified as someone else, including either a fictional or real person.

- 4. The District does not support or condone the use of pirated or illegally obtained software or equipment.
- 5. Users should keep their computer locked and password protected while not at their desk.
- 6. In the event an employee is no longer employed by the District, the employee shall return all equipment, passwords, and data, and the employee shall destroy all copies of District contact information in the employee's possession.
- 7. The District does not support, advise, or offer repair services for any equipment that is not owned by the District. In the event that a device not owned by the District connects to the District network, it is subject to monitoring by the District. It is the device owner's responsibility to ensure that the device is virus and malware free and running a current anti-virus. In the event the device does any damage to the District's network, devices, or data, the owner of the device shall be held liable for the damage.

C. District Websites and Social Media. The District has established websites that present information about the District and associated programs and services. In addition, the District uses various social media profiles to communicate with the public across multiple platforms such as Facebook, Instagram, Twitter, and YouTube. The District has an overriding interest and responsibility in determining what is announced, publicized or communicated on its behalf on these sites. While an employee's personal usage is not necessarily associated with the District, all employees shall assume they will be recognized as a District employee. Therefore, while the District will not have dedicated resources to engage all social channels with an approved interaction strategy, personal usage should be in line with the protocols and interactions outlined in this policy. The following provides guidelines for appropriate online conduct and content. Violation of these policy guidelines may subject employees to disciplinary action, up to and including termination. Questions regarding these guidelines should be directed to a supervisor, a Division Manager, a Department Manager, an Assistant General Manager, or the Human Resources Manager.

- 1. Guidelines for District Websites and Social Media. Employees must have prior written authorization from the General Manager, or the General Manager's designee, to post on the District's websites or social media sites as a representative of the District. Social media includes any form of electronic communication through which users create online communities to share information, ideas, personal

messages and other content. Examples include, but are not limited to, blogging and online forums, Facebook, Twitter, Wikipedia, Instagram, YouTube, Foursquare, LinkedIn, Pinterest and any other programs, sites or platforms generally accepted as social media. Employees must be aware that posts and comments on behalf of the District may harm its reputation or subject it to litigation. As such, authorized employees shall use the following guidelines to post as a representative of the District:

- (a) Be honest, accurate, and transparent;
- (b) Post only within your area of expertise, or verify with the appropriate source that the information is correct;
- (c) Make all posts in a professional manner and avoid confrontation;
- (d) Correct any errors in posts and, if modifying an earlier post, identify the change being made;
- (e) Be responsive to public user concerns;
- (f) Use “we” rather than “I” in the language of the post; and,
- (g) Protect information, do not overshare information, and consider whether the post will add value.

2. Prohibited Online Content. The following list contains examples of content that is prohibited on the District’s websites or social media sites:

- (a) Content or a link to content not created by the District without previously verifying that it comes from a reputable, legitimate source;
- (b) Content that is personal, sensitive or confidential in nature;
- (c) Information that may compromise the security of District facilities or processes;
- (d) Information regarding intellectual property of others without prior, written authorization;
- (e) Information about actual or potential claims or litigation;
- (f) Defamatory material;
- (g) Content that is obscene, sexual, pornographic, offensive or illegal;
- (h) Language that is racist, sexist or disparaging;
- (i) Comments or materials that are political in nature;
- (j) Content that is threatening or harassing; and,
- (k) Any other information that is not public in nature.

3. Employee Personal Social Media Use. Employee use of social media reflects on both the employee and the District. The District does not intend to restrict an employee's ability to have an online presence nor does it mandate what an employee can post online. The District, however, expects each employee to be responsible and accountable for what the employee posts. In addition, courts often classify social media as a public forum; therefore, employees have no expectation of privacy for any content posted on social media. The following guidelines identify appropriate online conduct:
- (a) Never post any confidential, sensitive, personal or proprietary information about the District, its employees, its Trustees, its Member Agencies, or its customers;
 - (b) Be clear about whose opinion is being represented. Never claim to speak for the District on any issue unless previously authorized by the General Manager, or the General Manager's designee. If an employee comments personally on a topic within the scope of the District's interests, make sure it is represented as a personal opinion of the employee. An employee should be identified as a District employee and include a disclaimer that the views are the employee's own and not necessarily those of the District;
 - (c) No employee may create a social media profile, blog, website, or any other online media presence that implies the content represents the District;
 - (d) Obey the law, including those laws governing defamation, discrimination, harassment, and copyright; and,
 - (e) Employees are not permitted to speak on behalf of the District or post any non-public information, or information or rumors known to be false about the District, fellow employees, its Trustees, its Member Agencies, its customers, or people working on behalf of the District.
4. Public Use of District Social Media (Code of Conduct). The District uses its social media sites to serve as a mechanism for communication between the District and the public. All content created or posted on these sites belongs to the District and is considered a public record and is subject to public disclosure upon request. The District reserves the right to hide or remove any posts or comments that are in violation of District policy or law. Social media posts and comments containing any of the following content are not allowed:
- (a) Profane language or content;
 - (b) Content that promotes, fosters, or perpetuates discrimination or harassment on the basis of race, color, age, religion, national origin, gender, disability, marital status, status with regard to public assistance, sexual orientation, or gender identity;
 - (c) Sexual content or links to sexual content;
 - (d) Solicitations or promotion of commercial products or services, without prior authorization;
 - (e) Conduct or encouragement of illegal activity;

- (f) Information that may tend to compromise the safety or security of the District, its employees, its Trustees, its Member Agencies, its customers, its facilities or processes, or the public;
- (g) Content that violates a legal ownership interest of any other party;
- (h) Comments not topically related to the specific social medium article being commented upon, including random or unintelligible comments; and,
- (i) Personal attacks, disrespectful comments, insults, name-calling or belittling comments.

While the District monitors some social media sites, it does not immediately review every comment that is posted. Opinions expressed in the comments are not necessarily those of the District, and the accuracy of those posts cannot be guaranteed.

11.12 WEAPONS

- A. Except for authorized law enforcement, no one may possess a loaded firearm while on properties owned or controlled by the District, or where District activities occur, or in District vehicles.
- B. An employee who possesses a firearm does so in the employee's individual capacity. Use of firearms are outside the scope of the employee's employment, is contrary to the purposes of employment by the District, and is done solely in the employee's individual capacity.
- C. An employee is required to keep the firearm covered, hidden, or secreted in a manner that the public and other employees would not be aware of its presence.
- D. This policy does not prohibit an employee from transporting or storing a firearm in the employee's personal motor vehicle in District parking lots, provided that the employee is legally permitted to possess, transport, or store the firearm and that the firearm is locked securely in the vehicle and is not in plain view from outside the vehicle. [Effective June 9, 2021.]

11.13 WIRELESS COMMUNICATIONS

- A. The District may provide employees with wireless communications equipment, including but not limited to cellular telephones, pagers, radios, computers, PDAs and wireless internet cards, to help them communicate with others in the performance of essential work duties, to convey and receive information timely, to increase productivity, and/or to respond timely to emergency situations.
- B. All wireless communications equipment purchased by the District is the property of the District. Employees are prohibited from using District-owned wireless communications equipment for any inappropriate purpose, as determined by the District in its sole discretion, including but not limited to the following:
 - 1. Any use that interferes with an employee's work performance;
 - 2. Any use not authorized by the District;
 - 3. Any use that involves illegal activity;

4. Any excessive personal use;
 5. Any use that violates any policy or procedure of the District; and,
 6. Any use when a less expensive, alternative means of communication is reasonably available.
- C. An employee shall reimburse the District for the cost of personal use of District-owned wireless communications equipment that exceeds the District's cost.
 - D. The District may conduct periodic audits of wireless communications equipment use, service plans, and costs to determine compliance with this policy. Employees have no right or expectation of privacy when they use the District's wireless communications equipment.
 - E. Employees shall protect District-owned wireless communications equipment from loss, damage, and theft, and if such events occur, employees must promptly notify their Department Manager. Employees shall return to the District all wireless communications equipment upon termination of employment.

11.14 COMMUNICATIONS WHILE OPERATING MOTOR VEHICLE

- A. An employee shall not use a cell phone, pager, computer, or PDA, whether handheld or hands-free, while operating any vehicle on behalf of the District. If an employee must use this equipment, the vehicle shall be stopped in a safe location beforehand.
- B. The policy set forth in Section 11.14.A, above, applies to all equipment and to all vehicles whether owned by the District, by the employee, or by a third party.
- C. The policy set forth in Section 11.14.A, above, shall not apply either to a conversation using a two-way radio for less than twenty seconds or in emergency situations.

11.15 SMOKING

- A. Smoking of any kind, as defined in the Utah Indoor Clean Air Act (Utah Code Ann. (1993) §§ 26-38-1 et seq.), is prohibited:
 1. In all District facilities, buildings, and vehicles;
 2. In the Conservation Garden Park; and,
 3. Within 25 feet of any entrance-way, exit, open window, or air intake of a building or facility.

~~[11.16] [SICK LEAVE CONVERSION]~~

~~[The District rewards employees for good attendance in the form of sick leave conversion. At the option of the employee, 25 percent of the unused portion of sick leave accrued from December 1 of the prior year to November 30 of the current year may be converted to cash (at the employee's then-current rate of pay) or to an equal amount of annual leave or remain as accrued sick leave. If an employee has accrued at least 568 hours of sick leave at the time of conversion, the conversion rate may be 50 percent.]~~

11.16 BREAK TIME TO EXPRESS BREAST MILK

- A. For one year after the birth of a child, a nursing employee may take reasonable break time to express breast milk each time the employee has need to express breast milk.
- B. The District shall provide a functional space that may be used by an employee described in subsection A to express breast milk, which:
 - 1. Is not a bathroom; and
 - 2. Is shielded from view and free from intrusion from coworkers and the public.

11.17 AUTHORIZED PERSONAL USE OF DISTRICT PROPERTY⁷

- A. For purposes of this section, “public property” means real or personal property that is owned, held, or managed (i) by the District; or, (ii) is transferred by the District to an independent contractor for the purpose of providing a program or service for, or on behalf of, the District.
- B. An employee of the District is authorized to use public property, for a personal matter, if:
 - (a)
 - (i) This policy is then in effect;
 - (ii) The employee is authorized to use or possess the public property to fulfill the employee’s duties;
 - (iii) The primary purpose of the employee’s use or possession of the public property is to fulfill the employee’s duties; and,
 - (iv) The employee uses and possesses the public property in a lawful manner and in accordance with this policy; or
 - (b) An employee of the District is authorized for incidental or de minimus use of public property, for a personal matter, if:
 - (i) The value provided to the District by the employee’s use or possession of the public property substantially outweighs the personal benefit received by the employee from the incidental use of the public property for a personal matter; and,
 - (ii) The incidental or de minimus use of the public property for a personal matter is not prohibited by law or by the District.
 - (c) An employee of the District shall not damage or dispose of public property in violation of this policy.
 - (d) An employee of the District shall not obtain or exercise unauthorized control of public property with the intent to:
 - (i) Deprive the District of possession of the public property.
 - (i) Temporarily appropriate, possess, use, or deprive the District of possession.
 - (e) An employee of the District shall not appropriate public property to the employee’s own use or benefit or to the use or benefit of another without authority of law.

⁷ Utah Code Ann. §§ 76-8-101, -402.

- (f) An employee of the District shall not loan or transfer public property without authority of law.
 - (g) An employee of the District shall keep public property in the employee's possession until returned to the District, or disposed of or relinquished in accordance with this policy and the requirements of law.
- C. Each employee who has possession or uses public property shall annually sign the form attached as Appendix 6.

Reference: For personal use of vehicles, please also refer to Chapter 10 Vehicles, Administrative Policy and Procedures Manual; for personal use of telephones, please also refer to Chapter 11.1 Telephone Use, Personnel Rules and Regulations Manual; for personal use of computers, please also refer to Chapter 11.11 Computer and Internet Policy, Personnel Rules and Regulations Manual.

REPORTING ITEMS

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

July 12, 2023

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

- | | |
|---|--|
| 1. Annual submission of Tentative Budget to Requesting Member Agencies (§17B-1-702 UCA (1953)) | Date completed: April 14, 2023
Scheduled for: April 2024 |
| 2. Annual Certification and Filing of Budget with State Auditor (§17B-1-614(2) UCA (1953)) | Date completed: August 19, 2022
Scheduled for: August 2023 |
| 3. Annual Filing of Impact Fees Report with State Auditor (§11-36a-601(4)(d) UCA (1953)) | Date completed: December 7, 2022
Scheduled for: December 2023 |
| 4. Annual Filing of Financial Statements with State Auditor (§51-2a-202(1) UCA (1953)) | Date completed: December 6, 2022
Scheduled for: December 2023 |
| 5. Annual submission of Audit Report to Member Agencies (§17B-1-703 UCA (1953)) | Date completed: December 5, 2022
Scheduled for: December 2023 |
| 6. Participation in Utah Public Finance Website <transparent.utah.gov> (§67-3-12 UCA (1953)) | Date completed: September 15, 2022
Scheduled for: July 31, 2023 |
| <ul style="list-style-type: none"> • Salaries/Benefits | |
| <ul style="list-style-type: none"> • Revenues/Expenditures | Date completed: April 19, 2023
Scheduled quarterly for: January 31, April 30, July 31, and October 31 |
| 7. Proper Notice of Public Meetings (§52-4-202 UCA (1953)) | Date completed: On-going |
| 8. Board member contact information (name, phone number, and email address) posted on the Utah Public Notice Website (§17B-1-303(9) UCA (1953)) | Date completed: On-going
Last edited: June 6, 2022 |
| 9. Annual review of personnel policies (§17B-1-802 UCA (1953)) | Date completed: June 2, 2023
Scheduled for: April 2024 |
| 10. Filing of Qualified Capital Asset Report with Division of Water Resources (§17B-2a-1010 UCA (1953)) | Date completed: December 28, 2022
Scheduled for: December 2027 |

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

11. Semi-annual Report to State Money Management Council (§51-7-15 (3) UCA (1953))	Date completed: July 8, 2022 Scheduled for: July 2023
12. File statement with Division of Corporations re: receipt of notice of claim (§63G-7-401(5))	Date completed: March 1, 2023 Scheduled for: January 2024
13. File Jordan Valley Water Conservancy District with Registry of Lieutenant Governor (§17B-1-103)	Date completed: May 9, 2023 Scheduled for: June 2024
14. File Jordan Valley Conservation Gardens Foundation with Registry of Lieutenant Governor (§17B-1-103)	Date completed: October 26, 2022 Scheduled for: October 2023
15. Disclosure regarding responsibility of homeowner to repair retail water line (§11-8-4 UCA (Supp. 2017))	Date completed: September 20, 2018 Scheduled for: On-going
16. Water Use Report (§§73-5-4 and -8 UCA; R309-105-15)	Date completed: March 30, 2023 Scheduled for: March 2024
17. Fee Appeal Process (§§17B-1-121(1)(c)(i))	Date completed: On-going
18. Imposing/Increasing Fee – Public Hearing (§§17B-1-643)	Date completed: On-going Last held: May 10, 2023
19. Copies of “Robert’s Rules of Order” (§17B-1-310(3)(b)(iii))	Date completed: On-going

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

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

- Tuition Assistance Program (6.3(c), Personnel Rules and Regulations)
- Fraud Awareness Training (12.2(3)(L), Personnel Rules and Regulations)

D. Annual certification by the Board of understanding and compliance with the Public Officers' and Employees' Ethics Act (§67-16-1 et seq. UCA (1953)), pursuant to Chapter 9.2, Administrative Policy and Procedures Manual	Date completed: March 6, 2023 Scheduled for: March 2024
E. Conflict of Interest Annual Certification (Trustees, Officers, General Manager, Assistant General Manager, General Counsel)	Scheduled for: March 2024
F. Annual Water Audit	Date completed: March 3, 2023 Scheduled for: March 2024
G. Employee Performance Evaluations	Date completed: On-going
H. Hotline	Date completed: On-going
I. Internal Audit	Date completed: On-going
J. Annual Filing of Fraud Risk Assessment with State Auditor (Auditor Alert 2020-2021)	Date completed: December 7, 2022 Scheduled for: December 2023

**MINUTES OF THE AUDIT COMMITTEE MEETING
OF JORDAN VALLEY WATER CONSERVANCY DISTRICT**
(Unapproved and subject to change)

Held June 5, 2023

The Audit Committee meeting of Jordan Valley Water Conservancy District (JVWCD) was held in person and electronically on Monday, June 5, 2023, at 1:30 p.m. at JVWCD's administration building located at 8215 South 1300 West, West Jordan, Utah.

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

Committee Members Present:

Corey L. Rushton, Board Chair, JVWCD
Karen D. Lang, Board Vice Chair, JVWCD
John H. Taylor, Board Finance Committee Chair, JVWCD (electronically)
Sunil Naidu, CFO, City of South Jordan
David Martin, CFO/Treasurer, JVWCD

Also Present Were:

Alan Packard, General Manager, JVWCD
Mark Stratford, General Counsel, JVWCD
Brian McCleary, Controller, JVWCD
Ron Stewart, CPA, Gilbert & Stewart (electronically)
Aaron Hixson, CPA, HBME, LLC (electronically)

Agenda Item No. 1: Consider approval of the minutes of the Audit Committee Meeting held on November 1, 2022

The minutes of the Audit Committee meeting held on November 1, 2022, were presented. Ms. Lang moved to approve the minutes of the November 1 meeting. Following a second by Mr. Martin, the motion was unanimously approved.

Agenda Item No. 2: Discuss internal auditor work performed for 2022

Mr. Aaron Hixson, CPA of HBME, LLC, presented the internal audit work and report for 2022 to the Committee. The areas of focus for the internal audit were: GASB 87 classification of leases; sale and auction process of vehicles and equipment; and gifts policy. There was some discussion regarding auction sites and also accountability of gifts. Mr. Hixson suggested that employees could be asked about the gift policy during their annual performance evaluation.

Agenda Item No. 3: Discuss internal auditor work plan for 2023

Mr. Martin presented a matrix listing, and rotation of, internal audit areas of focus that had been discussed previously with the Committee and showed the areas that had been audited in the last two years. He suggested the following areas of focus for the 2023 internal audit: controls for vendor setup and request for EFT payments; payroll approvals with online timesheets; and travel policy. The committee agreed with the proposed areas of focus for the 2023 work plan of the internal auditor.

Agenda Item No. 4: Meet with the independent auditor, Ron Stewart (Gilbert & Stewart), and review the following:

a. Timing of the financial statement audit for the year ending June 30, 2023

The timing of the independent financial statement audit was discussed, and it was determined that it will take place during the week of September 11-15.

b. Audit work plan

Mr. Ron Stewart reviewed the audit work plan and the procedures involved in performing a financial statement audit. There was some discussion regarding grants received and the need to possibly have a single audit performed.

c. Discuss any new GASB pronouncements

GASB Statement No. 96, Subscription-based Information Technology Arrangements is effective this year, and will be implemented for the June 30, 2023 financial statements.

d. Audit report to be presented to the Board November 8, 2023

A draft of the June 30, 2023 financial statements and independent auditors' report will be reviewed with the Audit Committee in October and then presented to the Board at its regular Board meeting on November 8, 2023.

Agenda Item No. 5: Review the State Auditor's Fraud Risk Assessment for 2023 and internal controls that are in place

Mr. Martin presented and reviewed the completed Fraud Risk Assessment for 2023. He mentioned that the State Auditor developed the assessment in 2020 to help local government board members understand best practices in fraud detection and prevention. The best practices identified in the assessment are not required, but are highly recommended. At the time, JVVCD had most of the best practices already in place, and then adopted policies for a fraud hotline, internal audit function, and formal audit committee. JVVCD's Fraud Risk Assessment for 2023 scored the maximum points possible and is "Very Low" on the risk level. The committee discussed some of the internal controls and items listed on the assessment.

Agenda Item No. 6: Review and discuss fraud hotline complaints (if any)

Mr. Martin reviewed two complaints received through JVVCD's fraud hotline. On November 11, a retail customer submitted proof of payment on a delinquent account notice, to the hotline. And on November 29, the hotline was listed as a C.C. recipient of a request to the State for information regarding disinfectants used in public water systems along the Wasatch Front. Both complaints have been resolved, and no other complaints have been received since.

Agenda Item No. 7: Questions from Audit Committee members

No questions were asked by Audit Committee members.

Agenda Item No. 8: Adjourn

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CENTRAL UTAH PROJECT/CUWCD ACTIVITIES REPORT

July 12, 2023

The Central Utah Water Conservancy District (CUWCD) Board of Trustees held its monthly meeting on June 21, 2023. The Board of Trustees took the following actions.

Engineering and Operations Committee

- Set the Annual Central Water Project (CWP) Fee for the 2023/24 fiscal year at \$581/AF. The current 2022/23 Annual CWP Fee is \$556/AF.
- Awarded a construction contract for three additional CWP Wells (No.7, 16, & 17) in Vineyard to Van Con Construction in the amount of \$19,400,000. Currently CUWCD has constructed 8 wells (Nos.8-15) in Vineyard that are in operation and supply water to Jordan Valley Water and other agencies in northwest Utah County as part of the project.

Legal and Legislative Committee

- Approved a water supply agreement with Eagle Mountain City for an additional 2000 AF of CWP water beginning in 2023.
- Approved a water supply agreement with Lehi City for an additional 4600 AF of CWP water beginning in 2023.

Finance, Audit, and Budget Committee

- The Board of Trustees is proposing a property tax rate of 0.0004 for the fiscal year 2023/2024 and plan to hold the necessary public hearings during the month of August 2023.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

July 12, 2023

Rental Agreement

Education Center

Event Type:

Memorial Service

Rental Terms:

\$150.00

Rental Location:

Pinyon Pine Room

Renting Party:

Robbin Bonham/Shea

Date of Event:

July 19, 2023

Rental Agreement

Education Center

Event Type:

Luncheon

Rental Terms:

\$312.00

Rental Location:

Mountain Mahogany & Apache Plume

Renting Party:

International Facility Management Association (IFMA)

Date of Event:

Sept 12, 2023

JORDAN VALLEY WATER CONSERVANCY DISTRICT

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

July 12, 2023

Encroachment Agreement	Wasatch Front Regional Pipeline Easement
Easement Number:	WC44
Encroachment Location:	Approximately 3110 South 2985 West in West Haven, Utah
Encroachment Party:	UTOPIA
Encroachment Type:	One (1) four-inch (4") HDPE conduit to contain three (3) one and one quarter inch (1.25") conduits for fiber optic cable
Summary:	This encroachment agreement allowed UTOPIA to install and maintain fiber conduits across JWCD's WFRP Easement.
Encroachment Agreement	13400 South Pipeline/5800 South Pipeline Easements
Easement Number:	2000CI051A_9, 86CI31B-6
Encroachment Location:	Approximately 5502 West 13400 South, Herriman & 4800 South Hobbson Drive, Kearns, Utah
Encroachment Party:	Google Fiber Utah, LLC
Encroachment Type:	Total of four (4) two-inch (2") HDPE conduits for fiber optic cable
Summary:	This encroachment agreement allowed Google to install fiber conduits across JWCD's 13400 South & 5800 South pipeline easements.

Encroachment Agreement**5600 West Pipeline Easement**

Easement Number: 92CI026-17

Encroachment Location: 11652 South Trail Crossing in South Jordan, Utah

Encroachment Party: Daybreak Community Association, Inc.

Encroachment Type: Fence, landscaping, irrigation, curb, gutter, asphalt parking lot

Summary: This encroachment agreement allowed Daybreak Community Association to construct improvements within the District's 5600 West Pipeline easement.

Encroachment Agreement**5600 West Pipeline Easement**

Easement Number: 92CI026-17

Encroachment Location: 11782 South Trail Crossing in South Jordan, Utah

Encroachment Party: DB Trail Crossing West, LLC.

Encroachment Type: Curb, gutter, sidewalk, traffic signage, landscaping, irrigation, an asphalt parking lot.

Summary: This encroachment agreement allowed DB Trail Crossing West, LLC to construct improvements within the District's 5600 West Pipeline easement.

Encroachment Agreement**Magna 24-inch Pipeline Easement**

Easement Number: 82CI5-1, 82CI5-10

Encroachment Location: Vicinity of 6777 West Smithson Circle in West Valley City, Utah

Encroachment Party: Weston Field, LLC

Encroachment Type: Place fill within the easement area

Summary: This encroachment agreement allowed Weston Field, LLC to place fill within the District's Magna 24-inch Pipeline easement area.



JORDAN VALLEY WATER
CONSERVANCY DISTRICT

ATTRIBUTES FOR AN EFFECTIVELY MANAGED DISTRICT

May 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 (%)

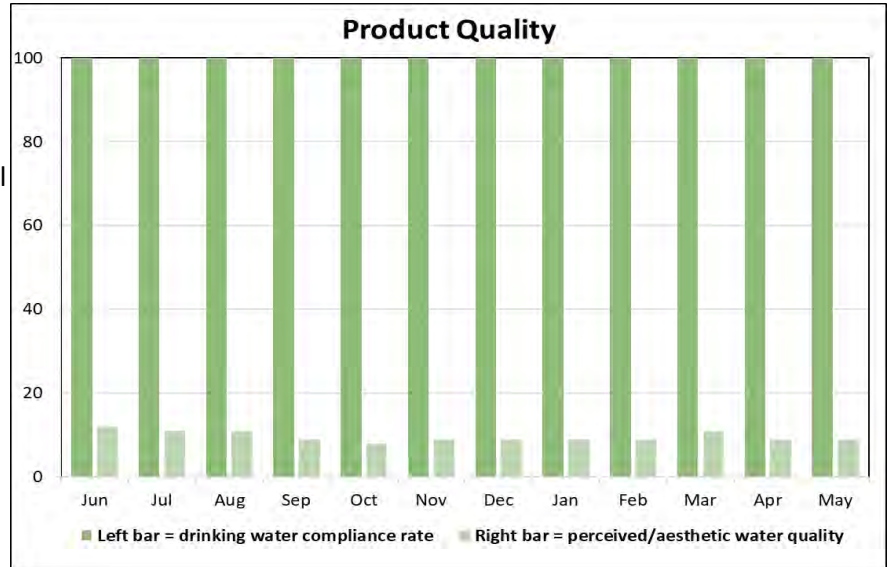


District compliance with all drinking water regulations: (100 x # of days in full compliance for the year) / 365 days.

Perceived/aesthetic water quality



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



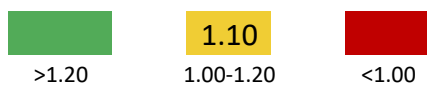
2. Water Resource Adequacy

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)

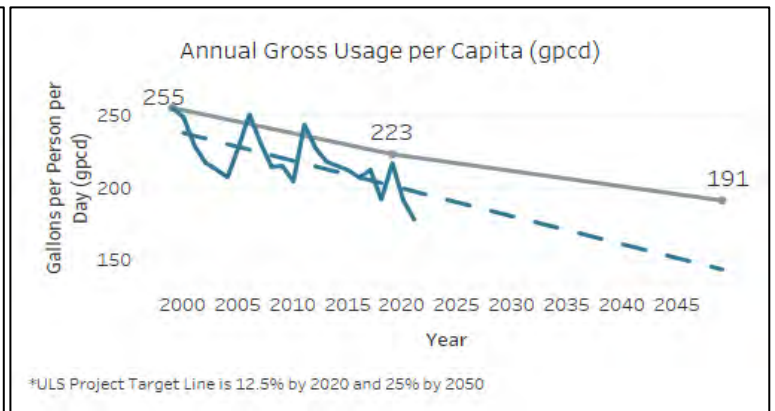
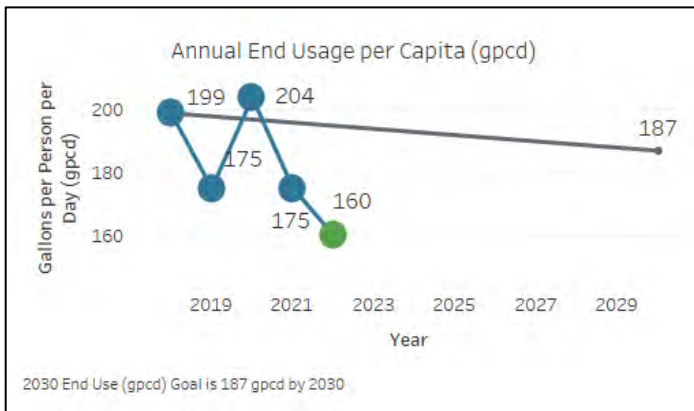
Water demand management (annual)

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)

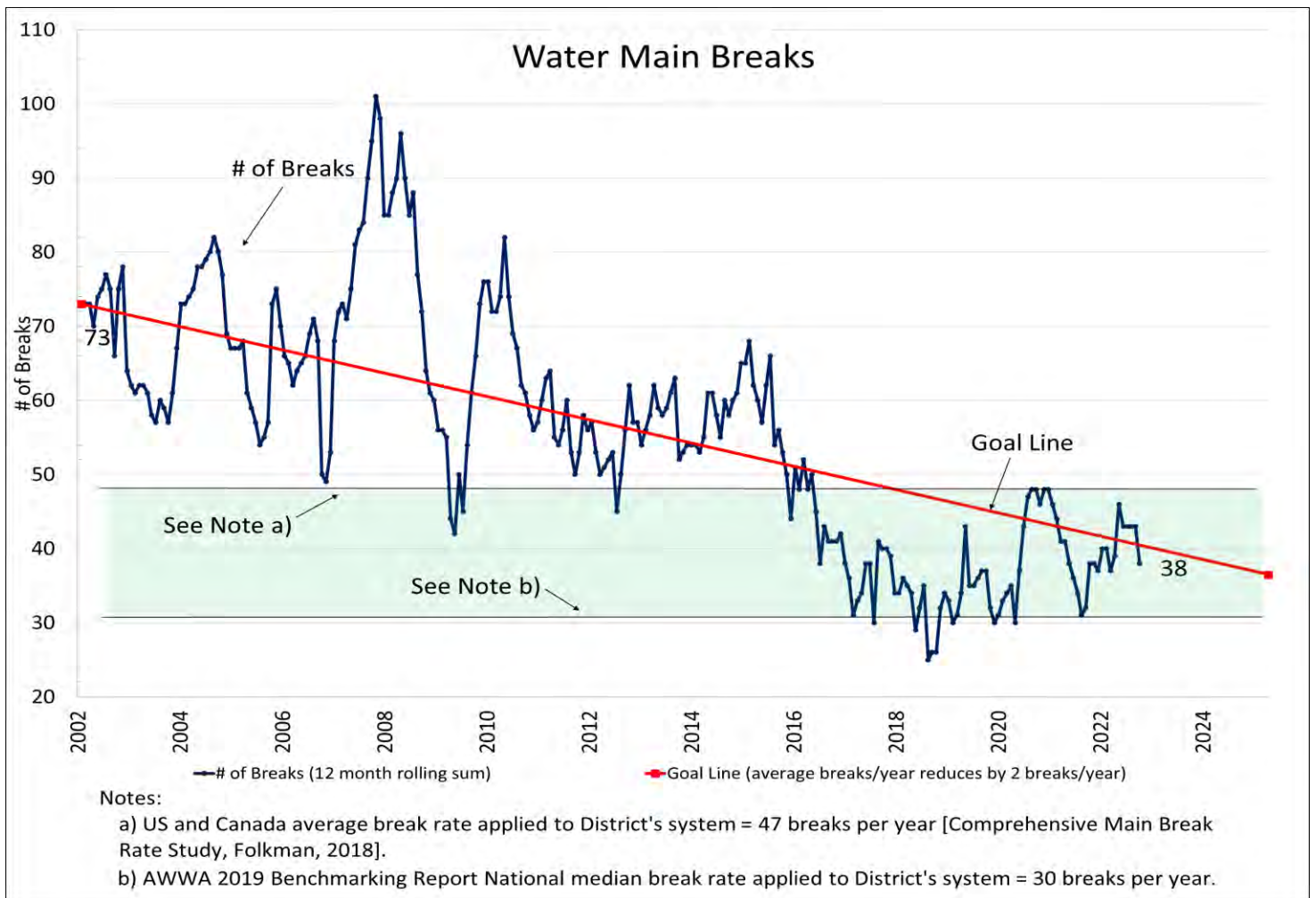
38



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)

96.70

≥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)

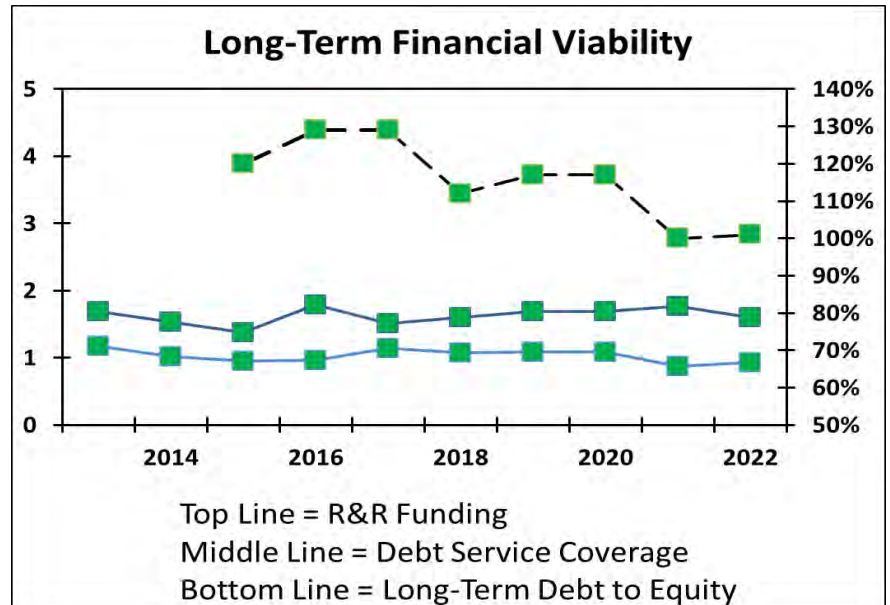


Bond covenant is 1.00; our "healthy" range is anything greater than 1.30.

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)

0.80

<1.80

1.80-2.30

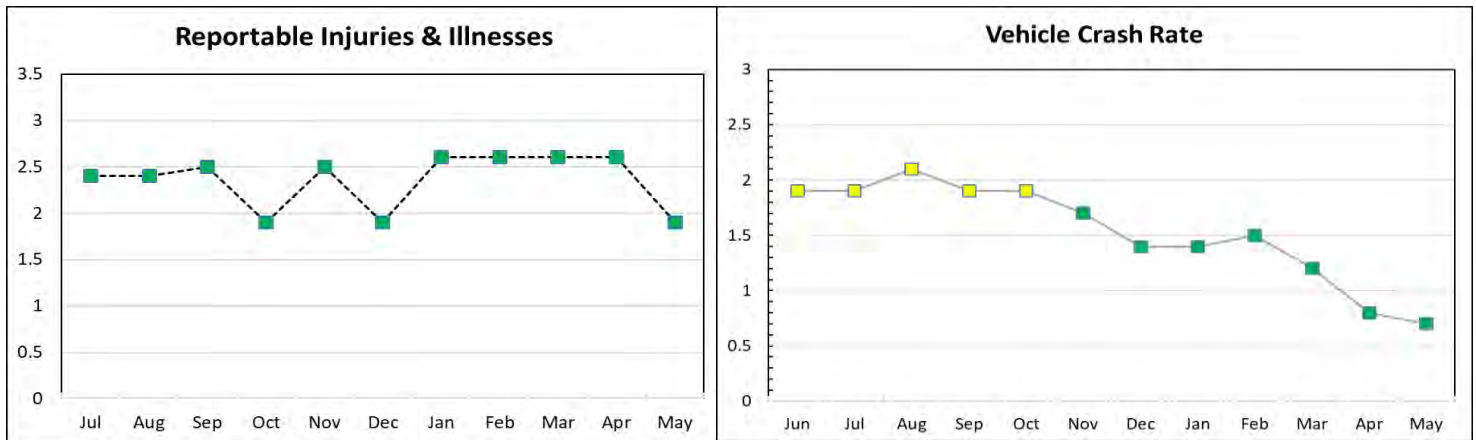
1.80-2.30

>2.30

>2.30

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

- 4 of the 4 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

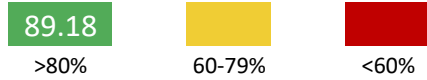
No

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
JUNE 2023

Final Project Completion Report

Project Name and Number: JWCD Headquarters Upper Campus Site & Improvements, #3910

Description: The Headquarters Campus Site Repairs and Improvements project consisted of replacing the existing damaged paving of the Administration Building parking lot, as well as site drainage improvements, stream culvert replacement, irrigation ditch modifications, Beckstead Lane road improvements, and installation of water efficient landscaping.

District Project Manager: Marcelo Anglade

Engineer: Talisman Civil Consultants	Design Status: 100%
Original Engineering Contract Amount:	\$289,917
Final Engineering Contract Amount:	\$436,517

Contractor: Black Forest Paving, LLC.	Construction Status: 100%
Original construction contract amount:	\$1,099,721
Total Change Order amount:	\$141,943
Final construction contract amount:	\$1,241,664
Total change orders as a percentage of original contract:	12.9%
Completion Schedule:	
Notice to Proceed:	7/14/2021
Final Completion:	6/22/2022

Summary of Change Orders:		Amount
	Description	
1	Striping and conduit relocation.	\$6,650.00
2	Flowable fill, lighting/security sleeves, and shrub removal	\$9,575.00
3	New conduits for future electrical and security circuits	\$39,481.00
4	New irrigation boxes and Beckstead Lane asphalt overlay	\$41,735.00
5	Tree removal and catch basin replacement	\$11,895.00
6	Irrigation box and ditch modifications and relocate camera pole	\$12,926.00
7	Box culvert modification, electrical revisions, delete PVC water line	-\$2,074.00
8	Lower irrigation mains and waterline restocking fee	\$21,755.00
9	Additional overlay and culvert modifications	\$0.00
	Total Change Order Amount:	\$141,943.00

Final Project Completion Report



West parking area of Admin Building



South parking area of Admin Building



South parking area of Admin Building



New water efficient landscaping



Beckstead Lane roadway improvements

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
May 14, 2023 - June 13, 2023

Capital Projects Budget Status Report

Total FY 2022-2023 Capital Projects Budget (Gross):	\$54,294,522
Budgeted Reimbursements:	(\$2,849,432)
Total FY 2022-2023 Capital Projects Budget (Net):	\$51,445,090
Total FY 2022-2023 Capital Projects Expenditures to Date:	\$42,313,045

Total Proceeds from 3/15/2019 Asset Sale Designated in Capital Projects Fund for Water Supply Purchases:	\$5,898,917
Balance After Previously Reported Purchases:	\$3,483,145
Water Supply Purchases:	\$278,000
Remaining Balance:	\$3,205,145

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 1%	
<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: 1%	
	Substantial Completion Date: TBD	
<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: Notice of Award has been sent. Completing contract documentation to begin work on project.
--

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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	Original engineering contract amount:	\$13,600
	Design Status: 100%	
	Construction Management Status: 12%	
<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: 12%	
	Substantial Completion Date: 11/4/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$289,700
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 has mobilized to the site, pulled the pump, and is inspecting the equipment. Well development is now proceeding.



Contractor pulling the pump column from the well



Section of pump column being set on trailer

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

Project Description: JWVCD staff have identified several vaults that are suffering from age related advanced corrosion which requires replacement of the vault piping and valves. This project makes improvements to two existing vaults, abandons four vaults, and replaces one vault in the transmission system. Six of the vaults are located along the 4500 South pipeline in Millcreek and Taylorsville and one vault on the 5600 West pipeline in Herriman. This project is part of an ongoing effort to perform vault repair and replacement work on transmission system vaults in which equipment has reached the end of its serviceable life.

District Project Manager: Travis Christensen

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$390,286
	Design Status: 100%	
	Construction Management Status: 2%	
<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: 2%	
	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: Contract documents for the project are in place, a kickoff meeting for the project will be held in July.
--

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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, the District 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: 25%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$6,224,100

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

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

Current Status: District staff have met with consulting engineer in three workshops to develop the project scope and pre-design. Consultant, under the direction of the District, is evaluating alternatives for chlorine chemical feed as well as filter hydraulics. The consulting is also working out pre-design for a potential Ozone Treatment System which would be added in year 2035 with the final phase of the expansion.



Existing gaseous chlorine system



JWTP Filter bay



JWTP Filter undergoing backwash

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$17,600
	Design Status: 100%	
	Construction Management Status: 18%	
<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: 18%	
	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 contractor has returned to the site for more vigorous well brushing. The next well video is scheduled soon to determine if there are additional holes to patch.



Firmier brush to brush the sides on the well casing

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 55%	
<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: 55%	
	Substantial Completion Date: 4/6/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$402,270
Total change orders as a percentage of original contract:		2%

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

Current Status: Well development contractor has mobilized. They are finding sand in certain segments of the well which are being re-developed for more efficient well operation. Upon completion of the re-development work, the well pump and well column pipe will be reinstalled. Deep Well 8 was successfully started and the contractor is solving gasket issues.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

Project Description: The filter backwash blowers at the JWTP 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 JWTP 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: 95%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$28,387

Contractor: VanCon, Inc.	Original construction contract amount:	\$98,400
	Construction Status: 95%	
	Substantial Completion Date: 04/15/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$98,400
Total change orders as a percentage of original contract:		0%

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

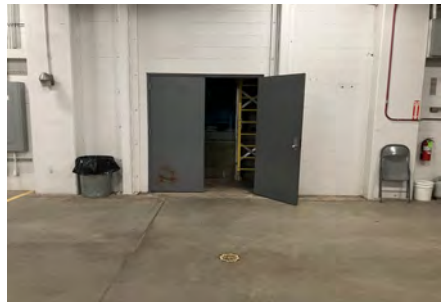
Current Status: The contractor is substantially complete with the engineered acoustical foam installation. Preliminary testing indicates a 20-30 dB drop in acoustical pressures in the laboratory area above the blower room which exceeds the design objective. Contractor is still awaiting delivery of the needed insulated door to complete the construction project.



Installed acoustical insulation



Installed insulation over welding room blower duct



Blower room door to be replaced with sound-rated door

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Travis Christensen

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$992,889
	Design Status: 28%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$992,889

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

Current Status: JVVCD staff met with the Willow Creek Country Club to discuss logistics, limitations, and aesthetics of a new pump station. JVVCD staff and the engineer will meet with Holladay City to discuss the new pump station on Murray Holladay Road.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 34%	
<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: 34%	
	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: Most components have arrived and are awaiting installation. Soft start is still not expected to ship until September at the earliest.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 68% Construction Management Status: 0%
<u>Additional services authorized since last report:</u> <ul style="list-style-type: none"> • n/a 	
Current contract amount: \$3,793,948	

Contractor: n/a	Original construction contract amount: \$0 Construction Status: 0% Substantial Completion Date: n/a
<u>Change orders approved since last report:</u> <ul style="list-style-type: none"> • 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 District has completed its review of 60% design drawings. The consultant is preparing 90% drawings. Raw water turbidities, which were as high as 50 NTU during spring runoff, have now decreased to a more manageable 10 NTU.



Raw water entering flocculation basin



Settled water turbidimeter to be upgraded with this project

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Marcelo Anglade

Engineer: CRSA	Original engineering contract amount:	\$49,377
	Design Status: 100%	
	Construction Management Status: 75%	
<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: 75%	
	Substantial Completion Date: 7/30/2023	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$688,938
Total change orders as a percentage of original contract:		0%

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

Current Status: The building has been erected and insulation has been installed. The overhead roll doors and windows have been installed. The contractor is working on the building's electrical, painting, and site work.
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JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 86%	
<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: 86%	
	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 which will be installed when they are delivered to the site in the coming weeks.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Kevin Rubow

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$579,351
	Design Status: 80%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,016,830

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

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

Current Status: The consultant is finalizing the site and landscape plans to be submitted to the City for approval. They are progressing with the 90% design drawings.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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	Original engineering contract amount:	\$1,597,529
	Design Status: 45%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,597,529

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

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

Current Status: The property for the reservoir site is planned to be annexed into South Jordan City. The consultant and District staff met with the City to review the preliminary site plan, discuss design constraints, and conditional use application to develop the site. The consultant is working on the 60% design to be submitted in mid-August.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$272,960

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

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

Current Status: The drawings have been approved by the Division of Drinking Water. The project is out for bids and a recommendation of award of contract is anticipated at the July Board Meeting.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Conor Tyson

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

Engineer: JWVCD 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: Contractor completed the concrete and asphalt work for the pipelines installed in Murray. Project is now on hold until contractor receives needed parts to finish the work.



Contractor laying asphalt in Murray

New asphalt laid over the new pipelines



JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Marcelo Anglade

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

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

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

Current Status: The project is substantially complete. The contractor has completed controls integration work. Now the contractor will be modifying the flue to comply with the City Inspector's requirements. The project will be complete once this work is completed and the District receives the closing documents.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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: 57%	
<u>Additional services authorized since last report:</u>		
<ul style="list-style-type: none"> • n/a 		
Current contract amount:		\$0

Contractor: Noland & Sons Construction Co.	Original construction contract amount:	\$1,970,932
	Construction Status: 57% Substantial Completion Date: 6/30/2023	
<u>Change orders approved since last report:</u>		
<ul style="list-style-type: none"> • Additional meter setters for spare parts. 		
Current construction contract amount:		\$9,273
Total change orders as a percentage of original contract:		\$2,015,366
		2%

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

Current Status: Contractor has remobilized on site and installed the water line in customer's park strips to replace a temporary line installed last year. Once they finish this, they will move to the final areas of the project to work towards completion.



Installing a new bend on the new PVC pipeline



Park strips and drive approaches partially restored after installing pipeline

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Conor Tyson

Engineer: Infinity Corrosion Group	Original engineering contract amount:	\$18,000
	Design Status: 100%	
	Construction Management Status: 80%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$79,650

Contractor: ICORR Technologies, Inc.	Original construction contract amount:	\$146,200
	Construction Status: 80%	
	Substantial Completion Date: 6/29/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current construction contract amount:		\$146,200
Total change orders as a percentage of original contract:		0%

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

Current Status: Contractor has remobilized and is installing a new transformer and rectifier to complete the cathodic protection system.



Contractor working on installing anode junction box between well bed and rectifier



Excavation to install transformer pad

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Kevin Rubow

Engineer: Bowen, Collins & Associates	Original engineering contract amount: \$194,494 Design Status: 100% Construction Management Status: 50%
<u>Additional services authorized since last report:</u> <ul style="list-style-type: none"> • n/a 	
Current contract amount: \$194,494	

Contractor: Widdison Turbine Service	Original construction contract amount: \$1,625,140 Construction Status: 50% Substantial Completion Date: 5/7/2023
<u>Change orders approved since last report:</u> <ul style="list-style-type: none"> • 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>
<ul style="list-style-type: none"> • n/a 		

Current Status: The contractor completed the initial video inspection of the well casing and screens at the Etienne Way and Murray Holladay wells and started mobilizing equipment to the Etienne Way well to perform redevelopment work. The work at the 7618 South 700 East and 987 East 7800 South sites are complete.



Setting up downhole video camera



Image of well screens at Murray Holladay Road site

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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	Original engineering contract amount:	\$940,526
	Design Status: 100%	
	Construction Management Status: 0%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$940,526

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

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

Current Status: The project was recommended for award at the June Board Meeting. The contractor was given a notice of award and are completing contract documentation to begin work on the project.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

Project Name and Number: JWVTP 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 JWVTP 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: 90%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$444,465

Equipment Supplier: Evoqua Water Technologies	Original equipment supply contract amount:	\$3,725,657
	Equipment Supply Status: 90%	
	Substantial Completion Date: 12/1/2022	
<u>Change orders approved since last report:</u>		
• n/a		
Current equipment supply contract amount:		\$4,390,518
Total change orders as a percentage of original contract:		18%

Contractor: VanCon, Inc.	Original construction contract amount:	\$20,700,000
	Construction Status: 100%	
	Partial Completion Date: 5/15/2023	
	Substantial Completion Date: 5/5/2022	
	Completion Date: 6/15/2023	
<u>Change orders approved since last report:</u>		
• n/a		
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>
• Various small items to support project.	Various Vendors	\$3,500

Current Status: The project is substantially complete on-schedule and on-budget. JWVTP has all six flocculation/sedimentation basins on-line. The early completion incentives offered by the District fulfilled their intended purpose successfully motivating the contractor to complete this project by the June 15, 2023 incentive deadline. Settled water turbidity has been decreased by 70% significantly reducing the solids loading to the filters. JWVTP, for the first time in its history, has pre-treatment capacity meeting the rated filtration capacity of 180 MGD. The contractor will return in September, after peak summer flows, to complete punch list items and storm drain improvements.



JWVTP Basin 6 on-line producing high-quality settled water

District staff removing dried sludge from the new concrete-lined backwash basin



JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Travis Christensen

Engineer: AE2S	Original engineering contract amount:	\$819,707
	Design Status: 100%	
	Construction Management Status: 82%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$1,081,969

Contractor: VanCon, Inc.	Original construction contract amount:	\$10,437,000
	Construction Status: 82%	
	Substantial Completion Date: 5/1/2023	
<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>
• Natural Gas Service Line Installation.	Dominion Energy	\$2,005

Current Status: The contractor has completed the site work and is working on site restoration. The pump station mechanical work is currently under way with electrical work anticipated to begin in the Fall.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Travis Christensen

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

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

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

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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	Original engineering contract amount: \$388,773 Design Status: 100% Construction Management Status: 40%
<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: 40% Substantial Completion Date: 8/18/2023
<u>Change orders approved since last report:</u>	
• n/a	
Current construction contract amount: \$3,034,940	
Total change orders as a percentage of original contract: 2%	

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

Current Status: The contractor passed the bacteriological and pressure testing for the pipe segment from 900 West to 1000 West and completed the surface restoration for this area. The contractor continues to install the new pipeline along 3300 South towards 1100 West.



District staff collecting GIS data on new pipeline

Pipeline trench



JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 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	Original engineering contract amount:	Incl. w/ Phase 1
	Design Status: 100%	
	Construction Management Status: 2%	
<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: 2%	
	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: 2%	
	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: The consultant and District staff completed the required safety training to work within the railway right of way and are reviewing material submittals. Construction is anticipated to commence in mid-July.

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Kevin Rubow

Electrical Engineer: AE2S	Original engineering contract amount:	\$48,012
Design Engineer: JWCD Staff		
	Design Status: 100%	
	Construction Management Status: 98%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$48,012

Contractor: Corrio Construction	Original construction contract amount:	\$823,866
	Construction Status: 98%	
	Substantial Completion Date: 5/8/2022	
<u>Change orders approved since last report:</u>		
• n/a		
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>
• n/a		

Current Status: The project is substantially complete. 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
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Marcelo Anglade

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

Contractor: Black Forest Paving, LLC.	Original construction contract amount:	\$1,099,721
	Construction Status: 99%	
	Substantial Completion Date: 7/15/2022	
<u>Change orders approved since last report:</u>		
• North Jordan Canal discharge items.		\$12,532
Current construction contract amount:		\$1,107,851
Total change orders as a percentage of original contract:		0.7%

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

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

JORDAN VALLEY WATER CONSERVANCY DISTRICT
CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Conor Tyson

Engineer: Hansen, Allen & Luce	Original engineering contract amount:	\$198,872
	Design Status: 100%	
	Construction Management Status: 62%	
<u>Additional services authorized since last report:</u>		
• n/a		
Current contract amount:		\$510,322

Contractor: Corrio Construction, Inc.	Original construction contract amount:	\$1,645,588
	Construction Status: 62%	
	Substantial Completion Date: 6/28/2023	
<u>Change orders approved since last report:</u>		
• Move flow meter.		\$6,110
• Change to metal roofing.		\$9,675
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>
• Small purchases for project integration.	Various Vendors	\$2,500

Current Status: The 20-inch HDPE pipeline to the BCWTP connection is complete and in service. The yard piping in around the new building has been laid. The roof frame has been installed on the new building.



Contractor installing drain piping for new building



New chemical feed building

JORDAN VALLEY WATER CONSERVANCY DISTRICT
 CAPITAL PROJECTS REPORT
 May 14, 2023 - June 13, 2023

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

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

District Project Manager: Alan Packard

Engineer: Bowen, Collins & Associates	Original engineering contract amount:	\$27,796
	Design Status: 90%	
<u>Additional services authorized since last report:</u>		
<ul style="list-style-type: none"> • n/a 		
Current contract amount:		\$27,796

<u>Other Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
<ul style="list-style-type: none"> • 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
 May 14, 2023 - June 13, 2023

Normal Capital Improvements
 Various small miscellaneous improvements.

<u>Fund Approvals since last report</u>	<u>Vendor</u>	<u>Amount</u>
Project Name and Number: • Rehabilitation of protective coatings.	Willow Creek and Washbay, #4115, Keenan Robertson Houston Painting	\$42,985
Project Name and Number: • Install Generators at JNPS and POM.	Generator Project Phase II, #4220, David McLean Morris Electric	\$63,576
Project Name and Number: • 16-inch blind flange.	10200 South Zone B Pipeline, #4083, Kevin Rubow Mountainland Supply Company	\$323
Project Name and Number: • Actuator Hatch Modification.	POTM Actuator Replacements, #4221, Travis Christensen Corrio Construction	\$1,715
Project Name and Number: • Zone D Pipeline Cathodic Troubleshooting.	Transmission System Cathodic Troubleshooting, #4318, Travis Christensen Infinity Corrosion Group, Inc.	\$6,000
Total Capital Project Approvals (Active Projects)		\$79,669,787

REPORT ON MEDIA COVERAGE

JORDAN VALLEY WATER CONSERVANCY DISTRICT

REPORT ON MEDIA COVERAGE TONE

July 12, 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: June 1, 2023 – June 30, 2023

1. **Positive** – Evans, B. (June 2, 2023) *How is Utah's snowpack made into drinkable water?* Fox13 News. <https://www.fox13now.com/news/local-news/how-is-utahs-snowpack-made-into-drinkable-water>.

Feature news story showcasing the Jordan Valley Water Treatment Plant. Shazelle Terry (JVVCD Staff) was interviewed about the plant's current capacity as well as its planned capacity.

2. **Neutral** – O'Donoghue, A. (June 14, 2023) *Lee, Curtis proposes more money to help the ailing Great Salt Lake*. Deseret News. <https://www.deseret.com/utah/2023/6/14/23760877/great-salt-lake-conservation-money-lee-curtis>.

Article about a proposed Great Salt Lake Stewardship Act, proposed by Utah Sen. Mike Lee and Rep. John Curtis. Alan Packard (JVVCD Staff) is quoted supporting the proposed legislation.

Also published:

Standard Examiner. <https://www.standard.net/news/environment/2023/jun/15/lee-curtis-propose-more-money-to-help-the-ailing-great-salt-lake/>

3. **Positive** – Dujanovic, D. and Noriega, D. (June 15, 2023) *Jordanelle Reservoir hits 99% capacity*. KSL NewsRadio. <https://omny.fm/shows/dave-and-dujanovic/jordanelle-reservoir-hits-99-capacity>.

Radio interview with Alan Packard (JVVCD Staff) about the current water supply, specifically focusing on Jordanelle Reservoir. The interview also discussed the District's conservation programming.

4. **Positive** – Bee, C. (Summer 2023 Issue) *Utah's Statewide Incentive Program*. Bloom Gardens Magazine. <https://issuu.com/bloomgardens/docs/summer2023/s/26758470>.

Magazine article discussing the statewide landscaping incentives and Utah Water Savers. The article is written by Cynthia Bee (JVVCD Staff) and focuses on eligibility requirements for the statewide program as well as a step-by-step guide for applying on UtahWaterSavers.com.

5. **Positive** – Smith, H. (June 26, 2023) *Utah water district taking the fear out of landscaping*. ABC4 News. <https://www.abc4.com/news/wasatch-front/utah-water-district-taking-the-fear-out-of-landscaping/>.

News article about JWCD's leadership in residential landscape rebate programs. The story quotes Cynthia Bee (JWCD Staff) about water efficient landscaping (Localscapes). The article also references Conservation Garden Park as a resource for those looking to update their landscape.

6. **Positive** – Gilbert, A. (June 26, 2023) *New Draper ordinance requires grass alternatives on future residential, commercial properties*. 2KUTV News. <https://kutv.com/news/local/new-draper-ordinance-requires-less-grass-at-future-properties-residential-commercial-replacing-turf-drought-tolerant-landscaping-jwcd-drip-irrigation-utah-water-savers>.

News article about Draper City's adoption of JWCD's water efficiency standards. The article mentions that with the adoption of these standards, Draper residents are now eligible for higher landscape incentives through Utah Water Savers.

Also published:

KJZZ 14. <https://kjzz.com/news/local/new-draper-ordinance-requires-less-grass-at-future-properties-residential-commercial-replacing-turf-drought-tolerant-landscaping-jwcd-drip-irrigation-utah-water-savers>

MEDIA COVERAGE

Here is where more than \$19 million in federal funds to restore public lands will go

The funds from the Biden administration will go toward improving water and wildlife habitats in two areas of Utah.

By **JACOB SCHOLL**
The Salt Lake Tribune

The federal government is putting \$160 million in public lands — including over \$19 million to two sites in Utah — to restore the landscapes, restore wildlife habitats and improve water on public lands. The effort is part of President Joe Biden’s Investing in America agenda.

In a news conference Wednesday, Bureau of Land Management leaders announced a total of 21 sites would receive funding for restoration. Among those sites were two in the Beehive State — the Upper Bear River in northeastern Utah and for Color Country in southwestern Utah. The Upper Bear will receive \$9.6 million in funding, while Color Country will receive \$9.73 million.

“The restored lands under this effort will increase water quality and quantity, create better habitat for fish and wildlife and provide better recreational opportunities,” said Tracy Stone-Manning,

BLM Director. “This effort will also make these lands more resilient to wildfire and drought. Simply put, restored public lands provide more value for the American people.”

Southwest Utah’s booming population is in large part why the BLM chose to focus part of the funding on that region of the country, said BLM Senior Policy Advisor Tomer Hasson during the news conference. More specifically, restoring mesic habitats — which are areas of land that have a healthy water supply, like springs and irrigated fields — and removing cheatgrass and conifers is a focus for the area.

Hasson said a significant factor for the population growth is outdoor recreation, which the BLM wants to make sure is protected.

“A significant amount of investment that BLM will be spending in this particular restoration landscape will be to ensure the BLM lands there serve that population, and provide for the type of recreation opportunity that people are looking for,” Hasson said



Much of southwest Utah, including this area of Zion National Park near Springdale, is within the area targeted by the Bureau of Land Management to receive federal funds for restoration work.

RICK BOWMER
The Associated Press

Wednesday.

In northern Utah, the BLM also wants to focus on improving and restoring riverbanks around the Upper Bear River. It will also focus on planting and maintaining native plant life, improving stream crossings and restoring habitats for migratory birds and big game, according to a news release from BLM Utah’s state office.

Hasson said the goal is to improve the Upper Bear’s water

system in order to get more water flowing into the rivers, which ultimately flow into Great Salt Lake. He added the BLM will continue to work with those with grazing permits and previous allotments in the area.

In both areas, the BLM will also focus on restoring sage grouse habitat.

“The funding provided through the Inflation Reduction Act will provide unprecedented opportunities to restore two of Utah’s

most important landscapes,” said Greg Sheehan, BLM Utah State Director, in a news release.

During the news conference, Hasson said the funds could be available as soon as this fiscal year, though the funds will continue to be disbursed over the next two years.

The BLM restoration efforts will focus on states throughout the West, including Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon and Wyoming.



Avalanche debris fields illustrate a record breaking snow year up Little Cottonwood Canyon earlier this month. Officials have declared a state of emergency, citing an "imminent risk" of localized flooding as warmer temperatures accelerate the melting of a record breaking winter snowpack.

FRANCISCO KJOLSETH
The Salt Lake Tribune

Sandy declares state of emergency due to flooding

While cooler weather has helped slow snowmelt, city officials are concerned about fast-flowing Little Cottonwood Creek.

By SIENA DUNCAN | The Salt Lake Tribune

The mayor of Sandy on Wednesday declared a state of emergency to help with flooding mitigation as Utah's historic snowpack continues to melt.

The move from Mayor Monica Zoltanski opens up opportunities for the city to receive both state and federal resources to help address flooding issues caused by seasonally high levels of snowmelt east of the city, according to the proclamation. It will last for 30 days but can be extended.

Sandy's efforts to mitigate this year's higher flows along Little Cottonwood Creek began more than a month ago, the proclamation states, and mitigation efforts have extended into other drainages in Sandy, where debris can exacerbate flooding.

The proclamation is meant to show Sandy's continued efforts at bracing for possible future flooding, especially as snow in higher elevations continues to melt, said Tom Ward, director of Sandy City Public Utilities.

"Rather than sitting and letting hope be our only plan, we wanted to make sure everyone was prepared," Ward said. Efforts will continue until creek flows abate, the proclamation states.

But Brian McInerney, a hydrologist who consults with Salt Lake City, said Wednesday that based on current forecasts, he doesn't predict flooding to be a catastrophic problem in the coming weeks along Big

and Little Cottonwood creeks.

Both are predicted to flow at about 500 cubic feet per second, he said. Flooding is likely at 800 cfs, according to the National Weather Service. That's the equivalent of about 800 basketballs flowing through a creek each second.

Flooding issues earlier this month were caused by an increase in bright sunshine, McInerney said. Less cloud cover at the time meant the snowpack melted more rapidly.

"Snow is a really good insulator," he said. "It's like a puppy coat. It doesn't really feel the air temperature, but if you have a lot of sun, that energy infiltrates into the snowpack and produces some pretty high melt rates."

Melt rates were as high as 2 inches a day through mid-May. But then the weather shifted, McInerney said. Thunderstorms that did not produce a lot of valley rain blanketed the area in cloud cover, which has slowed snowmelt.

Though some models show the creek won't reach flood status in the next few weeks, Ward said he is wary of relying on them.

"Like any weather forecaster, a model forecast is never going to be accurate," he said. "It's going to be higher or lower."

McInerney still warned that both Big and Little Cottonwood creeks remain unsafe to be around. He advised families not to take

their children or pets near the creeks, because the water flows very quickly as snow continues to melt. If you fall in, it can be very difficult to get back out.

"I know we all want to put on flip-flops and go up the canyon and look at the water," he said. "Stay away and wait for the water to come down."

Most of the snow affecting the creeks is predicted to have melted by the second week of June, he added.

Sandy is the latest Utah city to declare a state of emergency related to flooding this year. Holladay officials made a similar announcement May 16 because of snowmelt in Big Cottonwood Canyon.

In April, both Salt Lake City Mayor Erin Mendenhall and Salt Lake County Mayor Jenny Wilson declared a state of emergency related to flooding. On May 1, Spanish Fork Mayor Mike Mendenhall issued a similar declaration.

Gov. Spencer Cox declared a state of emergency for Utah on April 18 because of ongoing flooding and flood risk. A month later, he convened state lawmakers to address flooding, during which they reappropriated \$33 million in state funds to help expand and repair culverts, repair damaged bridges, purchase and distribute sandbags, monitor for landslides, staff the state's emergency operations center and more.

ENVIRONMENT

Climate change and dam safety: Why there are potential risks to people

Utah has multiple debris basins and reservoirs that could be studied

By Amy Joi O'Donoghue
Deseret News

There's been plenty of research and news about the nexus between wildfires, extreme weather events and climate change.

But what about the integrity of dams and flood control basins scattered throughout Utah and the rest of the United States?

Sherry Hunt, a research leader and acting location coordinator at the U.S. Department of Agricultural Research Service's Agroclimate and Hydraulic Engineering Research Unit in Stillwater, Oklahoma, says experts are attempting to answer how extreme weather impacts this type of infrastructure, as many of the dams are 50 to 60 years old and vulnerable to problems.

"Changes in weather patterns are affecting the levels of the permanent pools in our reservoirs across the country, including those that were built under the USDA Upstream Flood Control Program," Hunt said. "We need the best information on how this is happening and what impact it is having."

Originally established in 1940 as a partnership between the research service and Oklahoma A&M College, which is now Oklahoma State University, the Agroclimate and Hydraulics Engineering Research Unit is the primary lab in the USDA system for developing improved dam structure design and providing information on how to maintain and rehabilitate aging water retention structures.

With Wednesday being deemed as National Dam Safety Awareness Day, the federal agency hopes its efforts will be a key component to ensuring the integrity of the water



The dam at Tibble Fork Reservoir is pictured in American Fork Canyon on Tuesday.

Kristin Murphy, Deseret News

infrastructure and the safety of people who live downstream.

With nearly 12 thousand USDA upstream flood control dams nationwide, two-thirds of which are past their original design life, Hunt believes the research provided by this facility is more important than ever.

"As our climate continues to change and we see more and more volatility in our weather, we potentially see more pressure on these structures. That makes the work we do that much more critical," Hunt said.

One such example in Utah is Tibble Fork Reservoir, a picturesque body of water in American Fork Canyon.

In an assessment performed in 2004, agencies determined the 50-year-old earthen dam did

not meet federal or state safety regulations for a high hazard dam, which means there are vulnerable populations downstream should there be a failure.

That resulted in the start of a \$73 million rehabilitation project which had unintended consequences of a sediment release in 2016 after crews began draining the 10-acre reservoir.

At the time of the release, both state wildlife officials and Trout Unlimited leaders said the sludge wiped out fish in a 2-mile stretch of river at its north fork. The area is extremely popular among anglers for German brown and rainbow trout.

The Utah Department of Environmental Quality said elevated metal concentrations from historic mining activities

were found in the reservoir's sediment, but have not typically been found in the water itself. Upstream mines include the Live Yankee, Globe, as well as a number of other abandoned gold and silver mines. Estimates of existing sediment volume in the reservoir was approximately 151 acre-feet.

Also in American Fork Canyon, the Silver Lake Flat Dam was identified for a rehabilitation project to keep the 1970s-era dam from crumbling apart.

Over the years, the USDA's Natural Resources Conservation Service has built 45 dams in Utah with local partners such as water conservancy districts. The dams were built years ago and only designed for a 50-year life. Many of them have since been turned over

to new operators.

In this latest research, one area of focus has been the development of small, affordable sensors such as meteorological stations and water quality and quantity monitors for installation in and around aging upstream flood control structures.

The stations would monitor conditions such as soil moisture levels, reservoir water levels, wind speed, rainfall, humidity, and barometric pressure to provide more up-to-date and spatially dense data to partners and dam monitoring alert systems. These alert systems are designed to help improve dam safety and provide early warnings when a dam is in danger of overtopping or breaching, Hunt said.

"Right now, there are some great dam monitoring tools that are available to local watershed sponsors and their partners in state and federal government," Hunt said. "Unfortunately, most of these tools were designed with a 'static' pool of water in mind. This means that they may not have a full picture of what is happening in a reservoir when we see dramatic shifts from drought to heavy rain events."

She added that positioning small, affordable meteorological stations and water monitoring sensors in and around the structures, will give agencies a better idea of what is happening to the dams in real time, adding the data will provide information for new dam design and drive the next generation of dam research.

"The more information we have, the better job we can do in helping ensure that this critical infrastructure continues to provide protection from extreme flood events," she said.



FRANCISCO KJOLSETH | *The Salt Lake Tribune*

Storm clouds break over the Salt Lake Valley last month as cooler temperatures and cloud cover have eased the threat of flooding following a record breaking snowpack year.

Expect thunderstorms in Salt Lake City this week

No major flooding is expected in the Salt Lake Valley; cool temperatures help preserve snowpack.

By **KOLBIE PETERSON**

The Salt Lake Tribune

If you're tired of all the storms and clouds lately, remember that they are keeping our snowpack from melting too fast, experts say.

This week's weather looks stormy and unsettled in the Salt Lake City area, with afternoon thunderstorms expected every day for the next week. Highs will mostly be in the 70s, and lows will be in the upper 50s.

In the St. George area, the weather forecast looks sunny and clear, with some clouds at night. Highs will be in the 90s and upper 80s for the next week, with lows mostly in the 60s.

Flooding outlook

The Bear River in Rich County, from below Woodruff Narrows Reservoir northward to the Utah/Wyoming line, is under a flood warning until Thursday, the weather service said. Flooding along the Bear River will mainly impact agricultural areas and low-lying roadways near the river. Some locations that will experience flooding include Randolph and Woodruff,

according to the weather service. Overall, flows are on the decline.

The Sevier River near Hatch in Garfield County is under a flood advisory and is experiencing minor flooding. It's expected to see more until Thursday afternoon, the weather service said. At 3.9 feet, which is the river's flood stage, minor flooding will impact fields, bridges and low-lying structures.

The Logan River near Logan in Cache County is under a flood advisory until Monday afternoon, the weather service said. Minor flooding is expected to impact the Birch Glen summer home development in Logan Canyon, as well as damage campgrounds throughout the canyon.

Parleys mine opponents cite dust, water worries

Air quality and health impacts are key issues with critics as Utah becomes a dustier place; DEQ is asking for public comment on the proposed operation.

By **LEIA LARSEN** | *The Salt Lake Tribune*

A controversial quarry in Parleys Canyon is one step closer to opening for business after the Utah Division of Air Quality signaled its intent to approve the plan late last month.

The public has until July 27 to provide feedback. Written comments may be mailed to the Utah Division of Air Quality, 195 N. 1950 W., Salt Lake City, UT, 84116 or emailed to John Persons, jpgersons@utah.gov. The Department of Environmental Quality has some guidelines for participants on how to submit useful input on its website.

Opponents of the project have already been vocal about its potential harm to air quality and the scenic Wasatch Mountain landscape.

“Utah’s weak regulatory framework make it highly challenging to mitigate dust pollution at this site,” said Kyle Brennan, a member of the group

Please see **PARLEYS, A6**



LEAH HOGSTEN | *The Salt Lake Tribune*

Granite Construction’s proposal to excavate a limestone quarry in Parleys Canyon has drawn a strong pushback from Salt Lake County officials and nearby property owners.

Parleys

Continued from A1

Save Parleys, in a news release. "Before this permit is issued, the unique atmospheric conditions in Parleys Canyon should be studied for at least a full year in order to understand the potential impacts of the quarry on the air quality in downwind communities."

The proposed site is only a few miles from the Millcreek, Sugarhouse, Canyon Rim and Foothill neighborhoods.

"Parleys Canyon is like a wind funnel," Scott Williams, another member of Save Parleys, said in an interview.

Called the I-80 South Quarry, Granite Construction would operate the limestone mine on land owned by "Tree Farm, LLC," whose registered agent is Jesse Lassley, a real estate developer. Lassley's representatives filed a notice of intention to open a large mining operation in November 2021 with the Division of Oil, Gas and Mining which estimated a maximum disturbance area of 634 acres.

The same day, Tree Farm also filed a notice of intention to open a smaller mine impacting 20 acres. The larger operation application has since been withdrawn, although Lassley's attorneys signaled they will still pursue it. DOGM approved the smaller mine in August.

Now that it has likely secured the Division of Air Quality's approval as well, the mine operators only need a conditional-use permit from Salt Lake County, but county officials have resisted the mine to date.

In a statement, Mayor Jenny Wilson called it "far from a foregone conclusion" and said the county intends to submit comments to the division. She encouraged the public to do the same.

"We have grave concerns," Wilson said, "and outstanding questions about the proposed mine's impact on Salt Lake County's air quality and water resources."

In April 2022, a few months after Tree Farm filed its mining notices, the Salt Lake County Council passed an ordinance prohibiting mining in the Wasatch foothills and canyons. A month later, Tree Farm sued the county, but it appears there has been little movement on the case so far.

'Obviously they're not suppressing most of the dust'

According to the latest plans, the I-80 South Quarry will include blasting operations, two crushers and three diesel generators, producing up to 1.1 million tons of aggregate each year.

DAQ's preliminary approval document includes regulations for keeping the dust down, which mostly involves spraying down the pit and its dirt roads with water.

But Greg Carling, an associate professor of geology at Brigham Young University, wrote a paper in 2018 about Utah's dust regulations for gravel pits and found them "outdated" and "fairly subjective."

"Based on just driving past Point of the Mountain and other gravel pits on windy days," Carling said in an interview, "obviously they're not suppressing most of the dust."

Utah code sets limits on the

"opacity" of fugitive dust, or how much visibility becomes clouded by a plume. When it gets too high, mine operators are supposed to wet down the dust source. But that rule doesn't apply when winds reach 25 miles per hour or more.

"And that's exactly when we need to be doing the most to suppress dust," Carling said. "...They're just kind of off the hook."

In his paper, which Carling noted is not peer-reviewed, he attempted to estimate how much water a quarry would need to effectively control dust pollution. He lanned on between 200,000 to 1 million gallons per acre each year.

"It's almost like you need trucks driving around constantly spraying the surface," Carling said. "That would require a ton of water and a ton of expense to do the job right."

Utah's overconsumption of water combined with climate change and a drying West are leading to more and more dust events, including pollution that continues to blow from the desiccated Great Salt Lake.

"We definitely should be worried about it," Carling said. "It's affecting the particulate matter in the air we breathe every day. And a lot of the particulate matter contains fine particles that go deep in your lungs."

The state saw record-breaking dust storms last year, Carling added.

The problem with monitoring equipment overseen by DAQ is they are mostly set up to capture widespread pollution events, like winter inversions. They don't always catch localized pollution, like plumes blowing from a gravel pit or a dry lakebed into a neighborhood.

"It may not fill up the whole valley," Carling said, "but it's definitely going to affect someone downwind."

On an I-80 South Quarry website managed by Granite Construction, the company points to Utah's rapidly growing population. All that growth means construction, and construction needs the aggregate materials they offer. Site a gravel operation too far from all the development, and the Wasatch Front will also see pollution in the form of heavy truck traffic hauling in the rock.

"Failing to develop new, local aggregate sources will have serious consequences on the environment and economy," the company argues.

But Williams with Save Parleys countered most of the valley's projected growth will occur in the southwest side of the valley, not in long-established communities like Millcreek and Sugarhouse.

"This is about as far away in Salt Lake County as you can get from where the developments are going to occur," Williams said. "We don't know where the destination of this aggregate is. Until we know that, we can't know whether this is a good site for it or not."

Carling suggested looking at wind patterns and identifying mining locations where the dust won't blow into huge population centers. But even in rural parts of Utah County where gravel pits have opened, farmers are grappling with dust and the damage it's doing to their crops.

"As soon as you go somewhere else," Carling acknowledged, "it's going to affect another person."

ENVIRONMENT

'We're battling the mountain'

Debris flows and snow test Utah canyons

By Amy Joi O'Donoghue
Deseret News

In his tenure as supervisor over the Uinta-Wasatch-Cache National Forest, Dave Whittekiend has been tumbled into a new reality rife with challenges that are not on the playbook for managing forests.

"I've been here for 11 years now and I have not seen anything like this in that amount of time. This has been one of the biggest snow years we have had. We've had localized issues and runoff issues."

The trails are muddy, there is debris everywhere and Whittekiend urges caution as people naturally want to head to the canyons to escape the summer heat.

"As far as natural damage, be aware of your surroundings. There's still a lot of water coming off and in a lot of the streams there could be downed logs and downed trees. You know, be cautious as you're going around those things and it may not be all that great. Just really pay attention to the conditions that are out on the ground."

Tanners Flat Campground in Little Cottonwood Canyon took a particularly hard hit. A bathroom was wiped out. There are downed trees everywhere.

Utah Department of Transportation spokesman John Gleason said the situation was dire at Little Cottonwood.

"Ninety-eight avalanches hit the road throughout the winter season and 62 of those slides were big enough to bury a vehicle or destroy a wood frame house."

It's been grim.

"There's only so much that you can do when we were getting as



Spenser Heaps, Deseret News

Hundreds of trees that were flattened by an avalanche in the Maybird Gulch slide path in Little Cottonwood Canyon in Salt Lake County are pictured on Thursday.

much snow and as many storms as we had. We were seeing slides triggering in areas that hadn't run in nearly 30 years," Gleason said.

To help, Whittekiend said the Forest Service is asking for volunteers to mitigate the damage and try to restore the canyons to their natural state as much as possible.

"We are accepting volunteers to go out. We would ask that they check with the Forest Service office. And before they just go out and start doing work on the forest, we need some oversight on that," he said. "But we're assembling

projects that volunteers could work on. We've also had a very successful adopt the trail program in the forest in the past and if there are people who want to adopt a trail and do a lot of maintenance work."

Greg McDonald, senior geologist with the Utah Geological Survey, said a debris flow closed the road in Little Cottonwood Canyon six weeks ago. It caused substantial damage, only to be followed by another one a couple of weeks later.

The sloughing off of a mountainside is because of overly

saturated soils that simply give way to the movement of the ground.

Whittekiend stressed the most important virtue at this time is patience.

"We know that there is damage out there. We have not been able to fix some of it yet. And there will be a time lag. We can't get to everything all at once," he said.

"As they're getting out, well before they go out, be certain to check our website. We're working pretty hard to keep it up to date, as far as conditions out in the forest," he said.

The winter has spoken. Record

snowpack. Elevated Great Salt Lake levels. Landslides and over-the-top records for stream flows. Raging rivers and streams and yet more to come. Anyone in the business of hydrology, meteorology, geology, water supply and public safety knows it is a fickle game, from year to year.

"We were seeing those slides happen this year in areas that they hadn't experienced those (type of) slides in decades," Gleason said. "And so to see that I mean, some of our crews said that they felt like they were going to battle with the mountain."

SHIPS AHOY! » WATERCRAFT RETURNING TO GREAT SALT LAKE



RICK EGAN | The Salt Lake Tribune

Cranes lowering boats Tuesday into the water at Great Salt Lake Marina State Park. Water levels have risen more than five and a half feet, bolstered by runoff from record-breaking snowpack.

Great Salt Lake boaters return as water rises more than five feet

Marinas at the lake's state parks were high and dry last year, but historic snowfall has raised water levels and sailors' spirits.

By **LEIA LARSEN** | The Salt Lake Tribune

The boats are back and the sailors are stoked.

The water at Great Salt Lake State Park and Marina is up five and a half feet since the lake hit a record-low elevation in November. It swelled more than a foot in just

the last month, thanks to a record-breaking snowpack and subsequent runoff. And the salty lake sailing aficionados couldn't be happier.

"It's so nice to be back on the lake," said Ogden resident Chase Burch, whose boat was lowered back into the slips as part of "crane day" held on Tuesday.

"And," he added, "it's pretty unexpected."

The last of the marina's boats were pulled in August as the lake's water continued to recede to unprecedented levels. Brine flies, a foundation of the lake's food web, were wiped out. Spiking salinity

levels threatened brine shrimp as well. Lake-based industries struggled. Lawmakers scrambled to create policies that would reverse the lake's decline, but no easy solutions emerged.

"Everyone was like, 'The game's over. That was nice while it lasted,'" Burch said.

Then the snow came. And kept coming.

Burch said he is looking forward to returning to the lake's serenity. Sailors at the Great Salt Lake don't face the crowds seen at other lakes and reservoirs across Utah, since the lake spans hundreds of square miles and its salty water tends to

Please see **BOATS, A6**

Boats

» *Continued from A1*

be too corrosive for the metal parts on motorboats.

"It's just this massive lake, and there's hardly anybody out there," he said. "You get a nice sense of solitude and a little bit of adventure."

After crane day, the Great Salt Lake marina now has about 50 sailboats anchored, according to the Utah Division of State Parks. And there is a surge of optimism at the park that all but dried up when the lake hit its first record low in 2021, then continued shrinking.

"Happy's putting it mildly," said state parks spokesperson Devan Chavez. "It really filled me with joy when I saw where the water's at in the marina today."

Still, he cautioned, the lake isn't in the clear. It needs to rise another five feet or so to reach a sustainable elevation and stop blowing toxic dust. At least four of the boats stacked in the marina's parking lot last summer are too big to launch at the lake's current elevation. And only a fraction of the park's 320 slips are occupied.

Antelope Island's marina, which has mostly been bone-dry for the last three years,

barely has enough water to support kayaks and paddleboards.

"But there is some water in there," Chavez said, "which is good news for us."

A declining Great Salt Lake isn't a problem that only recently surfaced. State resource managers dredged the Great Salt Lake State Park's marina by several feet in 2016 in an effort to keep it operational. They are planning on dredging it again at a cost of \$4 million. Exact plans for that project haven't been finalized.

Meanwhile, the water consumption habits which caused the lake to drop to record lows largely remain unchanged.

The potential peril still facing the lake isn't lost on boaters like Burch.

"Just because we had this one banner year of snow," he said, "in the long term, we're probably not gonna have a winter like that again, so we need to conserve water in order to keep this going."

This article is published through The Great Salt Lake Collaborative: A Solutions Journalism Initiative, a partnership of news, education and media organizations that aims to inform readers about the Great Salt Lake.

40-day stretch of continuous flood risk comes to end. Now what?

The National Weather Service said chances of high flood risk moving forward are low, but there still are concerns.

By **ANDREW CHRISTIANSEN**

The Salt Lake Tribune

The National Weather Service announced on Wednesday that, for the first time in 40 days, there were no active flood watches, warnings or advisories for the state of Utah.

The 40-day stretch of continuous Utah flood risk was triggered in part because of significant snowmelt from Utah's historic snowpack this year, which broke a 40-year record.

The last remaining Utah flood advisory was for the Sevier River near Hatch, in southern Utah, and the last flood warning was for the Bear River near Woodruff, in the northeast corner of the state. Both were canceled Wednesday morning.

Glen Merrill, a hydrologist for the weather service in Salt Lake City, said flooding risk over these past 40 days has largely been focused in northern Utah, but earlier in the flood season, which began in March, there was flooding in Washington County.

"Mid-April was one of our first warm-ups after a big, low-elevation snowstorm," Merrill said. "That's when we saw Emigration

[Creek] flood for the first time, and then it flooded again, and that's sort of the start of this 40-day period."

During that time, Merrill said the state has seen its biggest flood concerns specifically with the Weber River, Bear River, and Logan River.

While it's likely that Utah is now out of the woods when it comes to high flood risk, that doesn't mean flooding isn't possible, according to Merrill.

"We don't have any areas forecast to reach flood stage again moving forward," Merrill said. "That's not to say that that couldn't happen if we got a rogue thunderstorm over a certain watershed that's sitting at a peak flow right now, but the chances of that are extremely slim."

High-flow waterways across the state can still pose a risk too, Merrill said.

"We're moving an enormous volume of water throughout our waterways across the state," Merrill said. "And that's going to continue through June and into July, where for our water supply, we're expecting anywhere from 150% to 300% of normal water volumes depending on the watershed."

He explained that this can lead to these streams, creeks and rivers remaining at "above normal," which poses safety concerns with "high, swift and cold water."

Utah's 40-day stretch of elevated flood risk isn't necessarily unprecedented. The state saw extended flood risk in 2011, when



TRENT NELSON | *The Salt Lake Tribune*

People work to save a home as Emigration Creek rises in Emigration Canyon last month.

Utah came close to breaking the snowpack record. The difference at the time was the state had a very cool and wet spring, delaying snowmelt.

This year, Merrill said, "we've been essentially melting that record-breaking snowpack since the second week in April" — in part because this spring has been relatively warmer.

Though the end of that 40-day stretch Wednesday was a good sign, Merrill said it is important to recognize that flooding could

have been much worse.

"We can thank the weather that we've experienced," Merrill said, noting that flooding across the state this year has generally been isolated.

Merrill said another factor has been the amount of planning, preparation and resources available across the state to help mitigate flooding. In May, state lawmakers set aside \$33 million to help Utah communities combat flooding, along with \$7 million in an existing emergency response fund.

'Out of the woods': Flood risk in northern Utah could soon be gone, water manager says

Consistent warm weather has allowed much of the snowpack to ease off the mountains.

By **JACOB SCHOLL** | *The Salt Lake Tribune*

For the flood risk in parts of northern Utah, it looks like the area could soon be in the clear.

Not only did the National Weather Service in Salt Lake City cancel the state's remaining flood warnings, including along the Bear River, but rivers in the area reached peak flows in previous days, according to Scott Paxman, general manager for the Weber Basin Water Conservancy District. The district delivers water to Weber, Davis, Morgan and Summit counties, along with some parts of Box Elder.

"I was under the impression from all forecasts [and] everything that we had passed the [runoff] peaks, and that is true on probably 90% of the rivers and streams in our basin," Paxman said Thursday. He added that, at this point, much of the runoff still will fill up the remaining room in reservoirs.

However, rivers and streams could always see upticks in flow, as Paxman said that happened to the Weber River near Oakley earlier this week. That river hit a new peak flow Wednesday night after hitting a peak two weeks earlier.

"I think the warmer weather just kind of finally hit the upper snowpack, those high elevation snowpacks, and it's coming down," he told *The Salt Lake Tribune*.

Paxman said the consistently warm weather around northern Utah created the perfect conditions to avoid flooding and ease the snowpack off the mountains. The record snowpack understandably caused worry around Utah, even leading to

state lawmakers setting aside funds to help mitigate potential damage from flooding. The state has largely avoided widespread floods, but some of the northernmost parts of the state have reported damage and livestock deaths along the Bear River. High flows along the upper Ogden and lower Weber rivers flooded fields and yards in Weber County, even washing out the land under part of a road in Ogden Canyon.

As of Thursday, Utah's total snow-water equivalent is nearing zero, according to figures from the U.S. Department of Agriculture. But some places, like Tony Grove Lake, situated in the Bear River Mountains outside of Logan, still have over 14 inches worth of water in its snowpack, according to USDA figures. The peak of Ben Lomond, situated above Ogden and much of Weber County, has just over a foot of water still trapped in its snowpack.

But the consistently warm weather has water managers like Paxman optimistic the northern parts of the state are beyond their peak for water. He said East Canyon Reservoir, located in Morgan County, will still likely spill over next week.

"It's 98% full," Paxman said. "So we're estimating that by the 13th, so that's next Tuesday, that it will be spilling by then."

But as of now, the amount of water running off into the reservoir has dropped significantly, meaning Paxman doesn't expect flooding downstream of East Canyon. Aside from the Weber River headwaters near Oakley, the area's peak flows are in the rearview, meaning it's likely the area's flooding risk is over.

"I think we're actually done with that flooding potential," Paxman said. "We're well over the peaks, we're well, down to kind of normal flows, actually, in a lot of the areas. So yeah, I think we are out of the woods, truthfully."

COVER STORY

Poll shows concern for Great Salt Lake remains strong, but slightly diminished



Water levels at the Antelope Island marina are pictured as the Great Salt Lake experiences record-low water levels on July 22, 2022, and after a record snowpack year on June 5, 2023.

Kristin Murphy, Deseret News

By Amy Joi O'Donoghue
Deseret News

The endless winter storms that draped Utah's watersheds in a canopy of white, breaking records, collapsing roofs and burying recreation sites also slightly dampened some of the concern Utah residents have over the Great Salt Lake.

A Deseret News/Hinckley Institute of Politics poll shows that 74% of Utah residents remain concerned over the fate of the saline lake, while 27% are less concerned or not concerned at all. Dan Jones & Associates conducted the survey of 798 registered Utah voters May 22 to June 1. It has a margin of error of plus or minus 3.46 percentage points.

That percentage of concern has dropped since last year, when the lake was struggling with historically low levels. At that time, 80% of residents voiced their concern over the lake, which is the largest saline lake in the Western Hemisphere.

Incoming Great Salt Lake Commissioner Brian Steed said the numbers are not surprising. "I think there's a tendency when we have a good water year for people to think that the problems are solved. Unfortunately on the Great Salt Lake, that one good water year was preceded by many, many bad water years, and so we got ourselves into something of a deficit with the Great Salt Lake," Steed said. "We need to be mindful of that. In order to get out of that deficit, it is going to take more than one good year, so it's not time for us to give up on water conservation."

While a water supply outlook report released this week by the Natural Resources Conservation Service's Utah Snow Survey noted the lake has risen by five feet, Steed says it still has a long way to go and those numbers largely reflect the south arm of the lake, which is at an elevation of 4,194 feet.

"We're not seeing that level of increase in the north arm, so that is something we have to watch, too."

Rising lake levels have prompted the return of some of the larger sailboats to the Great Salt Lake Marina this week, but Steed also cautioned that may not be a luxury that endures for long.

"We're not very many feet away from actually having to remove those boats again. I don't want to be a glass half full kind of guy. I think that we have a lot of cause to celebrate, but we should not let up on our concern."

The larger sailboats were returned to the marina after they were forced to leave last year because lake levels plunged to the lowest they have been in 175 years of recorded history.

"The other thing is that level is not high enough that it creates a buffer for dry years that we know are going to come," he said. "With drought years, we would expect that to shrink. ... Sitting at the level it is right now, it's not quite high enough to feel super confident that it won't shrink quickly and put us back into a crisis situation."

Lawmakers have been galvanized into action to help the Great Salt Lake and boost water conservation efforts, spending millions over the last two years, including the establishment of a \$40 million Great Salt Lake trust and changing the law that allows holders of water rights to lease their water on behalf of the lake without fear of losing that right.

Optimism and challenges

Steed, who was picked by Utah Gov. Spencer Cox as the lake's new commissioner, is awaiting confirmation by the Senate, possibly as early as next week.

It is a role he welcomes, coming from the natural resources world where he remains executive director of the Janet Quinney Lawson Institute for Land, Water, and Air at Utah State University. He also served as executive director of Utah Department of Natural Resources and as acting director for U.S. Bureau of Land Management.

"I think that we really can make a positive influence or a positive impact on the Great Salt Lake, and I think that should give us all a sense of optimism that if we do things right, that we can actually keep the lake and achieve healthy levels that benefits both wildlife that rely on the lake but also benefits us by having a healthier air shed," Steed said.

As he has stressed, however, the challenges are far from over.

One can only look to the impacts from other saline lakes that have been reduced to dust or are well on their way, including Iran's Lake Urmia or the notorious Owens Lake in California.

It took 20 years and \$2.5 billion to mitigate the pollution from Owens Lake, which at one point was the nation's most prolific spot for generating harmful PM10 pollution.

It's a lesson to pay attention to, Steed cautioned.

"There's big consequences for allowing that ecological collapse. So the good news is, I think, that we have options ahead of us, and we have the opportunity to prevent that. The bad news is we know what it looks like when it goes wrong. We know what failure looks like."

"I think there's a tendency when we have a good water year for people to think that the problems are solved. ... It's not time for us to give up on water conservation."

— Brian Steed, Great Salt Lake commissioner

The Great Salt Lake has been in the headlines due to decreasing water levels. How concerned are you about the Great Salt Lake?



Deseret News/
Hinckley Institute poll

NOTE: Numbers may not add up to 100% due to rounding.

SOURCE: Poll conducted by Dan Jones & Associates May 22-June 1, 2023, of 798 registered Utah voters and has a margin of error +/- 3.46%.



Water levels are pictured in Buffalo Bay, looking at Antelope Island, as the Great Salt Lake experiences record-low water levels on July 22, 2022, and after a record snowpack year on June 5, 2023.

Kristin Murphy, Deseret News

IN CASE YOU MISSED IT



Kristin Murphy, Deseret News

The Antelope Island marina is pictured in the Great Salt Lake on June 5. Utah Sen. Mike Lee and Utah Rep. John Curtis unveiled the Great Salt Lake Stewardship Act, which addresses the ecological crisis facing the Great Salt Lake.

Lee, Curtis propose more money for ailing Great Salt Lake

A proposed boost in federal money to help the Great Salt Lake watershed and ultimately the lake itself was introduced Wednesday in Congress by two GOP members of Utah's delegation.

Sen. Mike Lee and Rep. John Curtis unveiled the Great Salt Lake Stewardship Act, which they say is critical legislation that addresses the dire ecological crisis facing the Great Salt Lake.

The lake dropped to its historic low last year and over 175 years has seen depletion of its tributaries and drought drop it by 11 feet.

Not only does the dwindling health of the lake pose ecological harm, including to wildlife and millions of migrating birds — it threatens air quality and the financial benefit it generates in Utah and on the international stage.

According to the Utah Division of Wildlife Resources, the brine shrimp industry is valued anywhere between \$10 million and \$60 million, with 21 companies as of this year involved in the harvest that constitutes 45% of the global supply.

That has been put in jeopardy as well as other uses including the extraction industry. But there are solutions out there, with this legislation being the latest on the table.

Recognizing the urgent problems that stem from a shrinking lake, the Great Salt Lake Stewardship Act proposes the expansion of the existing water conservation program under the Central Utah Project Completion Act to include the entire Great Salt Lake drainage basin and allows unexpended budget authority available under the Central Utah act to be used for water conservation efforts.

— Amy Joi O'Donoghue

RECREATION

'It's just so exciting'

Dozens of large boats return to Great Salt Lake marina as water levels rise



Sailboats are hoisted into the Great Salt Lake marina in Salt Lake City on June 6. Water levels have risen enough for sailing on the lake. Jeffrey D. Alfred, Deseret News

By Carter Williams
KSL.com

Jimmy Ludlow watched as a crane lifted a nearby boat up into the overcast sky and over toward the Great Salt Lake State Park marina, where it was carefully placed into the water and one of many boat slips.

"It's just so exciting to have this much water in the lake," said Ludlow, of Salt Lake City, as he stood in the marina parking lot on June 6. "In the fall, this was just mud through the marina here. To have this much water and know more is coming — it's really cool."

Moments later, it was his boat's turn. Crews helped him slip yellow straps around his boat, Edgewater, and hoisted it into the air. He held onto a rope and watched as the crane lowered it back into the Great Salt Lake.

Edgewater is one of a little more than 30 larger boats that was brought back to the lake as a part of a "crane day" hosted by the Utah Division of State Parks. The various boat owners paid to get their larger vessels back into the water with the help of the agency after the lake was so dry last year that all the boats needed to be removed.

"The Great Salt Lake is pretty much back open for a number of boats," said Devina Chavez, the division's spokesman.

The event is a reversal of what happened last year after the Great Salt Lake dropped to its lowest water levels since records of its levels were first tracked more than 175 years ago, as a result of overconsumption and a severe drought. All of the boats that are typically docked at the marina had to be removed before the end of summer because there wasn't much water left in the marina.

Chavez explained that there have been days when boats had to be taken out of the marina, but it had never gotten so bad that the entire marina had to be closed "as much as we did."

"We never had to say the state park marina is closed because there's no water in it," he said. "That happened to a number of state parks because of these historic-low drought levels ... which wasn't something that people were used to seeing."

The conditions were so bad in the Great Salt Lake that the U.S. Geological Survey, which tracks water levels at a site in the marina, couldn't even measure the lake's levels because it was too dry from late September through mid-December to get an actual reading. The federal agency estimates that the lake got as low as 4,188.2 feet elevation in early November.

The lake's fortunes began to change around that same time, though. Utah ended up with a record 30-inch snowpack because of a series of storms between late October and April. Now that most of the snow has melted, the Geological Survey says water levels at the marina are a little more than 5½ feet above its estimated low point.

It's enough water for boating to resume in the lake.

The event was similar to a "soft launch" with smaller vessels in April, Chavez said. Nearly two dozen boats were launched into the water at that time through the marina's small launch ramp.

While Ludlow was excited to get his boat back into the water, he said the past few months are a reminder of the importance of water conservation and ensuring that water ends up in the Great Salt Lake. That's especially a concern for boaters because there's no guarantee that the lake won't return to its record-low 2022 levels in the near future.

Chavez adds that boating's availability in the marina could also help in this effort, too. Visitation at the marina has gone up over the past few years even as the lake shrinks.

"Outdoor recreation ... is a great first step in your journey in learning and caring more about the Great Salt Lake," he said. "I think it can really deepen your understanding and cause you to learn a little more about it and, in turn, care more about it and help preserve it for future generations."

'Heartbeat of the city' brings farmers and businesses together

When Jorge Fierro started selling "De La Olla" pinto beans at the Salt Lake City Downtown Farmers Market 25 years ago, he was one of just a couple dozen vendors.

This summer, he is one of more than 200 sellers helping to make up the largest farmers market in Utah.

"The way that it has grown is incredible," Fierro said. "Back in the day, it was just a way to make extra cash for the holidays. ... Now, some of us live off of it and see it as an economic tool to launch businesses."

The market returned for its 32nd season on June 3 at Pioneer Park, 50 W. 300 South in Salt Lake City. It will run 8 a.m. to 2 p.m. weekly through Oct. 21.

"This is one of Salt Lake's institutions that connects all of us, and that is evidenced by all the folks that are here today and are here each week," said Dee Brewer, executive director of Downtown Alliance, at an event launching the market on Saturday.

Brewer expects to see around 10,000 visitors at the market each week. This is the second year that the market will be at full capacity since the COVID-19 pandemic resulted in a reduced number of vendors in 2020 and 2021.

Brewer said the market connects Salt Lake City with rural Utah farmers, as well as helping to launch businesses for Utah entrepreneurs.

"Our roots are intertwined," Brewer said. "We're successful together."

The market has been instrumental to Fierro's business. After growing up in Mexico and coming to the United States, Fierro wanted to share the authentic cuisine he grew up with and represent the diverse, unique options from different regions in Mexico.

Today, he sells around 25 products under the brand "Rico" in grocery stores across northern and central Utah, including Whole Foods, Harmon's, Smith's and Fresh Market. He also distributes frozen burritos to nine states.

But Fierro still does most of his marketing at the farmers market. He called market attendees his "guinea pigs." He likes to try out new products with customers, see if they do well and then launch those products in stores.

"These are my roots right here," Fierro said, gesturing around the park.

Salt Lake City Mayor Erin Mendenhall encouraged locals to support their local economy by attending the market, calling herself an "avid farmers market shopper."

"We know that when we spend our money with these vendors, the majority of that dollar stays here in our local economy," Mendenhall said. "It helps our neighbors and builds our community."

She pointed out that meeting the people who produce the food helps build a sense of community and helps launch new businesses. She said 92% of the business licenses issued in Salt Lake City go to small businesses, where there are 50 or fewer employees.

"This is not just the bread and butter of who Salt Lake City is — It's the heartbeat of the city," Mendenhall said. "This is our Salt Lake culture. ... This is what a healthy, vibrant capital city market looks like."

— Gabrielle Shiozawa

WATER ISSUES

Utah's reservoir capacity soars past 80%. Here's which ones are now full



Kristin Murphy, Deseret News

Silver Lake Flat Reservoir is pictured in Utah County on May 30. Utah's reservoir system is now up to 84% capacity, about 24 percentage points above the same point last year.

By Carter Williams
KSL.com

What a difference a year makes.

Utah's reservoir system is in a much better place with summer around the corner than last year, as what's left of the state's record-breaking snowpack continues to melt in what water managers are calling a "near-perfect runoff."

"Mother Nature has absolutely given us two incredible lifelines," said Gene Shawcroft, general manager of the Central Utah Water Conservancy District, referencing the record snowpack and efficient spring runoff. "There were a number of things done to manage the water in a way that we were able to fill the reservoirs and provide some water to the Great Salt Lake."

The Utah Division of Water Resources reported Thursday that Utah's reservoir system, excluding Lake Powell and Flaming Gorge, is now up to almost 84% capacity.

It adds that 18 of the state's largest 45 reservoirs are at 100% capacity or higher at the midway point of June, while another 20 reservoirs are between 80% and 99.9% of full capacity. By comparison, the reservoir system was nearly 60% full on June 15 last year, and only about a dozen reservoirs were listed at 80% capacity or higher, according to the agency.

Aside from Lake Powell, which is now up to 36% capacity, only two of the 45 largest reservoirs in Utah are below 40%. Those are because of dam safety projects; for instance, Yuba Reservoir is only listed at 31% of capacity and is not expected to be refilled this year, agency officials said.

Shawcroft credits the weeks of warm, but not hot and cloudy weather for helping the record snowpack come down from the mountain without the widespread flooding that he and others feared could happen this spring with such a high snowpack. Not only did it spare flooding, but the more efficient runoff also helped some of the state's largest reservoirs to regain more water than managers had hoped.

For example, Strawberry Reservoir in Wasatch County is up to 88% capacity and is expected to surpass at least 90% this year.

"There was not the expectation that we would come even close to that. That's a great thing," Shawcroft said. "Strawberry Reservoir is the long-term water supply for the Wasatch Front, and so having Strawberry full is very important to us."

How much more will reservoirs grow?

There was still 0.7 inches left in the statewide snowpack as of Thursday afternoon, according to Natural Resources Conservation Service data. Most of what's left is in the Wasatch Mountains and high-elevation areas of the south-central mountains. While what's left only represents a little over 2% of this year's record 30-inch peak in April, the snowpack is normally melted statewide by June 14, based on the 30-year median.

Candice Hasenyager, director of the Utah Division of Water Resources, wrote in an email statement to KSL.com Thursday that it's still unclear what the final statewide reservoir capacity will be this year until all that remaining snow has melted.

Shawcroft, who also serves as chairman of the Colorado River Authority of Utah, explained that water managers typically wait until the end of the runoff to top off the reservoirs so they are able to manage flood risks. He adds that what's left in the mountains is "completely manageable," and not much of a major flood risk anymore.

It's worth noting that even the reservoirs that Utah typically doesn't rely on are benefiting this year. Lake Powell has already gained more than 50 feet since its record low earlier this year and remains on track to gain another 15 feet in the coming weeks, Shawcroft said.

Meanwhile, both he and Hasenyager agree that Utahns shouldn't return to pre-drought water habits even as many reservoirs refill. They note that there's no guarantee that the 2023 water year is nothing but a "blip" within the megadrought that began more than two decades ago.

Contributing: Ladd Egan



Fox 13 News

A crane lifts larger boats back into their slips at the Great Salt Lake Marina, a sign that water levels continue to look promising.

Boats return to Great Salt Lake Marina as water levels keep rising

By BEN WINSLOW | FOX 13 News

A crane lifted boats into their slips at the Great Salt Lake Marina on Tuesday, a sign of the lake's rebounding thanks to an amazing winter with record-breaking snowpack.

The boats were pulled out of the marina in August 2022 as the lake hit a historic low. Through the fall and winter seasons, the marina was empty and the dry ground was a reminder of the peril facing the Great Salt Lake. In April, the marina started to see some life again as the first two sailboats were put back in the marina by their owners.

"While some boats have gone into the marina last month, this is our first big push," said Devan Chavez, a spokesperson for the Utah State Parks system. "Over 30 boats going in there today. This

is the boating community's big hurrah. We're back, the Great Salt Lake is open for recreation."

But the lake has now risen 5 feet since it hit that historic low last year. The Great Salt Lake remains about 4 feet below what's considered a "healthy range." The lake's dramatic decline came about over years as a result of water diversion, drought and a changing climate. The harms are significant, with harms to wildlife, public health, toxic dust storms and impacts to Utah's economy.

Saving the lake has become a top priority of the public and policy makers, who passed water conservation bills and spent about \$1 billion over the past two years on measures still being rolled out.

"It's very nice to have the boats back again in the water. Last fall, this was just mud," said

Jimmy Ludlow, a sailboat owner. "There was no water here. So we're really fortunate to have as much snowfall as we had this year."

Ludlow called for people to do their part to help the Great Salt Lake.

"Hopefully, we can reduce water usage and kind of contain it. Because there's a lot of ecosystems, migratory flight paths that rely on this water. It's fun for us to come and recreate on it, but they need it."

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.

'A miraculous melt': Spanish Fork ends emergency flooding declaration



High flows in the Spanish Fork River are shown on April 14.

**HARRISON EPSTEIN,
DAILY HERALD**

**BY HARRISON EPSTEIN
Daily Herald**

After seven weeks in place, Spanish Fork ended the city's emergency flood declaration Tuesday.

The declaration was signed May 1 by Mike Mendenhall, the city's mayor, to reallocate resources and prepare for flooding due to spring runoff.

Spring runoff was especially heavy early this year after a high winter snowmelt left record-setting amounts of snow in mountains and canyons throughout central and northern Utah. By signing the declaration, the city gained access to state

resources for flood mitigation while city workers and volunteers cleared debris from the Spanish Fork River.

"We reached, I think, a significant point probably more around the beginning of this month where we saw the peaks in river flow happen. But since then we've been pulling back the sandbags and different things. We've had tremendous community effort there," City Manager Seth Perrins said during the Spanish Fork City Council meeting on Tuesday.

Flooding was seen in parts of the city and along riverbanks in Spanish Fork, but Perrins said the city was

lucky flows never hit dangerous levels in the city. Perrins also noted what has been a relatively tame start to the summer, temperature-wise, with the city not yet seeing a day over 90 degrees.

"With how much snow we had up in the mountains, we experienced the ideal melt. We experienced a miraculous melt," Perrins said. "If we had a different melt, if we had a different heat wave, the story's different."

Council member Jesse Cardon expressed gratitude for city employees and

Please see **FLOODING**, Page A4

DAILY HERALD



COURTESY SPANISH FORK CITY

Mayor Mike Mendenhall signs an emergency declaration for flooding of the Spanish Fork River at the Spanish Fork city offices on May 1.

Flooding

From A1

volunteers who cleared the Spanish Fork River of debris, filled sandbags and prepared for potential flooding in other ways. Perrins said volunteers spent at least 5,000 total hours filling sandbags.

While the Spanish Fork River is still two to three times higher than typically seen in June, he said, its current level would be considered normal by residents. While a lot of the danger is likely gone, Perrins did say the water still looks “pretty chocolatey.”

According to the U.S. Geological Survey, the highest flows in the Spanish Fork River at Castilla were recorded May 15 with a gage height of 8.55 feet. The gage height was measured around 7 feet on May 1, the

day Mendenhall signed the declaration, and around 3.6 feet on Tuesday.

“Get in the river, still be careful, but get in the river if you need to (or) want to,” Mendenhall said.

Flooding responses were a priority throughout the Wasatch Front this spring as Gov. Spencer Cox issued an emergency declaration across the state — later extended and funded by the Utah Legislature — with declarations signed by Utah County, Salt Lake County, Weber County and several other individual cities including Salt Lake City, Sandy and Logan.

In Utah County, flooding also caused a temporary closure of Highway 89 in Spanish Fork Canyon and washed away part of Nebo Loop Road in Payson Canyon near the Shram Creek trailhead.