

SUMMARY OF OPERATIONS 2024





Poem from Board Chair, Angie Osguthorpe

WEBER BASIN & PROUD

Beneath the peaks where snowflakes rest,
Weber Basin Water Conservancy does its best.
A lifeblood for this arid land,
The District shaped by careful hands.

Through wells deep and reservoirs wide,
The Conservancy acts as a steady guide.
Paxman dreams of future days,
Where waters flow in ever-abundant ways.

Hess oversees with steady hand,
Operations all across the land.
From treatment plants to systems vast,
Ensuring water flows steadfast.

By Nelson's design the waters go,
To reservoirs where volumes grow.
Pipes and channels, strong en masse,
Ensure the scarce resource will last.

Parry speaks of saving streams,
Balancing needs with mindful schemes.
Protecting drops from mountain to spout,
Ensuring that none are left without.

Yet beyond these names, we raise our cheer,
For those who work both far and near.
Engineers, with projects precise,
Tame the water, snow, and ice.

Workers in the sun and rain,
Through heat, through cold, through grit and strain,
Build and mend with steady hands,
Creating what the plan demands.

The admin staff, the heart unseen,
Keep it running, smooth and clean.
Through contracts, calls, and endless care,
Their work is vital; they're always there.

Trustees Osguthorpe, Jenkins, and Buttschardt, too,
And the Andersons—Mark and Jared—lead true.
Elliott, Summers, Robinson, Froerer,
Weber Basin and Proud! Forevermore!

Always collaboration marks our path,
Facing nature's ever-changing wrath.
Together forging plans anew,
For weathered skies and waters blue.

So here's to all, your efforts grand,
For life to bloom across this land.
Weber Basin Water, strong and free,
A gift for all eternity.

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James Jewett

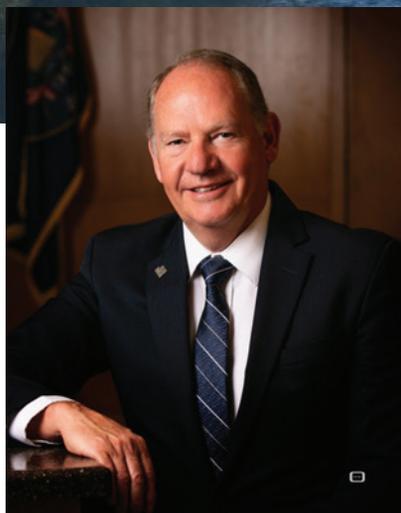
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GENERAL MANAGER'S MESSAGE



Gordon Barrow



Scott W. Paxman, PE
General Manager/CEO

Mr. Paxman has worked in the water industry for over 39 years. He is a registered professional engineer and resides in Davis County.

With this past year came a few challenges and many successes and accomplishments. The water year was actually pretty perfect, just above normal. The District had plenty of water to again fill the reservoirs and make all necessary deliveries, as well as send a significant amount of water to the Great Salt Lake. We will continue to do our part in helping the Great Salt Lake by encouraging and promoting conservation and reducing per-capita water use, as well as address the growing population.

The District employees of each department have really stepped up to meet the challenges this year, including heavy runoff, water outages from the large parallel aqueduct project, operation of the pilot phase for a new water treatment plant, coordination for the installation of several thousand new secondary meters and educating their recipients, construction projects at three water treatment plants, and planning and building all the new projects that support our area's continuous development. The staff continues to amaze me in their accomplishments.

The District's Board of Trustees has also been a pleasure to work with. Their support and understanding is greatly appreciated, especially as our priorities shift with the ever increasing pressure on our water supply.

I would also like to express my appreciation for the great relationships with the District's customer agencies, especially their willingness to meet and discuss the upcoming challenges and work together on solutions.

Thank you to all those that contributed to this report and thanks go to everyone for another great year.

BOARD OF TRUSTEES

The Governor of the State of Utah receives recommendations from the County Commissions and appoints trustees who are then confirmed by the Utah State Senate. The Board appoints a General Manager who serves as the Chief Executive Officer of the District.



Angie Osguthorpe
Chair, Weber County



Jared Andersen
Morgan County



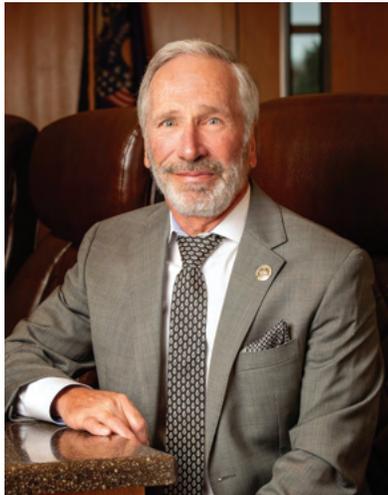
Mark D. Anderson
Davis County



Kym O. Buttschardt
Weber County



Randy B. Elliott
Davis County



Gage Froerer
Weber County



Scott K. Jenkins
Weber County



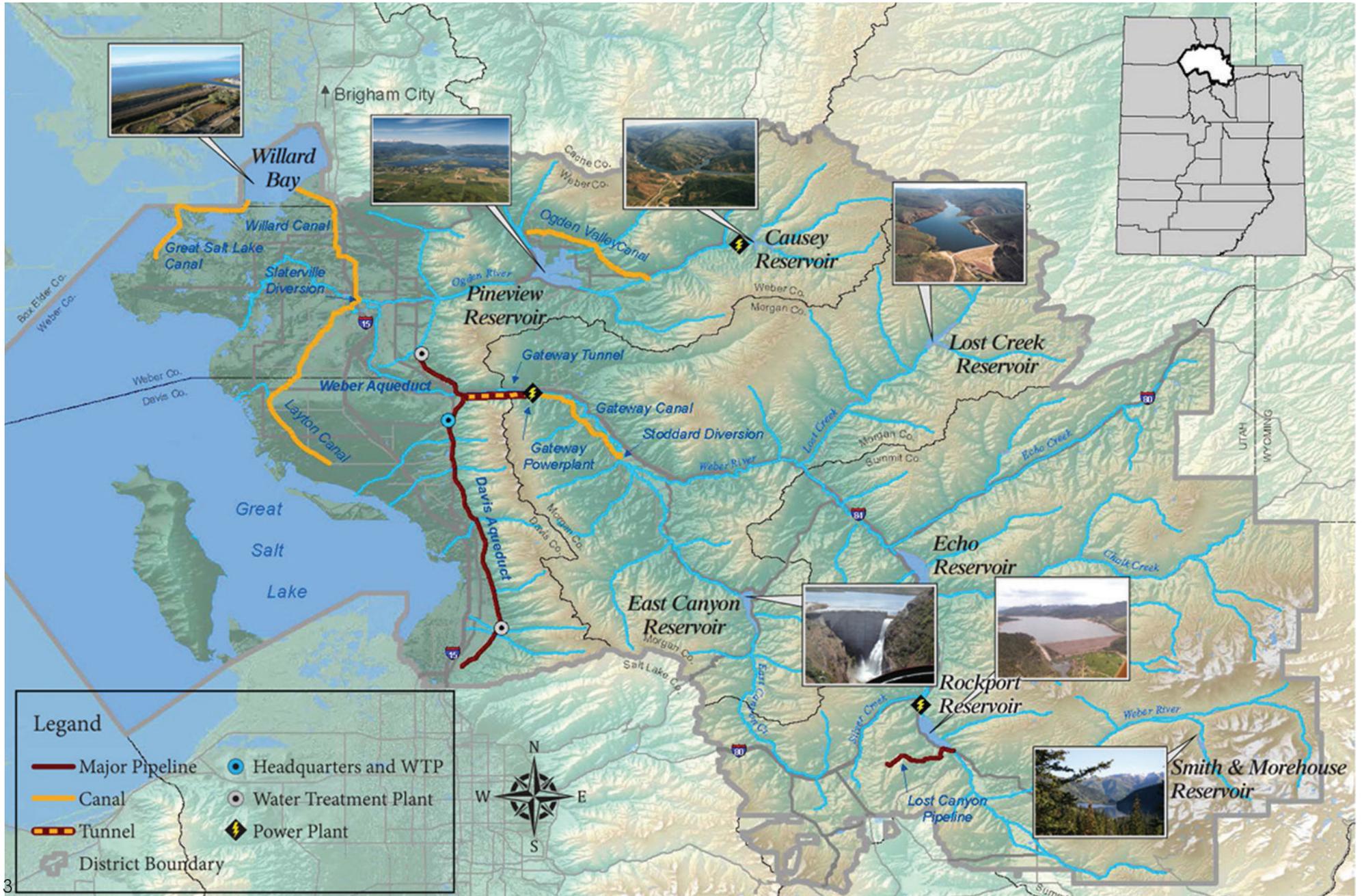
Chris Robinson
Summit County



Paul C. Summers
Davis County

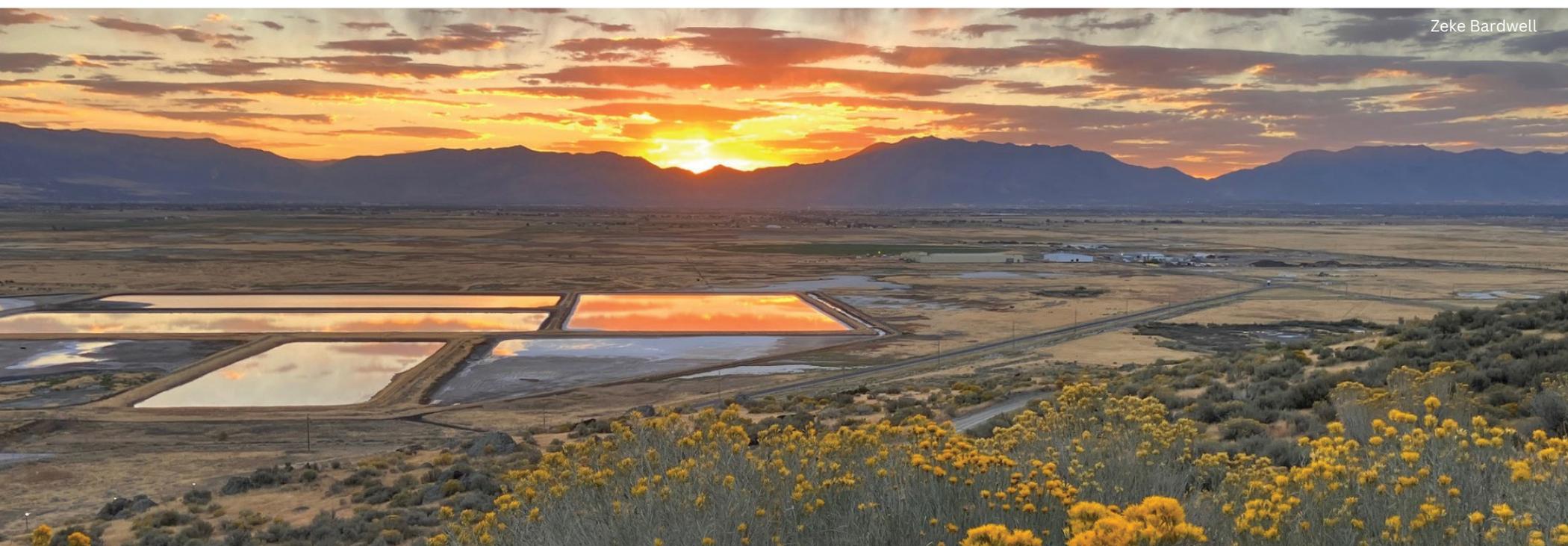
SERVICE AREA MAP

The District supplies five categories of water to its customers:
Wholesale & Retail Secondary Irrigation, Wholesale & Retail Agriculture Irrigation,
Groundwater Replacement, Treated Municipal & Industrial, and Untreated Municipal & Industrial



EXECUTIVES

Zeke Bardwell



Scott W. Paxman, PE
General Manager
Chief Executive Officer



Darren E. Hess, PE
Assistant General Manager
Chief Operations Officer

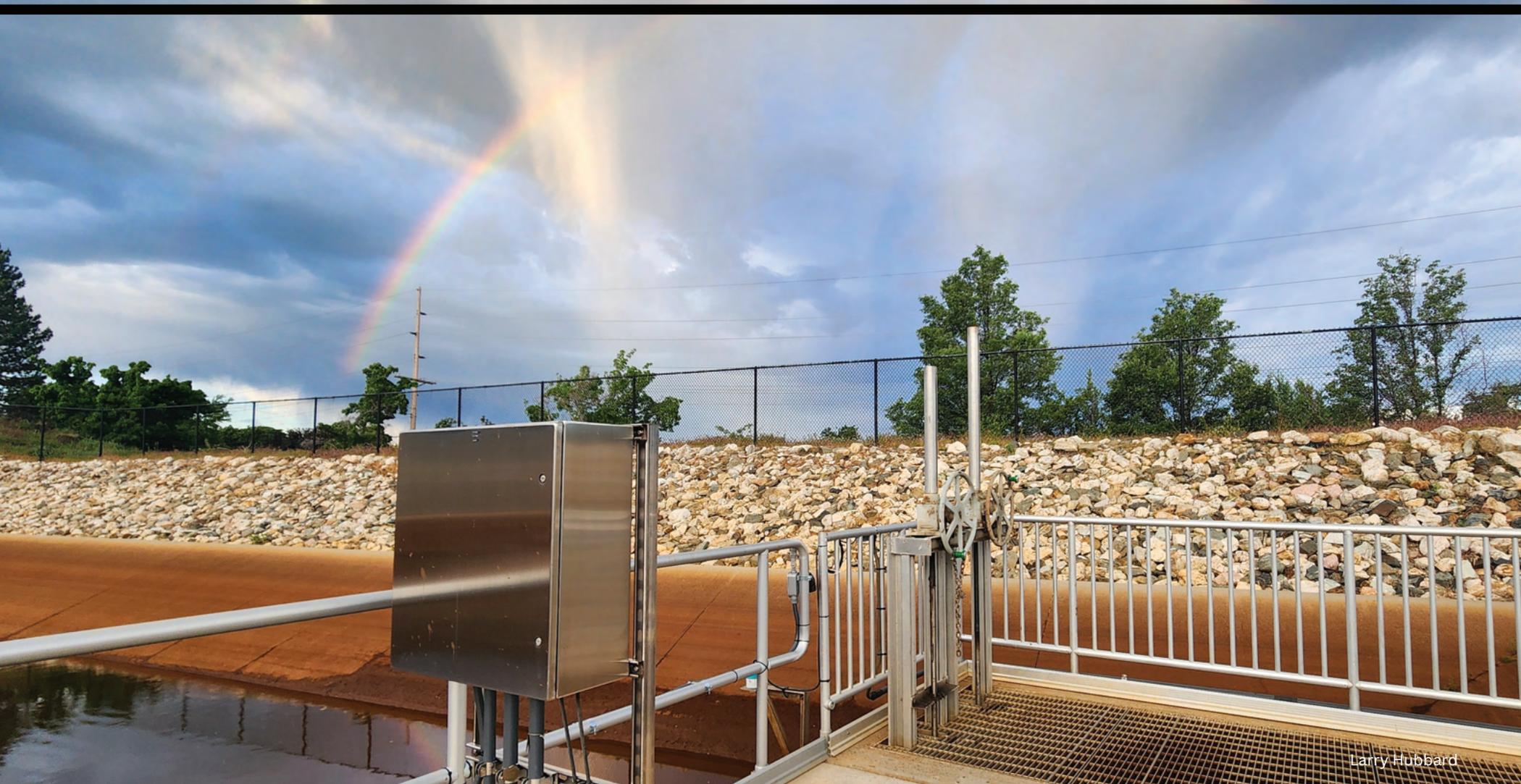


Jon F. Parry, PE
Assistant General Manager
Strategic Initiatives



Brad D. Nelson, PE
Assistant General Manager
Chief Technical Officer

ADMINISTRATION & FINANCE



HUMAN RESOURCES

Kathryn Wood, SPHR Human Resources Manager

FINANCE

Calysta Bravo Finance Manager
Brittney Bateman, CGFM Financial Analyst
Marisol Martinez Accounting Coordinator

ADMINISTRATION

Kendall Searle Administration Manager/CAO/PIO
Suzy Eppens Contracts Administrator
Deena Harris Customer Service Specialist
Linsay Hartman Administrative Assistant
Brittnii Hess Purchasing Assistant & Records Management
Makenzie Matthews Records Administrator & Contracts Technician
Sean Valeika Courier

OPERATIONS

MUNICIPAL & INDUSTRIAL WATER



Doug Parslow

Chad Montgomery



WATER SUPPLY & POWER

Riley Olsen, PE	Water Supply & Power Manager
Jason Obray	Water Supply & Power Superintendent
Casey Folkman	Irrigation Operator & Dam Tender
Tracy Hess	Irrigation Operator & Dam Tender
Jeff King	Hydropower Plant Operator & Dam Tender
Benjamin Love	Irrigation Operator
Chad Montgomery	Hydropower Plant Operator & Dam Tender
Adam Moulding	Irrigation Operator
Joseph Peterson	Irrigation Operator
Kenny Schow	Hydropower Plant Operator & Dam Tender
Lee Smith	Irrigation Operator
Shane Visser	Irrigation Operator
Bob Waldron	Hydropower Plant Operator & Dam Tender
David Giles	Lead Electrician
Jordan Hendrix	Electrician
Lex Shaw	Electrician
Kenneth Turner	Lead Electrician

Josh Hogge, PE	M&I and Lab Manager
Jeff Connor	Treatment Operations Supervisor
Nathan Allison	WTP Operator
Gordon Barrow	M&I Distribution Operator
Alonzo Castro	WTP Operator
Nathan Frew	WTP Manager- DN
Kevin Green	WTP Manager- WS
Thomas Hamblin	WTP Operator
Geoffrey Howell	WTP Operator
Larry Hubbard	WTP Operator
Anders Hubbard	M&I Maintenance
John Jacobson	WTP Operator
Tyler Jensen	WTP Operator
James Jewett	WTP Operator
Lee Jones	WTP Operator
Brett Kennedy	M&I Maintenance Foreman
Joshua Kite	M&I Distribution Operator
Shay Larsen	WTP Operator
Rex Lee	Solids Handling Specialist
Harrison Lilly	WTP Operator
Garrett Maddux	WTP Operator
Jordan Munteer	WTP Operator
Aaron Pearce	WTP Operator
Ian Smith	WTP Operator
Mitchell Sorenson	WTP Manager- DS
Paul Spens	M&I Distribution Operator, Lead
Janice Terry	WTP Operator
Dillon Walton	WTP Operator
Jason Kim	Lab Director & Water Quality Manager
Zachary Bons	Lab Tech
Amanda Delgado	Chemist
Kelly Holmes	Chemist

SUSTAINMENT



Zeke Bardwell

ENGINEERING

Shane McFarland, PE	Engineering Manager
Zeke Bardwell	Inspector
Stephen Dellermann	Electrical Engineer
Octavious Dickerson	Engineering Tech
Vincent Hamilton, PE	Senior Engineer
Carl Mackley	Staff Engineer
Matthew Meier, PE	Staff Engineer
Marc Montgomery	Inspector
Jesse Moreno	Staff Engineer



Paul Kiesz

CONSTRUCTION & MAINTENANCE

Samuel Sorensen, PE	Construction & Maintenance Manager
Jordan Clontz	Construction & Maintenance Superintendent
Jacob Amlin	Construction & Maintenance Crew
Steven Brown	Inventory & Asset Specialist
Stran Christensen	Construction & Maintenance Crew
Kolt Douglas	Crew Chief
Carson Farrell	Crew Chief
Paul Kiesz	Construction & Maintenance Mechanic
Connor Nelson	Construction & Maintenance Crew
Tyke Nelson	Construction & Maintenance Crew
Tanner Obay	Certified Welder
Colby Pearson	Construction & Maintenance Crew
Trase Penman	Crew Chief
Thomas Rhoades	Construction & Maintenance Crew
Austin Rose	Facilities Tech
Noah Rose	Construction & Maintenance Crew/ROW
Scott Wilson	Crew Chief

22
Large Scale
Construction Projects



\$155 Million
Worth of Completed
Projects

STRATEGIC INITIATIVES

Makenzie Matthews

CONSERVATION

David Rice	Conservation Division Manager
Susan Bangerter	Media & Events Coordinator
Kevin Case	Water Meter Technician
Lucy Gelb	Conservation Program Analyst
Tyelar Haines	Conservation Garden Lead
Ashley Nay	Project & Grant Coordinator, Analyst
Zachary Roberts	Conservation Coordinator



Susan Bangerter

Tour Guides

Amy Benning, Laurie Falslev, Sherlyn Hilton, Corinne Hoffmann, & Michelle Pierce

INFORMATION SERVICES

Greg Pierce	Information Services Manager
Michael Alverson	Systems Administrator
Alex Baldwin	Application Developer
Kevin Ramos	GIS Specialist
Jay Seastrand	SCADA & Security Specialist
Talon Thurgood	SCADA & Security Specialist
Thomas Waite	Application Developer



122
Sites Secured &
Monitored



151
Devices Maintained



WEBER WEST WTP PILOT STUDY



Vince Hamilton



Josh Hogge



Josh Hogge

The District initiated a pilot study from May 2024 to October 2024 for the construction of a new water treatment plant in western Weber County.

The purpose of the study was to treat water from Willard Bay at a small pilot scale to understand what treatment technologies would help produce drinking water that met the District's goals and standards for water quality. The pilot study was a success, and critical data was collected thanks to the many people who put in time and effort to contribute to the project.

WEBER WEST WTP PILOT STUDY



Vince Hamilton



Vince Hamilton



Vince Hamilton



Vince Hamilton



Vince Hamilton

The pilot treatment plant was constructed near the Slaterville Diversion, and District personnel from multiple departments helped design, construct, operate, and disassemble the pilot plant.

Pilot equipment was procured from various manufacturers and scheduled for delivery to the site. As equipment arrived, it was positioned according to the pilot plan layout put together by the District's engineering team.

New utility services had to be installed at the site including potable water, sewer, and electrical service. They were installed by District personnel from Construction & Maintenance, Municipal & Industrial Water, and Water Supply & Power Departments.

A large, temporary structure was purchased and installed by the District's own Maintenance Department to protect the pilot equipment and provide a more stable environment for water analysis to be performed.



Vince Hamilton



Vince Hamilton



Vince Hamilton

CAPITAL PROJECTS

DAVIS AQUEDUCT PARALLEL PIPELINE

The Davis Aqueduct Parallel Pipeline has continued to progress and is nearing the final months of construction. Significant progress has been made in the installation of the 72" pipeline and crews are currently working on the final stretch of install within the property of the Davis North Water Treatment Plant. Major milestones have also been met which include the installation of the Kubota seismic joints. The installation of the earthquake-resistant joints are the first in the State of Utah. Other milestones that have been met are connection to the existing bifurcation structure, completion of the pumpstation exterior, and completion of the West Vent structure.



GREEN ROAD WELL PROJECT

The District began equipping of the Green Road Well project. The well is designed to have on-site treatment to improve water quality and meet all drinking water standards. The well will provide approximately 600 gallons per minute and will be used to bolster the water supply in Davis County.



INFRASTRUCTURE HIGHLIGHTS

SODIUM HYPOCHLORITE GENERATION SYSTEM



Josh Hogge

The District purchased and installed a new sodium hypochlorite generation system at its Weber South Water Treatment Plant. Sodium hypochlorite (chlorine) is generated onsite at each treatment plant and is used to disinfect treated drinking water before it is sent into the distribution system. The new generation system has a capacity of producing up to 750 pounds of product per day and provides the treatment plant with a fully redundant chlorine generation system. The new system was installed by District personnel including M&I Maintenance, WTP operators, electricians, and others.



Josh Hogge

FLOOD CONTROL



Riley Olsen



Riley Olsen

2024 was another great water year, with the snowpack in the Weber and Ogden drainages peaking at about 120% of the median. This above average snowpack led to significant flood control releases from all of the upstream reservoirs, starting as early as February. In total, about 600,000 acre-feet of water was released during the late winter and spring in order to make room for the anticipated runoff. With the high flows from the reservoirs, the District was able to produce about 29,000 MWh of electricity at its three hydroelectric powerplants.

WATER SUPPLY & POWER PROJECTS

Water Supply & Power Department staff delivered over 70,000 acre-feet of water to wholesale and retail irrigation customers. They also were responsible for the tear-down and rebuild of 15 irrigation pumps, performed 13 inspections of large and critical infrastructure with Bureau of Reclamation and State Dam Safety staff with no major deficiencies or issues identified, and completed several large electrical projects including wiring the pilot treatment plant at Slaterville and upgrading Rocky Mountain Power and UAMPS power meters throughout the District.



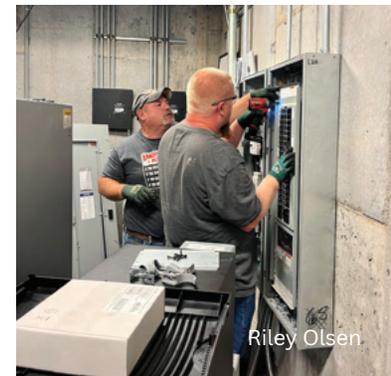
Riley Olsen



Riley Olsen



Riley Olsen



Riley Olsen

MAINTENANCE PROJECTS

LITTLE MOUNTAIN 4.0 MG TANK PROJECT



Zeke Bardwell

The District contracted with ProBuild construction to build a new 4.0 million-gallon concrete water tank. The tank design is a D-115 post-tensioned concrete tank and will replace an existing 1.0 million-gallon water tank. The completion of this tank will provide the District with 6.0 million-gallons of total water storage at Little Mountain to serve the western portion of Weber County. The tank is scheduled to be completed in the summer of 2025.

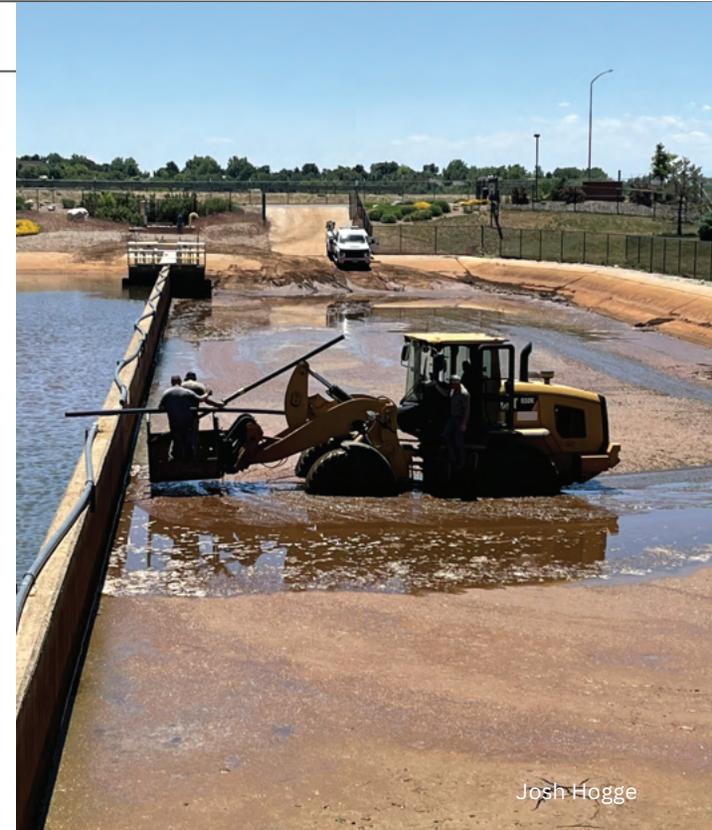


Zeke Bardwell

MECHANICAL DEWATERING

The District has enjoyed multiple large water years in a row. These great years have helped replenish reservoirs and provide water to District customers. One noticeable resulting factor of large runoff volumes is that sediment is transported in large quantities down the watershed and into the water treatment plants. The District takes the water from the watershed in whatever quality it arrives and treats it to produce high quality drinking water.

The sediment that is removed from the raw water during the treatment processes must be handled and disposed of, and the District uses mechanical dewatering equipment as well as solar drying methods to produce a residual solid that can then be transported to landfills. Treatment plant operators worked many extra hours operating the dewatering equipment during the peak runoff period to keep up with the excessive sediment in the river.



Josh Hogge



Josh Hogge

MOBILE GENERATORS

The District works hard to be prepared for natural disasters and to be able to continue providing water if such an event were to occur. Two mobile generators were purchased that could be transported to remote well sites to provide power for well operation during widespread and prolonged power outages.

MAINTENANCE PROJECTS

FUNCTIONING WELLS

With widespread development occurring throughout the District's service area, there have been many projects that required shutdown and isolation of the District's distribution system to allow for new pipelines to be tied in to existing infrastructure. These shutdowns require extensive planning, communication, and operation of alternative facilities so that water is still delivered to District customers as needed. Operations staff and others worked hard ensuring that wells were running smoothly and water was flowing to all required delivery points during the more than 10 shutdowns that lasted anywhere from 2 days to 3 weeks.



Josh Hogge

CLEANING OF STODDARD

The Construction & Maintenance Crews spent several weeks using heavy equipment to remove years' worth of debris and sediments from the forebay and river at Stoddard Diversion. Sediments build up during heavy runoff seasons, such as those experienced the past couple years.

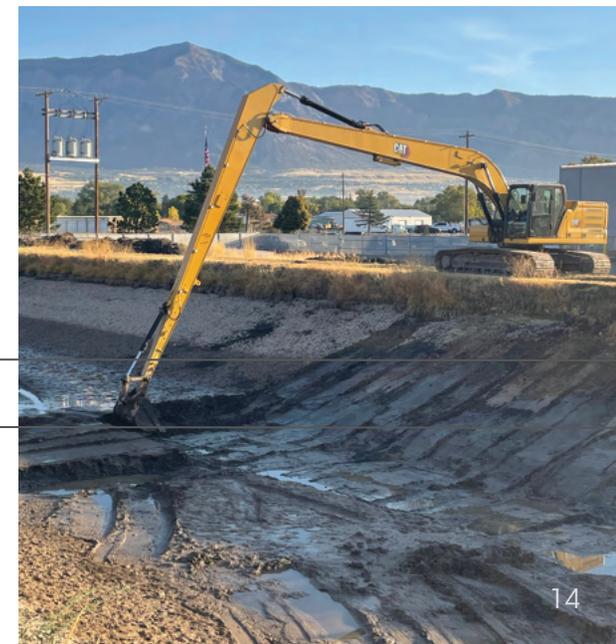


DAVIS AQUEDUCT REPAIRS

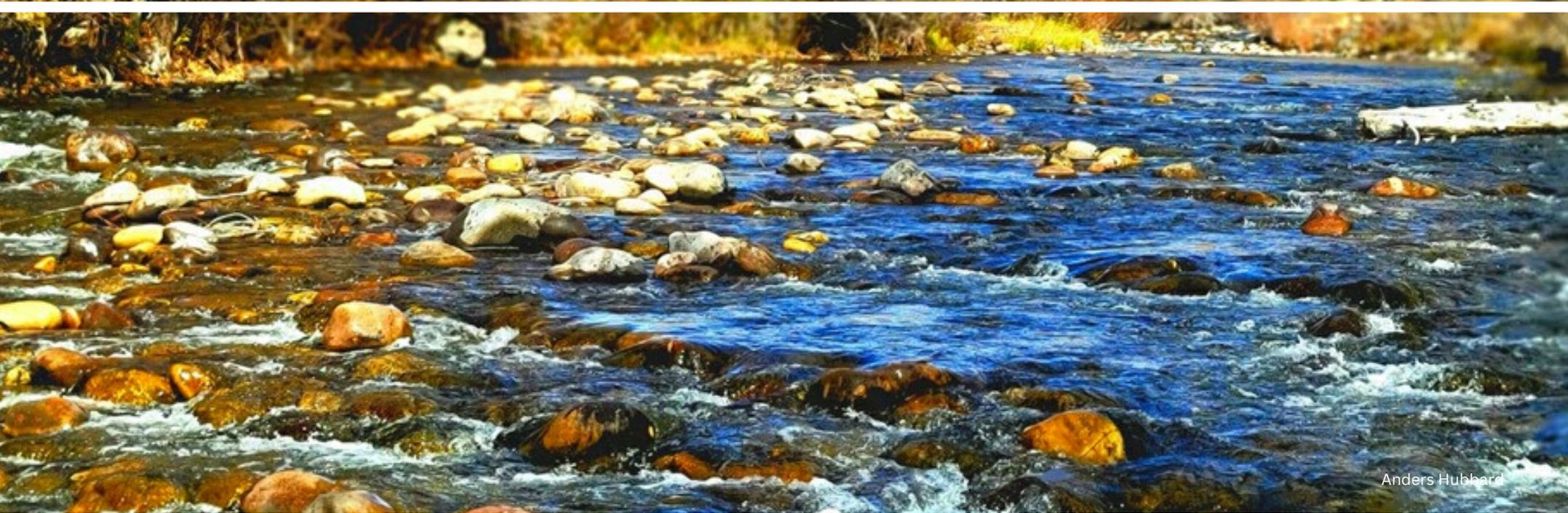
The Maintenance staff has worked vigorously on troubleshooting and repairing the Davis Aqueduct. This includes pump setup/removal, cleaning catch basins, and installing over fifteen 84" internal repair clamps. The Davis Aqueduct is the lifeline for water supply in Davis and Weber counties, and the District is continually maintaining and repairing this critical component of the system.

WILLARD CANAL LINING

Several Maintenance crews prepped and helped facilitate the installation of concrete panels on the Willard Canal. This work included stalling cofferdams, setting pumps, removing old fencing, and cleaning nearly 2500 feet of canal prior to the construction starting.



TAPPING INTO OUR PEOPLE



Anders Hubbard

YEARS OF SERVICE



Octavious Dickerson
Carson Farrell
Joshua Kite
Jason Kim
Connor Nelson
Tanner Obray



Thomas Hamblin
Jeff King



David Giles
Kenneth Turner



Jeff Connor
Darren Hess



Nathan Allison
Casey Folkman
Shane Visser
Ian Smith
Paul Summers

HIRING STATS

5

Employees Promoted

13

Positions Filled

8

New Full-Time Employees

15

Seasonal Employees

CORE VALUE

SAFETY

Safety is more than just a priority; it's a core value and guiding principle of the District. Our aim is to continue building and improving the safety and well-being of our employees, customers, and the community.



HONORING OUR EMPLOYEES

EMPLOYEES OF THE YEAR



Carson Farrell
Construction & Maintenance Crew Chief



Vince Hamilton
Senior Engineer



Tyler Jensen
Water Treatment Plant Operator

RETIREMENTS



Nolan Kelley
Construction & Maintenance Superintendent



Jacob Jaques
Crew Chief



Doug Parslow
M&I Distribution Operator, Lead

FINANCE & ECONOMICS

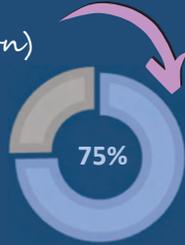
FY 2024 Net Position

\$380,536,171

The District's overall Net Position increased 21.7% or \$67.8 Million from the prior fiscal year. Net position is comprised of:

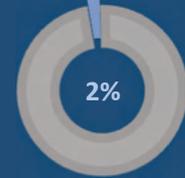
NET INVESTMENT IN CAPITAL ASSETS

The most substantial portion of net position (\$284 Million) is invested in capital assets. These, along with the approximate \$6 Billion (PV) of federal facilities are employed by the District to fulfill its responsibility as the regional water supplier.



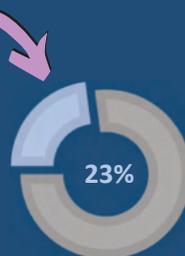
RESTRICTED NET POSITION

The portion of net position (\$9 Million) that is restricted represents funds that have been obligated to certain activities such as payment of debt, unspent bond proceeds, retainages held, and customer deposits.



UNRESTRICTED NET POSITION

The remaining portion of net position (\$87 Million) is considered unrestricted. These funds include reserves which will be combined with grant, loan, and future bond issuances needed to fund the District's ongoing operations and *Capital Assets Plan*.

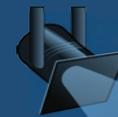


ASSETS	2024
Current Assets	\$ 157,557,990
Sinking Fund & Reserve Assets	13,020,130
Lease Receivable	1,468,481
	424,144,247
Deferred Outflow of Resources	3,217,886

TOTAL ASSETS & DEFERRED OUTFLOWS: \$ **599,408,734**
**Net depreciation and federally owned assets*

LIABILITIES & NET POSITION	2024
Current & Other Liabilities	\$ 37,438,361
Long-Term Liabilities	155,970,794
Deferred Inflows of Resources	25,463,408
Net Position	380,536,171

TOTAL EXPENDITURES: \$ **599,408,734**



In the Spotlight

- ★ Received an unmodified (clean) opinion on annual external audit
- ★ Received a "very low" risk level on the annual fraud risk assessment
- ★ Awarded \$33.25 Million in federal and state grants
- ★ Increased tax rate to finance District-wide conservation/rebate initiatives and federal project operations/repairs

FINANCE & ECONOMICS

INFLOWS	2024
Water Sales	\$ 42,582,296
Taxes & Fee-in-Lieu of Taxes	26,049,252
Interest	6,160,445
Miscellaneous	39,786,999
Net Use of Loan/Bond Proceeds	12,615,402
Use of Reserves	33,053,806
TOTAL INFLOWS:	\$ 160,248,200

OUTFLOWS	2024
Operating Expenses	\$ 27,630,522
Federal Facilities R&R	8,780,997
Interest Expense	4,309,234
Loan & Bond Payments	8,312,733
Capital Improvements	85,808,981
Miscellaneous	282,495
Additions to Reserves	25,123,238
TOTAL OUTFLOWS:	\$ 160,248,200

FY 2024 Sources & Uses

The District adopted a Balanced Budget of **\$163 Million**

The approximate \$2.7 million difference between budgeted and actual expenses are due to timing of expenditures and related receipt of grant funds for ongoing capital projects. The District anticipates higher-than-normal outflows for capital projects over the next decade as it undertakes new water development projects and the repair and replacement of aging infrastructure.

Debt service during the year totaled *\$12.6 million*.

The District has set a conservative policy of 1.75x coverage.

For fiscal year 2024 the District's debt service ratio was *5.32*.

Including the District's unrestricted bond reserves, total coverage increases to *6.56*. The strategic buildup of debt service reserves supports the District's significant Capital Asset Plan and the anticipated issuance of debt.

AAA/AA+ Municipal Bond Rating
From Fitch and S&P Global



FY24 Property Tax Bill Breakdown
\$26 Million

PLANNING FOR THE FUTURE



PRODUCT REBATES



\$53,879

Residential Smart
Controllers



\$46,640

Commercial Smart
Controllers



\$12,002

Low Flow Toilets



433,110

Total Square Feet of
Lawn Removed

EDUCATION



26

Landscape
Classes Offered



3,241

Students Attended
School Tours from 57
Davis County Schools



2,300
People

Attended the District's
Community Events-
Spring Garden Fair &
Fall Spooktacular

PLANNING FOR THE FUTURE

LAWN EXCHANGE PROGRAM

The District is offering incentives to remove lawn and replace it with plants and other materials that need much less water. There were 181 completed projects and an additional 153 projects started in 2024. The completed projects have removed 360,660 square feet of lawn in 2024. In addition, the Flip Your Strip program is still active in a few cities with 68 completed applications and an additional 43,324 square feet of lawn removed in this program. Other District lawn removal programs removed an additional 29,126 square feet of lawn this year.



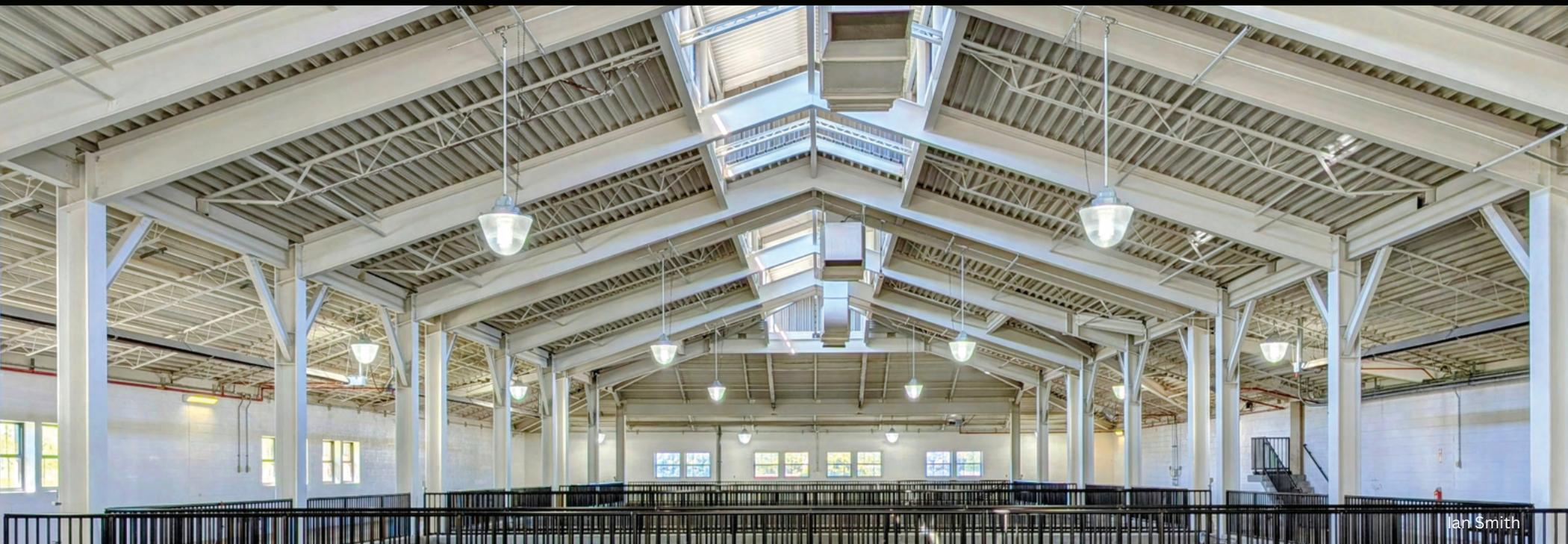
COMMUNITY OUTREACH

The District offers many opportunities for anyone in the region to receive free landscape and garden education specifically focused on water use. In 2024, there were 26 regular classes covering all aspects of residential landscape planning and management. These resources are made available online after each class in addition to other information that will help all water users understand what they can do to reduce outdoor use.

The District also hosts 2 large annual events that are open to the public and hosted in the Learning Garden giving residents the opportunity to see firsthand how attractive low-water landscaping can be. The Garden plants are labeled and linked to a garden plant database that helps users know about each plant variety from scannable plant tags in the Garden. We invite all to come and visit the Garden.



2024 BY THE NUMBERS



Ian Smith



29 MWh
Clean Electricity Generated
by Hydroelectric Powerplants



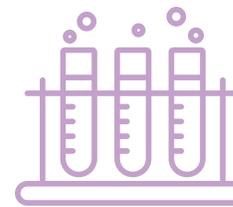
1,116
Meters Installed
& Activated



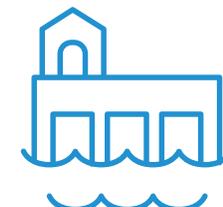
18.9 Billion
Gallons of
Treated Water Delivered



2,915 Tons
Treatment Solids Hauled



453,100
Gallons of Treatment
Chemical Used



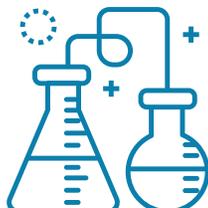
\$6 Billion
Facilities Protected &
Maintained



600,000 AF
Water Released to the
Great Salt Lake



889,520
Pounds of Salt Used
to Make Chlorine



12,957
Lab Samples
Processed



365 days
Facilities Were in
Operation



710,000
People Served



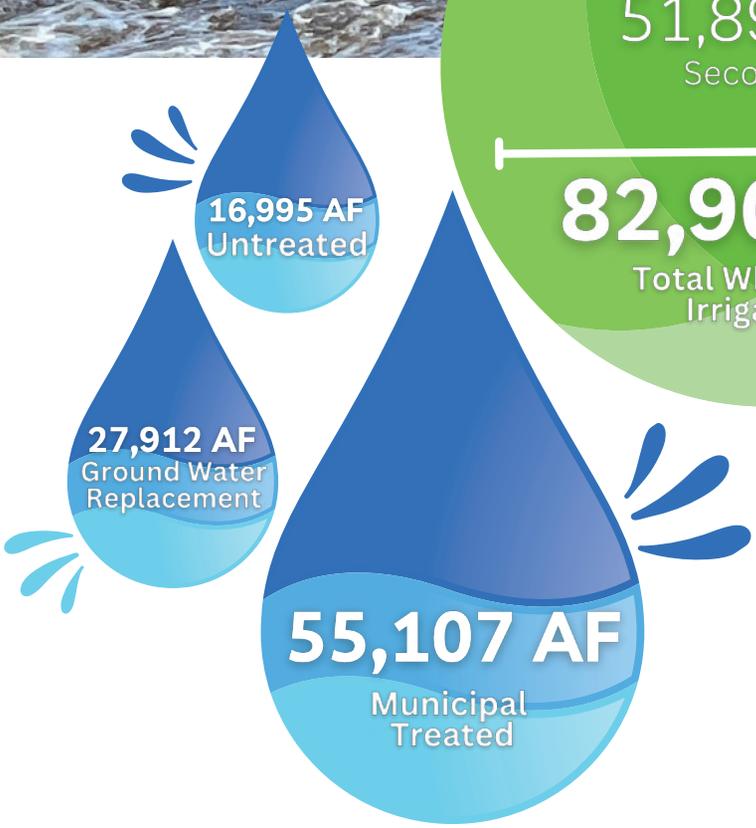
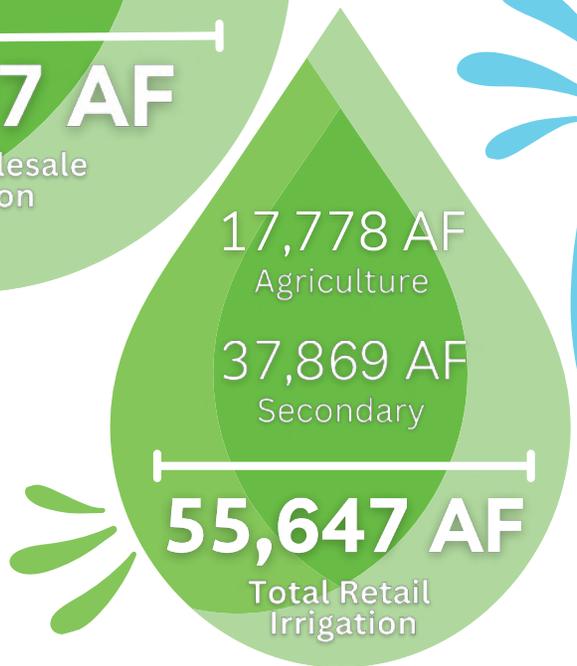
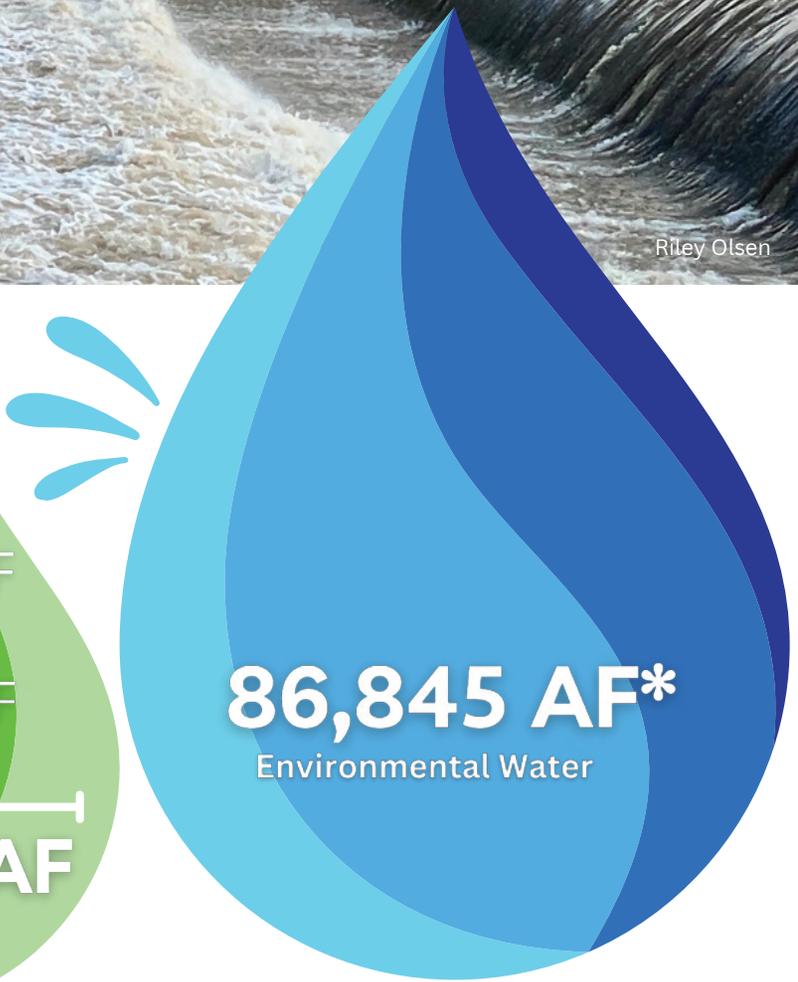
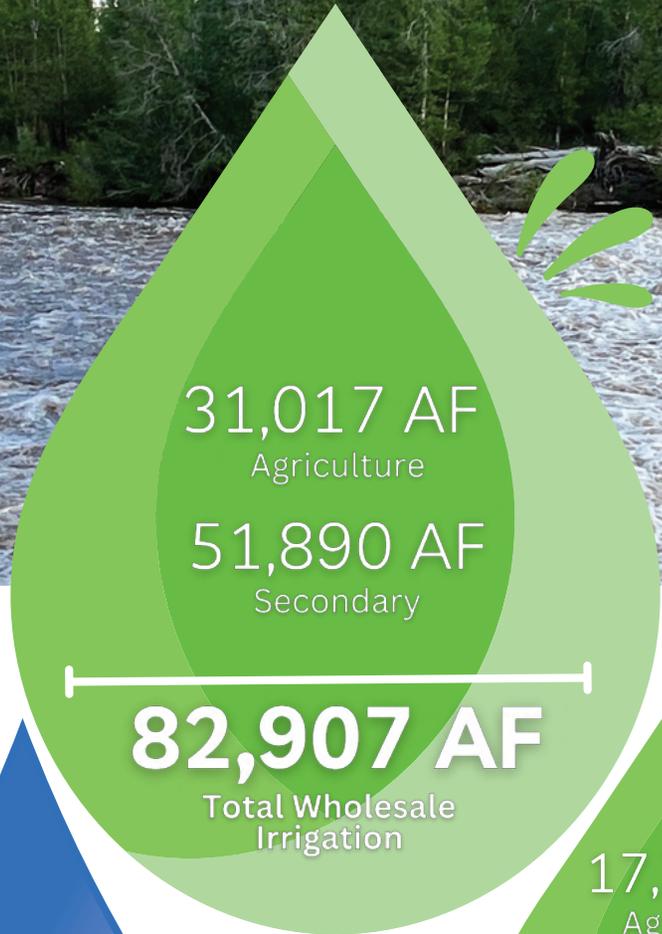
\$33.3 Million
Federal & State
Grant Monies

TOTAL WATER SALES

238,568 AF



Riley Olsen



*86,845 AF for environmental purposes, not included in total water sales

SUMMARY OF IRRIGATION CONTRACTS

IRRIGATION COMPANY WATER USE 2024 (ACRE FEET)

#	Contracting Entity	Contract Amount	Delivery Loss	Net Useable
1	Benchland Irrigation	4,975	498	4,478
2	Bountiful Irrigation	17,500	1,750	15,750
3	Centerville Duel Creek	2,891	289	2,602
4	Chalk Creek Irrigation	643	64	579
5	CO-OP Farms Irrigation	300	30	270
6	Croyden Irrigation	450	45	405
7	Davis & Weber Counties Canal	1,059	106	953
8	Downs Creek Irrigation	100	10	90
9	East Porterville Irrigation	200	20	180
10	East Wanship / Gibbons & Pace	100	10	90
11	Eden Irrigation	1,200	120	1,080
12	Emmertsen Irrigation	100	10	90
13	Felt, Peterson, Slater Irrigation	100	10	90
14	Haight Creek Irrigation	7,008	701	6,307
15	Hill A.F.B. Golf Course	640	64	576
16	Hill Field At 193	139	14	125
17	Hooper Irrigation	5,663	566	5,097
18	Huntsville Irrigation	600	60	540
19	Huntsville So Bench Irrigation	600	60	540
20	Kays Creek Irrigation	2,000	200	1,800
21	Kaysville Irrigation	1,691	169	1,522
22	Lagoon Amusement Park	225	23	203
23	Layton Canal & Irrigation Co.	5,491	549	4,941
24	Littleton-Milton Irrigation	300	30	270
25	Middle Fork Irrigation	830	83	747
26	Mountain Canal Company	1,297	130	1,167
27	Mountain View Irrigation	822	82	739
28	North Morgan Irrigation	160	16	144

#	Contracting Entity (Continued)	Contract Amount	Delivery Loss	Net Useable
29	North Round Valley	150	15	135
30	North Salt Lake (Foxboro)	800	0	800
31	Oakridge Country Club	500	50	450
32	Ogden River Water Users Association	3,705	371	3,335
33	Peterson Irrigation	614	61	553
34	Pintail Duck Club	100	10	90
35	Roy Water Conservancy District	365	37	329
36	Salmaho Irrigation	167	17	150
37	So. Davis County Water Improvement District	3,210	321	2,889
38	South Morgan Water Company	400	40	360
39	South Ogden Conservation District	2,345	235	2,111
40	South Weber Water Improvement District	2,423	20	2,403
41	Sun Hills Golf Course	496	50	446
42	Syracuse City	1,738	154	1,584
43	Uintah Mountain Streams	200	20	180
44	Valley View Golf Course	370	37	333
45	Warren Irrigation	700	70	630
46	Weber Basin Job Corps	300	30	270
47	Weber-Box Elder Conservation District	4,557	456	4,101
48	Weber Canal Company	200	20	180
49	Welch Field Ditch	240	24	216
50	West Bountiful Golf	294	29	265
51	West Hoytsville Irrigation	300	30	270
52	West Wanship Irrigation	150	15	135
53	Wilson Irrigation	1,500	150	1,350
TOTALS		82,907	7,969	74,938

D&WCCC Share Value = 6.00 AF/Share

For South Weber WID, the 10% losses were only applied to the 200 AF of Dist 3 water. The remainder is based on the D&W AF/share value.

For Syracuse City, the 10% losses were only applied to the 1543.1 AF of non-trilateral contract water. The remaining 150 AF of trilateral water is based on the D&W AF/share value.

SUMMARY OF M&I WATER CONTRACTS

TREATED WATER

	CONTRACTING ENTITY	Contract Amount
	DAVIS COUNTY	
1	BOUNTIFUL CITY	1,000.00
2	CENTERVILLE CITY	500.00
3	CHEVRON, USA	2,000.00
4	CLEARFIELD CITY	5,348.00
5	CLINTON CITY	1,630.00
6	FARMINGTON CITY	501.00
7	FRUIT HEIGHTS CITY	745.00
8	GENEVA ROCK	44.00
9	HILL AIR FORCE BASE	1,018.79
10	KAYSVILLE CITY*	2,500.00
11	LAYTON CITY	7,329.00
12	MIDA-FALCON HILL	15.00
13	MUTTON HOLLOW WID	220.00
14	NORTH SALT LAKE CITY	2,015.00
15	SOUTH DAVIS COUNTY WID	360.00
16	SOUTH WEBER CITY	1,161.61
17	SUNSET CITY	1,400.00
18	SYRACUSE CITY	2,275.00
19	TESORO	5.00
20	WASATCH INTEGRATED WASTE MGMT	10.00
21	WEBBS CANYON WATER COMPANY	9.00
22	WEBER BASIN JOB CORP	60.00
23	WEST BOUNTIFUL CITY	750.00
24	WEST POINT CITY	700.00
25	WOODS CROSS CITY	100.00
	TOTAL DAVIS COUNTY	31,696.40

TREATED WATER

#	CONTRACTING ENTITY	Contract Amount
	MORGAN COUNTY	
1	REPLACEMENT WATER	4,755.60
	SUMMIT COUNTY	
1	REPLACEMENT WATER	13,279.50
	WEBER COUNTY	
1	SILVERLINE HOLDINGS	5.00
2	BONA VISTA WATER IMP. DIST	3,786.00
3	COMPASS MINERALS	900.00
4	HOOPER WATER IMP. DISTRICT	108.50
5	MJK FABRICATION	5.00
6	OGDEN CITY	7,000.00
7	PLEASANT VIEW CITY	275.00
8	RIVERDALE CITY*	1,207.02
9	ROY CITY	3,263.00
10	SOUTH OGDEN CITY*	785.00
11	TAYLOR-WEST WEBER WID	850.82
12	UINTAH HIGHLANDS WID	247.00
13	UINTAH CITY	469.86
14	WASHINGTON TERRACE CITY	1,000.00
15	WEBER COUNTY-MOULDING	5.00
16	WEST WARREN- WARREN WID	543.20
17	WESTERN BASIN WATER COMPANY	2,400.00
18	WESTERN ZIRCONIUM	560.00
19	REPLACEMENT WATER	9,877.13
	TOTAL WEBER COUNTY	23,410.40

UNTREATED WATER

#	CONTRACTING ENTITY	Contract Amount
1	BIG WEST OIL	100.00
2	CHEVRON, USA	1,200.00
3	COMPASS MINERALS	7,980.00
4	MOUNTAIN REGIONAL SSD	2,100.00
5	OGDEN CITY	1,500.00
6	NORTH SALT LAKE CITY	38.00
7	PARK CITY	2,900.00
8	PARSONS	22.00
9	SUMMIT WATER DIST. COMPANY	1,150.00
10	TESORO	5.00
	TOTAL UNTREATED	16,995.00
	TOTAL REPLACEMENT WATER	27,912.23
	TOTAL TREATED WATER	55,106.80
	TOTALS	100,014.03

* Amount of Burch Creek water treated for South Ogden City: 822.10 acre-feet

* Amount of Holmes Creek water exchanged for Kaysville City: 508.31 acre-feet

* Amount of surface water exchanged for Riverdale City: 0 acre-feet

The following entities added to their contracts during 2024:
West Warren-Warren WID (0.90), Taylor-West Weber WID (3.36),
South Weber City (15.73), Riverdale City (39.02), and Uintah City (1.86)

PROJECT POWER OPERATIONS

WEBER BASIN WATER CONSERVANCY DISTRICT

PEAK PROJECT POWER LOAD - KW 2024

#	Name	January	February	March	April	May	June	July	August	September	October	November	December
1	Peak Power Load (KW)	1,669	1,607	1,488	2,790	1,365	3,442	5,915	5,858	6,274	3,400	3,819	2,075

PEAK PROJECT POWER GENERATION LOAD - KWH 2024

#	Name	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	*Net Generation Causey Plant	14,600	31,700	349,700	1,149,500	1,335,000	871,000	431,000	487,000	315,000	239,000	13,000	29,000	5,265,500
2	Net Generation Gateway Plant	-12,960	-8,880	1,254,820	2,118,520	3,031,100	2,584,100	2,123,280	2,036,880	1,375,620	400,040	-11,920	-14,160	14,876,440
3	Net Generation Wanship Plant	-17,000	-14,000	1,062,800	1,020,700	1,076,700	1,228,800	1,330,500	1,326,000	1,215,600	794,500	-14,500	-17,000	8,993,100
4	Total Output	-15,360	8,820	2,667,320	4,288,720	5,442,800	4,683,900	3,884,780	3,849,880	2,906,220	1,433,540	-13,420	-2,160	29,135,040
5	Project Use	1,420,289	1,103,501	1,520,309	1,552,316	1,517,656	2,466,791	4,596,546	4,191,500	3,920,074	2,483,748	2,669,317	1,385,787	28,827,834
6	Delivered To CRSP	-1,450,249	-1,126,381	797,311	1,586,904	2,590,144	1,346,109	-1,142,766	-828,620	-1,328,854	-1,289,208	-2,695,737	-1,416,947	-4,958,294

* Not Added To CRSP

WATER USED FOR POWER GENERATION (ACRE-FEET)

#	Name	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	Causey	316	447	2,739	8,449	9,087	5,842	3,139	3,636	2,699	2,385	507	545	39,790
2	Gateway	0	0	9,470	17,352	30,025	20,140	16,442	16,382	10,168	3,786	0	0	123,765
3	Wanship	0	0	10,218	9,420	8,694	10,528	12,318	13,150	11,934	7,966	0	0	84,228
Total		316	447	22,427	35,221	47,806	36,510	31,899	33,168	24,801	14,137	507	545	247,783

RESERVOIR OPERATIONS

WEBER BASIN WATER CONSERVANCY DISTRICT 2024

STORAGE CONTENT - AS OF LAST DAY OF MONTH (ACRE-FEET)

#	Name	January	February	March	April	May	June	July	August	September	October	November	December
1	Causey	3,739	4,576	4,641	6,972	6,945	6,884	6,057	4,171	2,998	2,192	3,040	3,811
2	East Canyon	43,270	44,960	37,220	39,500	48,870	47,910	43,140	37,820	33,750	33,890	34,790	36,110
3	Echo	58,550	54,760	57,760	71,450	71,370	70,530	54,380	43,460	39,580	44,730	48,100	51,600
4	Lost Creek	15,290	15,760	16,640	19,820	20,560	19,550	17,250	14,920	13,030	12,420	12,590	12,820
5	Pineview	80,300	79,320	79,320	99,120	112,180	107,570	95,240	84,100	74,930	71,860	74,220	77,350
6	Smith-Morehouse	3,828	3,955	4,009	5,520	7,373	7,740	7,465	5,615	3,914	3,947	3,947	3,962
7	Wanship	47,870	50,840	49,480	48,340	57,160	61,290	53,600	44,740	36,870	30,980	33,320	35,740
8	Willard	196,840	196,340	194,338	205,972	219,751	218,037	204,768	187,024	176,528	171,538	169,446	169,146
Total		449,687	450,511	443,408	496,694	544,209	539,511	481,900	421,850	381,600	371,557	379,453	390,539

TOTAL RELEASES - AS OF THE LAST DAY OF THE MONTH (ACRE-FEET)

#	Name	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	Causey	532	511	2,739	10,451	24,944	7,778	3,173	3,636	2,699	2,385	507	545	59,900
2	East Canyon	613	1,047	12,358	8,650	1,120	2,750	6,148	6,292	5,071	1,442	480	473	46,443
3	Echo	9,798	9,376	12,892	14,360	41,750	51,874	31,784	28,166	19,460	7,110	-	-	226,570
4	Lost Creek	434	406	682	4,634	8,363	3,118	3,240	3,096	2,578	1,257	510	514	28,833
5	Pineview	10,676	9,891	27,193	43,029	45,368	23,122	15,677	14,570	12,873	6,132	735	658	209,924
6	Smith-Morehouse	868	713	1,001	3,570	11,192	14,040	1,200	2,678	2,352	352	528	504	38,997
7	Wanship	1,550	1,450	10,531	9,426	16,790	38,017	14,047	14,370	12,711	8,623	1,559	1,483	130,556
8	Willard	8,692	26,946	45,152	34,216	21,624	23,360	4,546	9,370	4,832	1,722	1,554	1,192	183,206
Total		33,163	50,339	112,548	128,336	171,151	164,059	79,814	82,178	62,576	29,024	5,873	5,369	924,429

NET PRODUCTION OF CULINARY WATER FROM TREATMENT PLANTS & WELLS - 2024

WEBER BASIN WATER CONSERVANCY DISTRICT (IN ACRE-FEET)

#	Month	WEBER SOUTH PLANT		DAVIS NORTH PLANT		DAVIS SOUTH PLANT		PRODUCTION TOTAL OF ALL TREATMENT PLANTS	PRODUCTION TOTAL OF ALL WELLS	GROSS TOTAL PRODUCTION OF WELLS & TREATMENT PLANTS
		TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY	TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY	TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY			
1	January	547.00	18.23%	1,482.14	34.47%	299.94	19.35%	2,329.08	498.80	2,827.88
2	February	684.00	22.80%	1,445.19	33.61%	273.60	17.65%	2,402.79	446.37	2,849.16
3	March	412.00	13.73%	1,522.87	35.42%	329.83	21.28%	2,264.70	626.20	2,890.90
4	April	373.00	12.43%	1,653.60	38.46%	365.85	23.60%	2,392.45	553.05	2,945.50
5	May	957.00	31.90%	2,135.04	49.65%	527.17	34.01%	3,619.21	433.92	4,053.13
6	June	979.00	32.63%	2,700.16	62.79%	746.41	48.16%	4,425.57	1,367.66	5,793.23
7	July	1,146.00	38.20%	2,832.28	65.87%	713.15	46.01%	4,691.43	1,798.29	6,489.72
8	August	1,055.00	35.17%	2,689.80	62.55%	597.03	38.52%	4,341.82	1,606.35	5,948.17
9	September	925.00	30.83%	2,373.03	55.19%	517.91	33.41%	3,815.94	1,259.86	5,075.80
10	October	921.00	30.70%	1,759.52	40.92%	541.27	34.92%	3,221.78	865.81	4,087.60
11	November	214.00	7.13%	356.58	8.29%	91.32	5.89%	661.91	1,975.57	2,637.48
12	December	759.00	25.30%	1,440.08	33.49%	472.47	30.48%	2,671.55	515.50	3,187.06
TOTAL		8,972.00		22,390.28		5,475.97		36,838.24	11,947.39	48,785.63

PERCENT OF INDIVIDUAL PLANT PRODUCTION COMPARED TO TOTAL PLANT PRODUCTION:

	PRODUCTION % OF TOTAL	
WEBER SOUTH PLANT	8,972.00	24.36%
DAVIS NORTH PLANT	22,390.28	60.78%
DAVIS SOUTH PLANT	5,475.97	14.86%
TOTAL	36,838.24	100%

PERCENT OF PRODUCTION COMPARED TO TOTAL PLANT AND WELL PRODUCTION:

	PRODUCTION % OF TOTAL	
WEBER SOUTH PLANT	8,972.00	18.39%
DAVIS NORTH PLANT	22,390.28	45.90%
DAVIS SOUTH PLANT	5,475.97	11.22%
WELLS	11,947.39	24.49%
TOTAL	48,785.63	100%

MONTHLY CAPACITY:

WEBER SOUTH PLANT	32 MGD	3,000 ACRE-FEET	22,500 GPM
DAVIS NORTH PLANT	46 MGD	4,300 ACRE-FEET	32,000 GPM
DAVIS SOUTH PLANT	16 MGD	1,550 ACRE-FEET	11,250 GPM
WELLS	35.6 MGD	3,387 ACRE-FEET	24,720 GPM
TOTAL CAPACITY	129.6 MGD	12,237 ACRE-FEET	90,470 GPM

WATER PUMPED FROM WEBER BASIN WELLS 2024

(IN ACRE-FEET)

#	CULINARY WELLS	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	BEN LOMOND													0.00
2	CLEARFIELD #1								83.66					83.66
3	CLEARFIELD #2						224.09	288.75	299.04	265.75	158.27	187.93		1,423.84
4	DISTRICT WELL #2		208.95	246.96	261.85	98.28						70.63		886.67
5	DISTRICT WELL #3						443.79	499.79	453.81					1,397.38
6	FAIRFIELD			12.07		333.21	553.79	347.65			25.60	386.47		1,658.79
7	LAYTON							292.00	306.79	119.47	11.32	279.78	37.53	1,046.89
8	NORTH OGDEN					2,423	70.16	70.11	73.10	67.70	34.46			317.95
9	ORCHARD DR.						59.75	9.97	28.50	27.25	28.09	3.78		157.34
10	RIVERDALE			296.27	291.20							286.90		874.38
11	SOUTH DAVIS	53.54	51.31					196.04	269.08	226.73	120.59	258.45	43.57	1,219.31
12	SOUTH WEBER #1	445.26	103.51							464.66	440.20	419.33	434.40	2,307.37
13	SOUTH WEBER #2													0.00
14	DAVIS BOULEVARD		82.6	70.9								82.3		235.80
15	NORTH WEBER						16.09	93.97	92.38	88.29	47.27			338.01
TOTAL		498.80	446.37	626.20	553.05	433.92	1,367.66	1,798.29	1,606.35	1,259.86	865.81	1,975.57	515.50	11,947.39
ACCUM. TOTAL		498.80	945.18	1,571.37	2,124.43	2,558.34	3,926.01	5,724.29	7,330.644	8,590.50	9,456.31	11,431.89	11,947.39	11,947.39

These culinary wells are 13 of the over 20 facilities which are operated by project generated power.

#	IRRIGATION WELLS	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	Farmington Well #1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Farmington Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	West Bountiful Golf Well	0	0	0	0	0	0	0	0	0	0	0	0	0
4	West Bountiful 5th South	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mills Park Well	0	0	0	0	0	0	69	14	0	12	0	0	95
6	Washington Terrace Well	0	0	0	0	0	25	246	246	246	118	0	0	881
Sum of all wells													976	

WEBER BASIN WATER PRINCIPAL INFRASTRUCTURE

AQUIFER STORAGE & RECOVERY

#	Name	Location	Pond Area (acres)	Capacity (cfs)	Acquisition Dates
	ASR	Weber County	7.5	8	2002

DIVERSIONS

	Name	Location	Pass-Through Capacity (cfs)	Acquisition Dates
1	Ogden Valley	South Fork of Ogden River	2,000	1962-1964
2	Slaterville	Weber River West of Ogden	9,000	1956-1957
3	Stoddard	Weber River North of Morgan	6,000	1955-1956

CANALS, TUNNELS, & PIPELINES

#	Name	Location	Type	Capacity (cfs)	Length (Miles)	Acquisition Dates
1	Davis Aqueduct	Davis County	Concrete Pipe	355	23.0	1954-1957
2	Gateway Canal	Morgan County	Concrete-Lined	700	8.5	1954-1956
3	Gateway Tunnel	Morgan & Davis County	Concrete-Lined	435	3.3	1952-1954
4	Layton Canal	Davis County	Earth-Lined/Concrete-Lined/Pipe	260	18.0	1962-1964
5	M&I Pipelines	Davis & Weber County	Varies 6"-48"	Varies	84.0	1955-2023
6	Ogden Valley Canal	Weber County	Part Earth-Lined	35	9.2	1962-1964
7	Secondary Pipelines	Davis & Weber County	Varies 2"-36"	Varies	442.0	1955-2023
8	Weber Aqueduct	Weber County	Concrete Pipe	80	5.0	1954-1956
9	Western Summit County	Summit County	Ductile Iron	8.9	9.0	2013
10	Willard Canal	West Weber County	Earth-Lined/Concrete-Lined	1,050	11.0	1961-1963

DAMS & RESERVOIRS

#	Name	Location	Type	Height (ft)	Capacity (af)	District's Active Capacity (af)	Acquisition Dates
1	Causey	Eastern Weber County	Earth & Rock	200	7,870	6,870	1962-1964
2	East Canyon	Southern Morgan County	Concrete Arch	245	51,200	20,100	1965-1967
3	Lost Creek	Eastern Morgan County	Earth & Rock	220	22,500	20,010	1964-1966
4	Pineview	Ogden Valley, Weber County	Earth & Rock	91	110,150	66,228	1955-1957
5	Smith & Morehouse	South-Eastern Summit County	Earth & Rock	82	8,350	6,560	1984-1988
6	Wanship/Rockport	Summit County	Earth & Rock	156	62,120	60,000	1954-1957
7	Willard Bay	Southern Box Elder County	Earth	36	247,189	222,273	1957-1963

HYDRO GENERATION POWER PLANTS

#	Name	Location	Type	Capacity (kw)	Acquisition Dates
1	Causey	Eastern Weber County	3 Units	2,200	1999-2021
2	Gateway	Mountain Green	2 Units	4,275	1957-1958
3	Wanship	Wanship	1 Unit	1,950	1957-1958

PUMPING PLANTS

#	Name	Location	Capacity (cfs)	Height of Lift (ft)	Acquisition Dates
1	Antelope Booster	Layton	22	50	1978
2	East Bountiful	Bountiful	18	475	1955
3	East Layton	Layton	9	65	1955
4	Gateway	Mountain Green	150	150	1995
5	Kanesville #1	West Haven	3	218	2000
6	Kanesville #2	West Haven	10	315	2001
7	Layton Canal	West Haven	260	23	1955
8	Rockport	Wanship	25	45	2009
9	Roy Drought Relief	Roy	150	340	1981
10	Sand Ridge East	Layton	9	92	1955
11	Sand Ridge West	Layton	15	138	1955
12	South Davis	Bountiful	18	530	1955
13	Uintah Bench	South Ogden	18	365	1955
14	Val Verda	Bountiful	6	240	1955
15	Weber South	Ogden	5	250	2023
16	Weber West	West Haven	10	335	2023
17	West Haven #1	West Haven	10	218	2003
18	West Haven #2	West Haven	8	230	2010
19	Willard #1	West Weber County	500	45	1960
20	Willard #2	West Weber County	250	20	1960

UNDERGROUND WATER WELLS

#	Name	Location	Type	Capacity (cfs)	Acquisition Dates
1	Ben Lomond	Harrisville	M&I	1.8	2001
2	Clearfield #1	Clearfield	M&I	5.0	1961
3	Clearfield #2	Clearfield	M&I	5.0	1961
4	Davis Boulevard	Bountiful	M&I	2.2	2003
5	District Well #2	South Weber	M&I	11.0	1985
6	District Well #3	South Weber	M&I	10.0	1990
7	Fairfield	Layton	M&I	10.0	1992
8	Farmington #1	Farmington	Irrigation	5.0	1995
9	Farmington #2	Farmington	Irrigation	5.0	1996
10	Laytona	Layton	M&I	5.0	1958
11	Mills Park	West Bountiful	Irrigation	2.2	2011
12	North Ogden	North Ogden	M&I	1.8	1967
13	North Weber	Harrisville	M&I	1.6	2006
14	Orchard Dr.	Bountiful	M&I	0.8	1991
15	Riverdale	Riverdale	M&I	6.6	1960
16	South Davis	Woods Cross	M&I	5.2	1961
17	South Weber #1	South Weber	M&I	10.0	1962
18	South Weber #2	South Weber	M&I	10.0	1962
19	Washington Terrace	Washington Terrace	Irrigation	4.0	2013
20	W Bountiful5th South	West Bountiful	Irrigation	4.0	1992
21	W Bountiful Golf	West Bountiful	Irrigation	2.0	1993

WATER TREATMENT PLANTS

#	Name	Location	Capacity (MGD)	Acquisition Dates
1	Davis North WTP	Layton, Davis	46	1955
2	Davis South WTP	Bountiful, Davis	16	1955
3	East Canyon WTP	Jeremy Ranch Summit	5.5	2013
4	Weber South WTP	Ogden, Weber	32	1955

AF = Acre Feet • CFS = Cubic Feet Per Second • MGD = Million Gallons Per Day



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