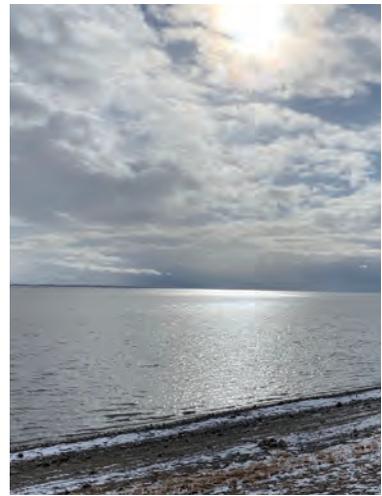
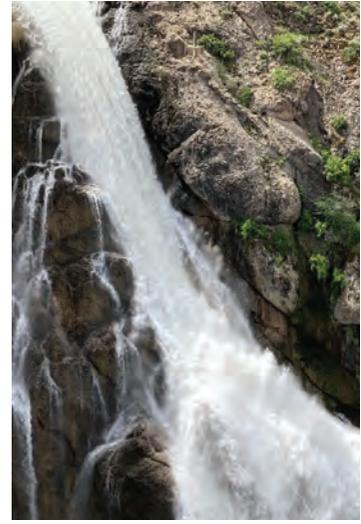


SUMMARY OF OPERATIONS 2023



WEBER BASIN WATER
CONSERVANCY DISTRICT

Poem from Board Chairman Marlin K. Jensen 2023

Rain, snow, rivers flow, customers happy as can be;
That, in short, is the report, of water year 2023.

Let's gratefully acknowledge the Maker of us all;
After our pleading and seeding, He's the one who lets water fall.

General Manager Paxman ably directs the entire Weber Basin crew;
After only two years in office everyone is asking, "Tage, who?"

When emergencies arise and things are really in a mess;
Mr. Paxman just rolls over in bed and calls assistant general managers
Parry, Nelson or Hess!

This year even the Trustees deserve a little praise;
Especially since we are the only ones who didn't get a raise!

Several things about Weber Basin are becoming very clear;
Our infrastructure is aging and a day of reckoning is near.

Our customer base is growing and our water supply is tight;
The Great Salt Lake is thirsty and its future keeps legislators up at night.

Construction costs are rising and bond rates are relatively high;
The time to prepare for such a challenging future definitely is nigh.

That's where you as Weber Basin management and staff can rightfully take a bow;
You are all committed, hard-working, and possess great know-how.

You are concerned about the welfare of people and know how essential water will be;
You are making plans to insure it will adequately flow in perpetuity.

I'm speaking now of Allison, Hogge, Pierce, and Frew;
Petersen, Revas, Kite and Mounteer, too.

Of Olsen, Montgomery, Visser and Bravo,
Bateman, Kim, Holmes and Delgado.

Of Sorenson, Midgley, Folkman and Waldron;
Kennedy, Green, O Bray and Hoffmann.

Though I'd like to mention you all, it would take too much time;
And, to be frank, I'm having trouble getting your names all to rhyme!

So, let me just say, I'm confident you will unitedly figure the future out;
I know there is no obstacle ahead you won't be able to surmount!

Now I'll bring my little soliloquy to an end;
After eight years as a trustee, I'm rounding the final bend.

I won't be here next year and will miss you, I am sure;
I can only hope another great poet will arise and rhapsodize about 2024!



Suzy Eppens

TABLE OF CONTENTS

GENERAL MANAGER'S MESSAGE	1
BOARD OF TRUSTEES	2
WEBER BASIN WATER SERVICE AREA MAP	3
DISTRICT STAFF	4-8
FLOOD CONTROL	9-10
WATERSHED TOUR	11-12
DISTRICT PROJECTS	13-16

TAPPING INTO OUR PEOPLE	17
HONORING OUR EMPLOYEES	18
FINANCE & ECONOMICS	19-20
PLANNING FOR THE FUTURE	21-22
BY THE NUMBERS	23
TOTAL WATER SALES	24
DATA & TABLES	25-32

GENERAL MANAGER'S MESSAGE



Ian Smith



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.

This year couldn't have been more opposite from last year. In contrast to last year the District was launched out of the extreme drought cycle with a winter of over 300 percent of normal snow pack and well over 200 percent of normal runoff. This resulted in all the reservoirs filling and over 600,000 acre-feet of water sent to the Great Salt Lake from the Weber River, just during spring runoff. This abundance was a much needed blessing for both the District and state.

The District's staff and Board of Trustees worked diligently on drafting and adopting water-wise landscape policies and more stringent water allocation directives. It is evident that we are now in an era with very limited supplies of new water and a rapidly growing population. These new policies will help the District extend our remaining water supply to meet these future demands. Additional emphasis on conservation and reduction of water use by our existing customer base is even more critical. The Board continues to be incredibly supportive and understanding of the new direction.

The District has an amazing staff that really take ownership of their specific responsibilities and it shows every day. Each department continues to meet and exceed expectations. Retirements of our senior staff have been difficult to see. Their legacy and knowledge base are irreplaceable, but we have great people to step up and continue to do amazing work.

Having good relationships with each of the District's partner agencies is so important and the District could not be as successful without them. Their unity with Weber Basin, working through current and future challenges, is beneficial to us all.

I would like to recognize those who have contributed to this report and thank all the employees for their dedication to this work. Together we can accomplish remarkable things.

A handwritten signature in blue ink that reads "Scott Paxman". The signature is fluid and cursive, written over a white background.

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.



Marlin K. Jensen
Chairman, Weber County



Jared Andersen
Morgan County



Mark D. Anderson
Davis County



Kym O. Buttschardt
Weber County



Randy B. Elliott
Davis County



Scott K. Jenkins
Weber County



Angie Osguthorpe
Weber County



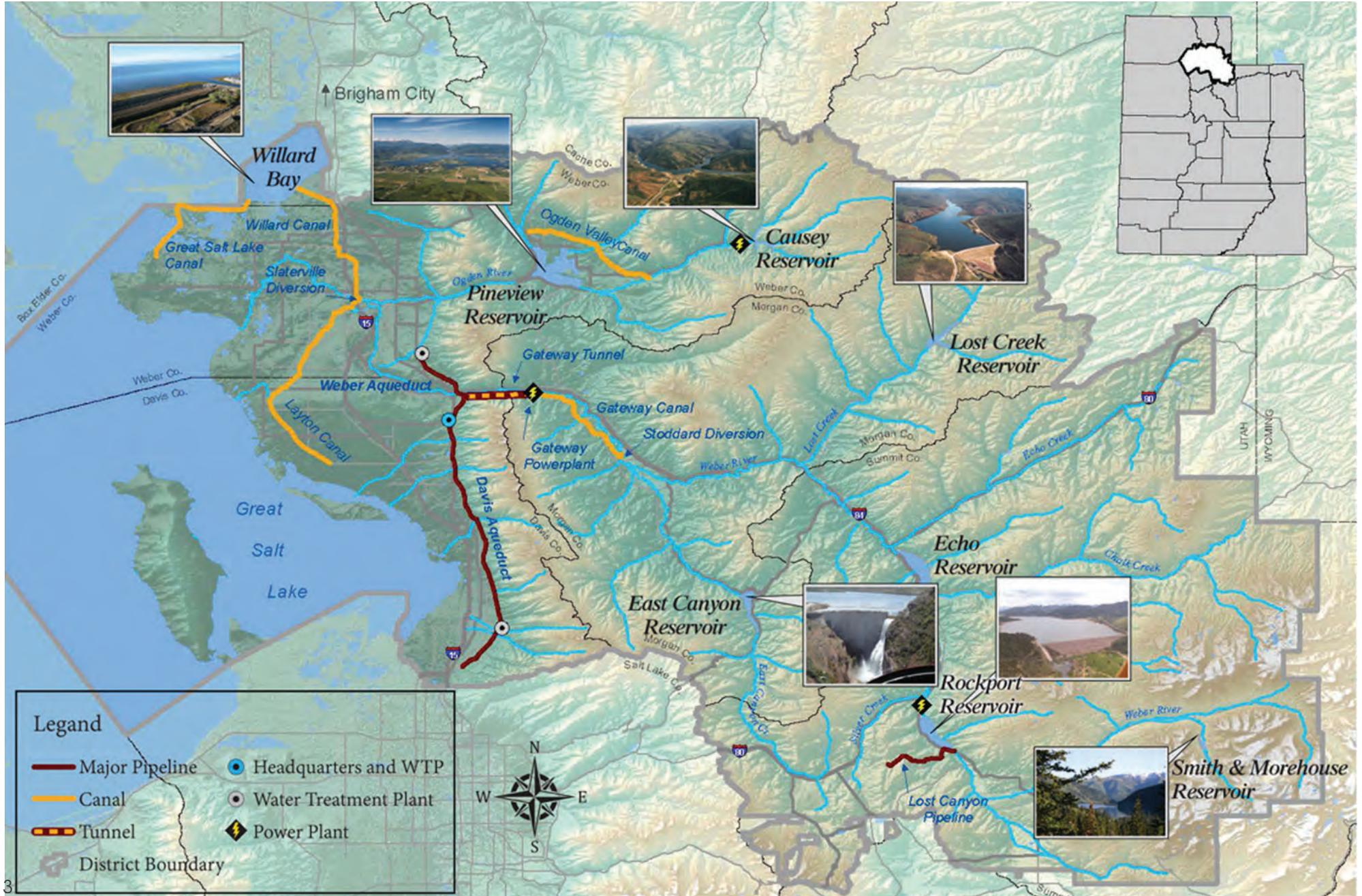
Chris Robinson
Summit County



Paul C. Summers
Davis County

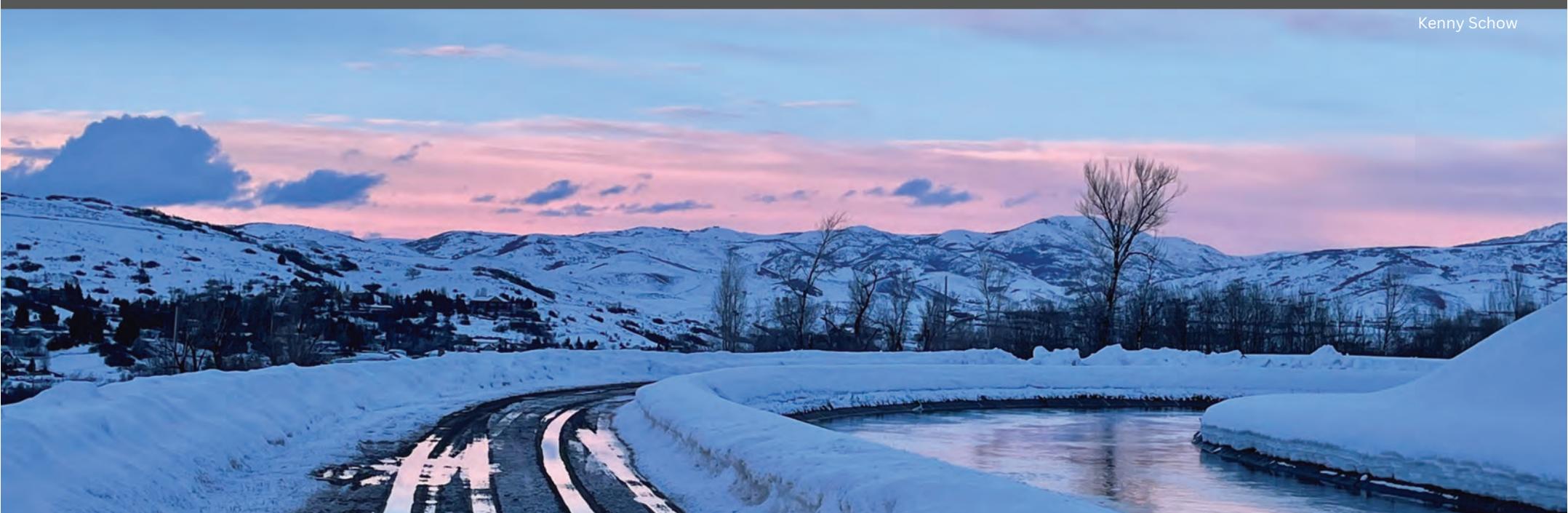
SERVICE AREA MAP

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

Kenny Schow



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



Zeke Bardwell

HUMAN RESOURCES

Kathryn Wood, CGFM, 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



WATER SUPPLY & POWER

Riley Olsen, PE	Water Supply & Power Manager
Jason Obray	Water Supply & Power Superintendent
Gordon Barrow	Irrigation Operator & Dam Tender
Casey Folkman	Irrigation Operator
Tracy Hess	Irrigation Operator & Dam Tender
Jeff King	Hydropower Plant Operator & Dam Tender
Benjamin Love	Irrigation Operator
Chad Montgomery	Hydropower Plant Operator & Dam Tender
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
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
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
Adam Moulding	M&I Maintenance
Jordan Munteer	WTP Operator
Bryan Nakashima	WTP Operator
Douglas Parslow	M&I Distribution Operator, Lead
Aaron Pearce	WTP Operator
Ian Smith	WTP Operator
Mitchell Sorenson	WTP Manager- DS
Paul Spens	M&I Distribution Operator
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



Sam Sorensen



Shane McFarland

CONSTRUCTION & MAINTENANCE

- | | |
|---------------------|---|
| Samuel Sorensen, PE | Construction & Maintenance Manager |
| Nolan Kelley | Construction & Maintenance Superintendent |
| Jacob Amlin | Construction & Maintenance Crew |
| Jordan Clontz | Crew Chief |
| Kolt Douglas | Crew Chief |
| Carson Farrell | Construction & Maintenance Crew |
| Jacob Jaques | Crew Chief |
| Paul Kiesz | Construction Mechanic |
| Tyke Nelson | Construction & Maintenance Crew |
| Connor Nelson | Construction & Maintenance Crew |
| Tanner O Bray | Welder |
| Trase Penman | Crew Chief |
| Thomas Rhoades | Construction & Maintenance Crew |
| Austin Rose | Facilities Tech |
| Noah Rose | Construction & Maintenance Crew/ROW |
| Noah Tanner | Construction & Maintenance Crew |
| Robyn Ward | Inventory & Asset Specialist |
| Scott Wilson | Crew Chief |

ENGINEERING

- | | |
|--------------------------|---------------------|
| Shane McFarland, PE, CFM | Engineering Manager |
| Zeke Bardwell | Inspector |
| Stephen Dellermann | Electrical Engineer |
| Octavious Dickerson | Engineering Tech |
| Vincent Hamilton, PE | Senior Engineer |
| Matthew Meier | Staff Engineer |
| Marc Montgomery | Inspector |
| Jesse Moreno | Staff Engineer |
| Casey Potter, PE | Staff Engineer |



47
Major Active
Construction Projects



\$40.8 Million
Project Value

STRATEGIC INITIATIVES



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	Grant Coordinator
Zachary Roberts	Conservation Coordinator



Tour Guides
Amy Benning, Sherlyn Hilton, Corinne Hoffmann,
& Michelle Pierce



90

Cameras Installed &
Monitored

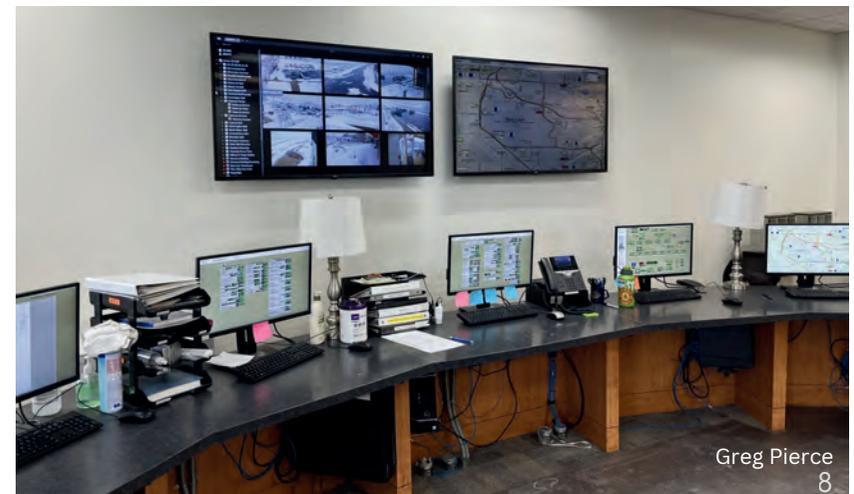


135

Sites with Expansion
of SCADA Network

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



FLOOD CONTROL



Riley Olsen

RECORD SNOWPACK



Riley Olsen



Riley Olsen

2023 will likely stand out in history as a record year in terms of water. After two years of extreme drought, the storage holdover going into water year 2023 was below normal. Fortunately, the snowpack accumulation remained above to well above average throughout the winter, topping out at 193% of average for our basin. These extraordinary snowpack conditions set records across the state and resulted in runoff forecasts ranging from 178% to 311% of the average typically seen at our reservoirs. Due to this record-breaking snowpack, releases from some of the upstream reservoirs for flood control purposes began as early as the first week of January. By about the first week of April, significant flood control releases were being made at all seven of the major reservoirs on the Weber and Ogden Rivers.



Riley Olsen

FLOOD CONTROL

RELEASE TO THE GREAT SALT LAKE

As storage in Willard Bay neared its capacity in early May, the outlet works at the north end of the reservoir was opened in order to start releasing water to the Great Salt Lake. This allowed about 1,000 cfs to continue to be diverted from the already flooding Lower Weber River, routed through Willard Bay via the Willard Canal, and released to the Great Salt Lake. April, May, and June brought a gradual and dry warm up, which was the ideal condition to bring the record snowpack down in the most manageable way possible. However, even with the optimal spring weather and early flood control releases from the reservoirs, several stretches of the Weber and Ogden Rivers, as well as their tributaries, experienced flooding conditions. All seven of the upstream reservoirs were full and spilling by June 15th.



600,000 AF
Water Released to the
Great Salt Lake



33 MWh
Clean Electricity Generated
by Hydroelectric Powerplants



WATERSHED TOUR



Lindsay Hartman

The District hosted over 100 guests at the biannual Watershed Tour. Guests were able to visit portions of the District's watershed and tour infrastructure not open to the public.

This educational tour offers our customer agencies a better understanding of District operations and a behind the scenes look at each stage involved in storing, treating, and delivering reliable, safe, and ample supplies of water.



100+

Government & City
Officials Attended



5

Major District
Facilities Visited

Beginning the tour at Smith & Morehouse Reservoir, guests discussed replacement water, recreation, and District expansion projects. Then guests visited Rockport Reservoir and learned about water quality and the function of pump stations. Echo Reservoir was the next stop, and gave guests the opportunity to go inside the hydropower station and explore the penstock of the dam. After lunch, attendees stopped at the Gateway facilities and saw where the canal feeds into the tunnel through the gates and rakes. The tour finished inside the District's Davis North Water Treatment Plant and Lab and ended in the Conservation Garden.

WATERSHED TOUR



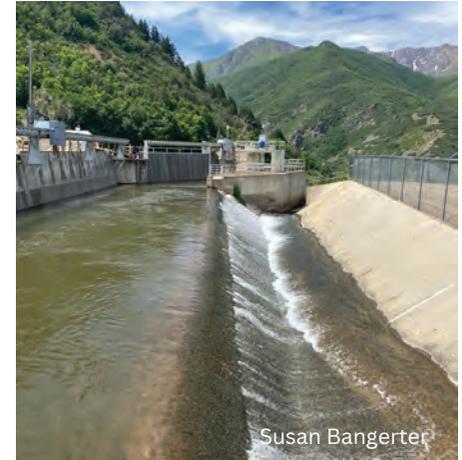
Susan Bangerter



Susan Bangerter



Susan Bangerter



Susan Bangerter



Linsay Hartman



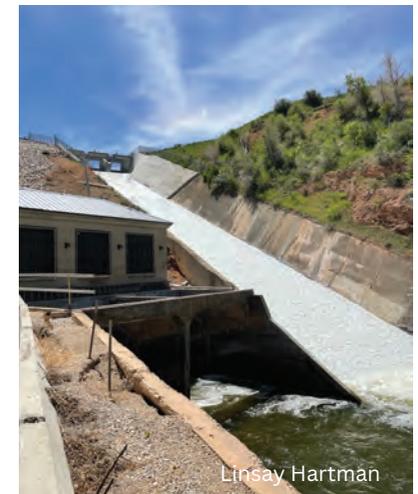
Susan Bangerter



Susan Bangerter



Susan Bangerter



Linsay Hartman

CAPITAL PROJECTS



Zeke Bardwell

DAVIS AQUEDUCT REACH 1 PARALLEL PIPELINE



Zeke Bardwell



Zeke Bardwell

The District began construction on the Davis Aqueduct Reach 1 Parallel Pipeline. Whitaker Construction was contracted to construct 2.2 miles of 72" welded steel pipeline, 60 mgd pumpstation, Military Springs pumpstation, and appurtenances. The Reach 1 project is funded in part by the Building Resilient Infrastructure & Communities (BRIC) Grant, The Bipartisan Infrastructure Law, and other funding sources. Construction of the pipeline is anticipated to be completed in the summer of 2025. The project will provide resiliency to the Davis Aqueduct in the event of a natural disaster allowing continued service to the residents of Davis County and surrounding areas.

INFRASTRUCTURE HIGHLIGHTS

WEBER SOUTH PUMP STATION



Casey Potter

The District replaced the old South Ogden Pump Station with a new one constructed on the Weber South Water Treatment Plant site. The pump station is critical in supplying adequate pressure and flow to South Ogden and the Unitah bench.



Casey Potter

WEBER SOUTH WATER TREATMENT PLANT 5.0 MG TANK PROJECT



Zeke Bardwell



Zeke Bardwell

District Staff contracted with ProBuild construction to build a new 5.0 million-gallon post-tensioned concrete water tank. The new water tank is a replacement for the existing 1.0 Million gallon water tank located at the District's Weber South Water Treatment Plant. Construction has progress well through the year, including a 90-day pre-load period, removal of the existing tank, excavation, and placement of the outlet vaults and tank floor. Construction will continue through 2024.



Zeke Bardwell

MAINTENANCE PROJECTS

SOLIDS RESIDUAL HAULING

When the suspended matter (turbidity) is removed from the incoming water, it is sent to solar drying beds so the water can drain away and leave sludge that can be moved offsite. Because of the high runoff and associated high values of turbidity in 2023, some of the plants had difficulty solar drying all of the sludge. In order to keep up with operations, the District had to pump much of the wet sludge in the drying beds into tanker trucks before it had dried and transport it to an offsite location. Operations and maintenance crews manned the pumps, stirred the sludge, and helped the process run smoothly to allow the plants to return to normal operation.



CLEANING OF CANALS & DIVERSIONS

The maintenance staff removed literally tons of rock and debris from the river diversion and other district structures. Heavy equipment was used throughout runoff season, keeping the waterways clear of debris. Staff worked tirelessly to keep water flowing and reduce flooding potential.



MAINTENANCE PROJECTS

WILLARD CANAL LINING PHASE 8

The District continued the Willard Canal Lining project with the 8th phase. Phase 8 included the lining of 1,600 feet which completed lining the canal from the Slaterville Diversion to I-15. The completion of Phase 8 met a milestone marker for the project in having the section of canal lined which showed to be most susceptible to water loss. The project was again partially funded by the Bureau of Reclamation's WaterSmart Grant.



Zeke Bardwell



Zeke Bardwell

ADAMS AVENUE BANK REPAIR



Sam Sorensen

Higher river flows caused bank erosion in several areas. District staff worked quickly to stabilize this part of the Weber River where District pipelines were threatened.



Sam Sorensen

622 NTU TURBIDITY

Due to the incredible snow year that was had during the winter of 2023, there was also impressive snow melt and runoff that occurred. Higher runoff from the mountains means that the water coming down the rivers and into the water treatment plants can be very dirty and turbid (containing high levels of suspended matter). The conventional water treatment process removes almost all of this suspended matter from the water to produce high quality drinking water.



Linsay Hartman



Josh Hogge

TAPPING INTO OUR PEOPLE



Chad Montgomery

HIRING STATS

252 Applications Processed

84 Interviews Conducted

9 New Full-Time Employees

16 Positions Filled

7 Employees Promoted

3 New Positions Added

12 Seasonal Employees



Ashley Nay
Casey Potter
Lee Jones
Tracy Hess



Kenny Schow
Brittney Bateman



David Rice



John Jacobson
Bob Waldron

CORE VALUES

SAFETY

We uphold a positive and proactive safety culture, and lead by example in all aspects of our business.

Safety is important to all of us. We want everyone to go home safely at the end of each day.



HONORING OUR EMPLOYEES

EMPLOYEES OF THE YEAR



Suzy Eppens
Contracts Administrator



Tracy Hess
Irrigation Operator & Dam Tender



Talon Thurgood
SCADA & Security Specialist



Casey Folkman

RETIREMENT



Mike Midgley, Water Supply & Power Superintendent

FINANCE & ECONOMICS

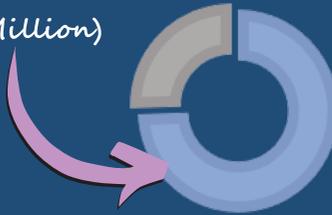
FY 2023 Net Position

\$312,784,022

The District's overall Net Position increased **8.5%** or **\$24.5 Million** from the prior fiscal year. Net position is comprised of:

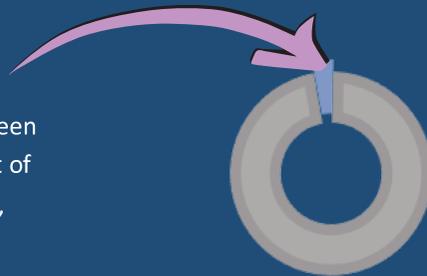
NET INVESTMENT IN CAPITAL ASSETS

The most substantial portion of net position (**\$233 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.



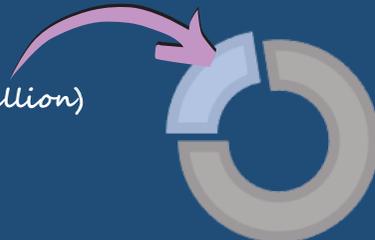
RESTRICTED NET POSITION

The portion of net position (**\$9.6 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 (**\$70.2 Million**) is considered unrestricted. These funds include reserves which will be combined with grant,



ASSETS

2023

Current Assets	\$ 131,757,030
Sinking Fund & Reserve Assets	23,934,640
Lease Receivable	1,494,058
Capital Assets (net depreciation)	367,830,968
Deferred Outflow of Resources	2,629,711
TOTAL ASSETS & DEFERRED OUTFLOWS:	\$ 527,646,407

LIABILITIES & NET POSITION

2023

Current & Other Liabilities	\$ 26,050,770
Long-Term Liabilities	163,817,680
Deferred Inflows of Resources	24,993,935
Net Position	312,784,022
TOTAL EXPENDITURES:	\$ 527,646,407



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 \$51 Million in federal and state grants
- ★ Completed update to state mandated Capital Asset Plan
- ★ Increased tax rate to finance District-wide conservation/rebate initiatives and federal project operations/repairs

FINANCE & ECONOMICS

INFLOWS	2023
Water Sales	\$ 41,171,467
Taxes & Fee-in-Lieu of Taxes	19,330,512
Interest	4,608,420
Miscellaneous	8,650,090
Net Use of Loan/Bond Proceeds	13,370,166
TOTAL INFLOWS:	\$ 87,130,655

OUTFLOWS	2023
Operating Expenses	\$ 34,621,511
Federal Facilities R&R	4,637,484
Interest Expense	4,499,395
Loan & Bond Payments	7,878,652
Capital Improvements	26,335,239
Miscellaneous	329,579
Additions to Reserves	8,828,795
TOTAL OUTFLOWS:	\$ 87,130,655

FY 2023 Sources & Uses

The District adopted a Balanced Budget of **\$125.6 Million**

The approximate \$38.5 Million difference between budgeted and actual expenses is attributable to delays in scheduled capital projects (the pandemic and influx of ARPA funds into the economy continues to exert pressures in the professional service and building material markets). Unspent funds have been added to District reserves which will be drawn from when these projects begin.

Debt service during the year totaled **\$12.4 Million**.

The District has set a conservative policy of 1.75 coverage.

For fiscal year 2023 the District had a debt service ratio of **3.01**.

Removing uncapitalized expenses related to the federal project and adding in the District's unrestricted bond reserves brings total coverage to **4.47**. The District's favorable bond ratings are crucial to its ability to secure debt at more favorable terms.

AAA/AA+ Municipal Bond Rating



FY23 Property Tax Bill Breakdown
\$19.3 Million

PLANNING FOR THE FUTURE



PRODUCT REBATES



\$59,260
Residential Smart
Controllers



\$36,130
Commercial Smart
Controllers



\$4,600
Low Flow Toilets



535,538
Total Square Feet of
Lawn Removed

EDUCATION



33
Landscape Classes
Offered



2,585
Students Attended
School Tours from 36
Davis County Schools



2,100
People
Attended the District's
Community Events-
Spring Garden Fair &
Fall Spooktacular

PLANNING FOR THE FUTURE

LANDSCAPE LAWN EXCHANGE PROGRAM



The Landscape Lawn Exchange Program began this year, allowing lawn removal incentives for residential yards. The State Department of Water Resources funded half of the total, seeing 123 completed projects, removing 247,082 square feet of lawn.



EDUCATIONAL OPPORTUNITIES



The District kicked off landscaping classes back to full, in person classes beginning in February 2023. There was an increase of classes offered to include classes specifically related to the Lawn Removal Incentive Programs. All classes are now recorded and available on the District's YouTube channel and has 43,643 total views.

The Learning Garden plant tags have been updated with digital tool signage, allowing visitors to scan a QR code to get more details about the plants.



2023 BY THE NUMBERS



Susan Bangerter



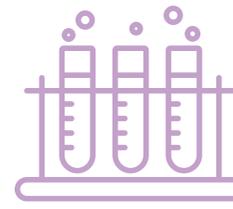
1,120
Meters Installed
& Activated



18 Billion
Gallons of
Treated Water Delivered



2,700 Tons
Treatment Solids Hauled



617,000
Gallons of Treatment
Chemical Used



\$6.2 Billion
Facilities Protected &
Maintained



1,042,200
Pounds of Salt Used
to Make Chlorine



12,021
Lab Samples
Processed



365 days
Facilities Were in
Operation



700,000
People Served

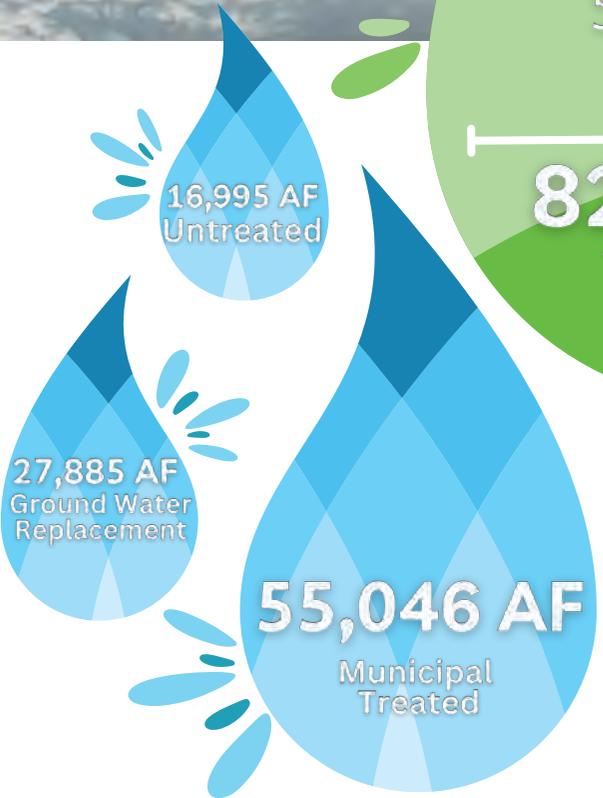
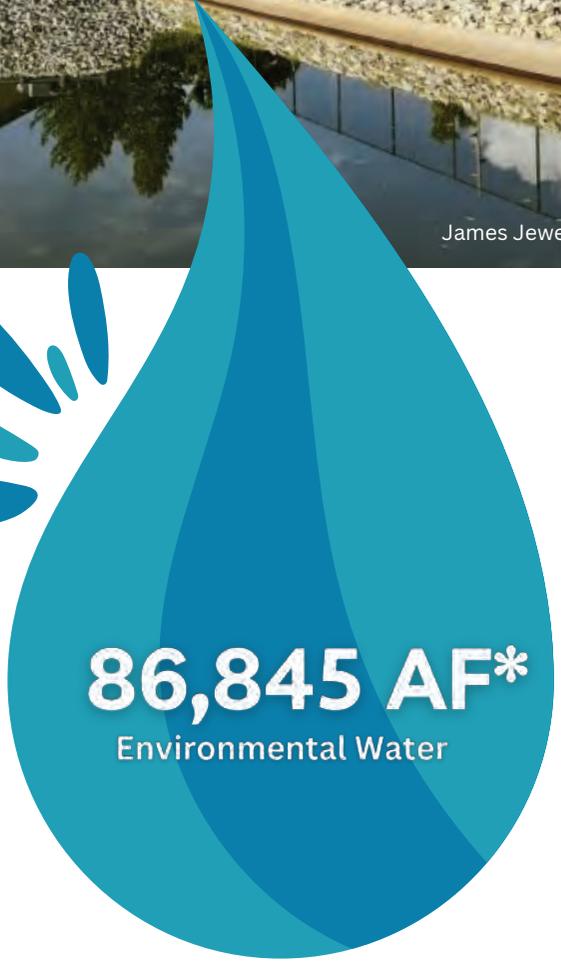
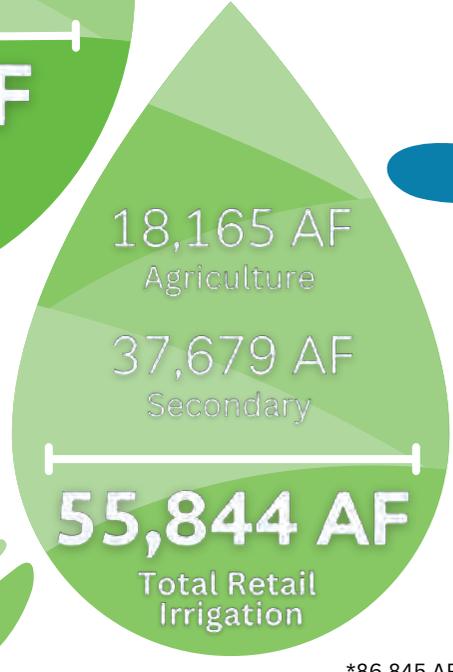
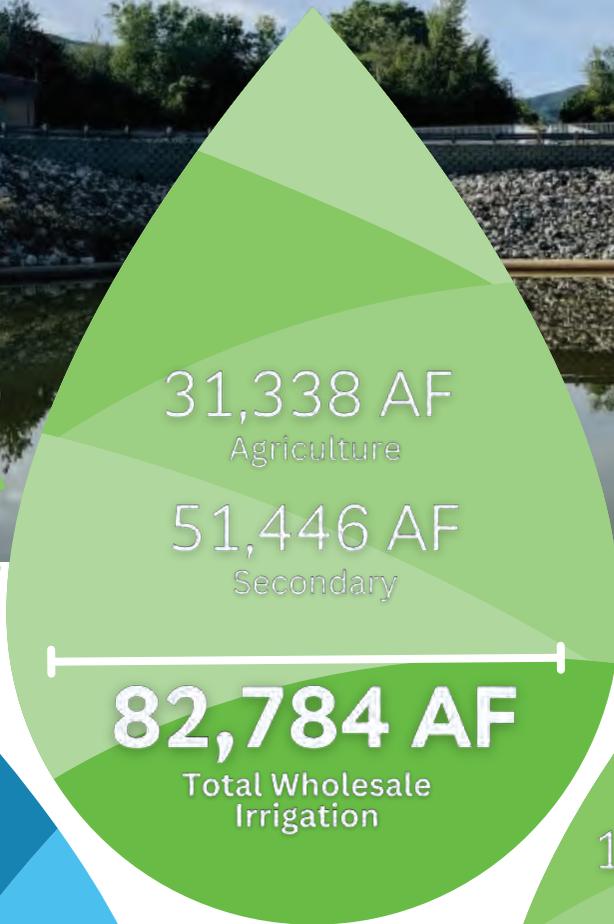


\$51 Million
Federal & State
Grant Monies

TOTAL WATER SALES 238,554 AF



James Jewett



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

SUMMARY OF IRRIGATION CONTRACTS

IRRIGATION COMPANY WATER USE 2023 (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's 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	1,693	154	1,539
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	4,479	448	4,031
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		82,784	7,961	74,823

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	1,000.000
2	CENTERVILLE CITY	500.000
3	CHEVRON, USA	2,000.000
4	CLEARFIELD CITY	5,348.000
5	CLINTON CITY	1,630.000
6	FARMINGTON CITY	501.000
7	FRUIT HEIGHTS CITY	745.000
8	GENEVA ROCK	44.000
9	HILL AIR FORCE BASE	1,018.790
10	KAYSVILLE CITY*	2,500.000
11	LAYTON CITY	7,329.000
12	MIDA-FALCON HILL	15.000
13	MUTTON HOLLOW WID	220.000
14	NORTH SALT LAKE CITY	2,015.000
15	SOUTH DAVIS COUNTY WID	360.000
16	SOUTH WEBER CITY	1,145.880
17	SUNSET CITY	1,400.000
18	SYRACUSE CITY	2,275.000
19	TESORO	5.000
20	WASATCH INTEGRATED WASTE MGMT	10.000
21	WEBBS CANYON WATER COMPANY	9.000
22	WEBER BASIN JOB CORP	60.000
23	WEST BOUNTIFUL CITY	750.000
24	WEST POINT CITY	700.000
25	WOODS CROSS CITY	100.000
TOTAL DAVIS COUNTY		31,680.670

TREATED WATER

#	CONTRACTING ENTITY	Contract Amount
MORGAN COUNTY		
1	REPLACEMENT WATER	4,743.950
SUMMIT COUNTY		
1	REPLACEMENT WATER	13,273.150
WEBER COUNTY		
1	SILVERLINE	5.000
2	BONA VISTA WATER IMP. DIST	3,786.000
3	COMPASS MINERALS	900.000
4	HOOPER WATER IMP. DISTRICT	108.50
5	MJK FABRICATION	5.000
6	OGDEN CITY	7,000.000
7	PLEASANT VIEW CITY	275.000
8	RIVERDALE CITY*	1,168.000
9	ROY CITY	3,263.000
10	SOUTH OGDEN CITY*	785.000
11	TAYLOR-WEST WEBER WID	847.460
12	UINTAH HIGHLANDS WID	247.000
13	UINTAH CITY	468.000
14	WASHINGTON TERRACE CITY	1,000.000
15	WEBER COUNTY-MOULDING	5.000
16	WEST WARREN- WARREN WID	542.300
17	WESTERN BASIN WATER COMPANY	2,400.000
18	WESTERN ZIRCONIUM	560.000
19	REPLACEMENT WATER	9,868.030
TOTAL WEBER COUNTY		23,365.260

UNTREATED WATER

#	CONTRACTING ENTITY	Contract Amount
1	BIG WEST OIL	100.000
2	CHEVRON, USA	1,200.000
3	COMPASS MINERALS	7,980.000
4	MOUNTAIN REGIONAL SSD	2,100.000
5	OGDEN CITY	1,500.000
6	NORTH SALT LAKE CITY	38.000
7	PARK CITY	2,900.000
8	PARSONS	22.000
9	SUMMIT WATER DIST. COMPANY	1,150.000
10	TESORO	5.000
TOTAL UNTREATED		16,995.000
TOTAL REPLACEMENT WATER		27,885.130
TOTAL TREATED WATER		55,045.930
TOTALS		99,926.060

* Amount of Burch Creek water treated for South Ogden City: 548.42 acre-feet

* Amount of Holmes Creek water exchanged for Kaysville City: 400.56 acre-feet

* Amount of surface water exchanged for Riverdale City: 428 acre-feet

The following entities added to their contracts during 2023: Syracuse City (350) and Riverdale City (3)

PROJECT POWER OPERATIONS

WEBER BASIN WATER CONSERVANCY DISTRICT

PEAK PROJECT POWER LOAD - KW 2023

#	Contracting Entity	January	February	March	April	May	June	July	August	September	October	November	December
1	Peak Power Load (KW)	1,849	1,481	1,247	1,234	2,497	4,075	6,228	6,814	6,060	2,785	3,748	2,511

PEAK PROJECT POWER LOAD - KW 2023

#	Contracting Entity	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	*Net Generation Causey Plant	9,000	30,800	198,100	860,900	1,386,200	972,500	537,156	393,544	373,000	407,000	219,300	69,000	5,456,500
2	Net Generation Gateway Plant	-13,440	-16,960	1,020,480	2,882,720	2,971,120	2,770,800	2,446,440	1,836,400	1,596,240	392,560	-11,760	-14,640	15,859,960
3	Net Generation Wanship Plant	-18,900	731,500	992,600	1,466,700	1,827,600	1,287,400	1,329,000	1,302,000	1,287,100	1,317,500	791,200	-14,000	12,299,700
4	Total Output	-23,340	745,340	2,211,180	5,210,320	6,184,920	5,030,700	4,312,596	3,531,944	3,256,340	2,117,060	998,740	40,360	33,616,160
5	Project Use	1,322,524	798,951	873,951	799,055	1,260,127	2,246,136	4,432,024	4,469,738	2,573,892	1,617,414	2,132,446	1,515,606	24,041,864
6	Delivered To CRSP	-1,354,864	-84,411	1,139,129	3,550,365	3,538,593	1,812,064	-656,584	-1,331,338	309,448	92,646	-1,353,006	-1,544,246	4,117,796

* Not Added To CRSP

WATER USED FOR POWER GENERATION (ACRE-FEET)

#	Contracting Entity	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	Causey	243	461	1,532	6,934	9,243	8,060	3,599	2,953	2,824	3,232	1,923	842	41,845
2	Gateway	0	0	7,884	21,720	22,314	21,052	19,000	15,594	12,630	3,540	0	0	123,734
3	Wanship	0	7,134	11,090	12,000	10,156	11,256	10,132	11,160	12,028	12,610	8,156	0	105,722
Total		243	7,595	20,506	40,654	41,713	40,368	32,731	29,707	27,482	19,382	10,079	842	271,301

RESERVOIR OPERATIONS

WEBER BASIN WATER CONSERVANCY DISTRICT 2023

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

#	Contracting Entity	January	February	March	April	May	June	July	August	September	October	November	December
1	Causey	3,851	4,174	3,833	3,039	7,008	6,871	6,534	5,633	4,508	2,836	2,439	2,967
2	East Canyon	27,910	29,460	27,335	26,720	44,500	48,725	45,420	41,040	37,630	38,890	40,420	41,800
3	Echo	46,610	50,480	46,690	19,930	54,000	72,630	62,100	54,000	50,240	59,880	67,820	63,690
4	Lost Creek	7,060	7,360	7,870	6,500	20,080	19,683	17,646	15,630	14,140	14,270	14,580	14,982
5	Pineview	45,980	45,260	38,990	24,430	93,600	109,860	103,040	93,600	85,120	82,570	84,610	85,900
6	Smith-Morehouse	3,760	3,786	3,532	2,779	7,777	7,758	7,496	7,191	5,501	3,896	4,115	3,828
7	Wanship	43,220	37,920	29,440	15,070	41,030	61,830	57,470	51,130	48,250	45,560	43,750	45,830
8	Willard	86,595	102,586	136,839	182,225	195,137	220,458	212,107	193,235	189,730	186,524	184,627	183,625
Total		264,986	281,026	294,529	280,693	463,132	547,815	511,813	461,459	435,119	434,426	442,361	442,622

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

#	Contracting Entity	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	Causey	467	495	1,532	6,934	44,745	14,055	3,652	3,006	2,877	3,232	1,923	942	83,860
2	East Canyon	374	390	4,778	16,134	12,840	5,773	6,291	6,660	5,068	895	493	586	60,282
3	Echo	3,454	6,176	21,120	70,464	26,886	25,206	32,128	23,728	20,702	5,980	3,670	8,758	248,272
4	Lost Creek	368	330	372	5,060	8,122	4,836	3,506	2,938	2,320	550	420	434	29,256
5	Pineview	616	6,127	23,759	74,873	74,617	15,626	13,325	14,048	12,298	8,478	2,742	4,443	250,952
6	Smith-Morehouse	434	542	824	2,450	16,960	20,024	4,554	1,396	3,242	2,378	300	868	53,972
7	Wanship	1,621	8,098	13,478	28,082	13,865	23,875	14,894	12,303	12,534	12,686	8,393	1,764	151,593
8	Willard	486	192	238	184	30,090	4,366	2,648	11,874	884	1,354	1,258	1,286	54,860
Total		7,820	22,350	66,101	204,181	228,125	113,761	80,998	75,953	59,925	35,553	19,199	19,081	933,047

NET PRODUCTION OF CULINARY WATER FROM TREATMENT PLANTS & WELLS - 2023

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	530.00	17.67%	1,436.02	33.40%	327.63	21.14%	2,293.64	485.20	2,778.84
2	February	556.00	18.53%	1,548.20	36.00%	356.19	22.98%	2,460.39	13.30	2,473.69
3	March	835.00	27.83%	1,799.91	41.86%	396.41	25.57%	3,031.32	0.00	3,031.32
4	April	881.00	29.37%	1,808.51	42.06%	386.79	24.95%	3,076.30	0.00	3,076.30
5	May	1,400.00	46.67%	2,651.05	61.65%	552.00	35.61%	4,603.05	73.96	4,677.01
6	June	1,183.00	39.43%	2,579.13	59.98%	640.28	41.31%	4,402.41	941.18	5,343.60
7	July	1,333.00	44.43%	2,816.07	65.49%	521.25	33.63%	4,670.32	1,903.14	6,573.46
8	August	964.00	32.13%	2,639.81	61.39%	474.82	30.63%	4,078.63	2,150.38	6,229.00
9	September	886.00	29.53%	2,518.27	58.56%	608.70	39.27%	4,012.97	1,217.60	5,230.57
10	October	857.00	28.57%	1,843.81	42.88%	610.76	39.40%	3,311.57	964.53	4,276.10
11	November	524.00	17.47%	1,205.28	28.03%	445.61	28.75%	2,174.88	1,003.79	3,178.67
12	December	546.00	18.20%	1,510.96	35.14%	587.61	37.91%	2,644.58	469.63	3,114.21
TOTAL		10,495.00		24,357.02		5,908.04		40,760.06	9,222.70	49,982.76

	PRODUCTION % OF TOTAL	
WEBER SOUTH PLANT	10,495.00	25.75%
DAVIS NORTH PLANT	24,357.02	59.76%
DAVIS SOUTH PLANT	5,908.04	14.49%
TOTAL	40,760.06	100%

	PRODUCTION % OF TOTAL	
WEBER SOUTH PLANT	10,495.00	21.00%
DAVIS NORTH PLANT	24,357.02	48.73%
DAVIS SOUTH PLANT	5,908.04	11.82%
WELLS	9,222.70	18.45%
TOTAL	49,982.76	100%

	MGD	ACRE-FEET	GPM
WEBER SOUTH PLANT	32MGD	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 2023

(IN ACRE-FEET)

#	CULINARY WELLS	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	BEN LOMOND							41.06	108.30	105.39	6.59			261.34
2	CLEARFIELD #1													0.00
3	CLEARFIELD #2													0.00
4	DISTRICT WELL #2						26.16	338.77	362.21	99.89	49.69	9.35		886.07
5	DISTRICT WELL #3						324.91							324.91
6	FAIRFIELD					38.83	205.38	563.24	576.05	553.55	579.52	273.63		2,790.19
7	LAYTON	157.84					199.94	284.56	291.50	31.24		89.49		1,054.58
8	NORTH OGDEN					35.13	71.45	75.24	75.67	69.49	56.83			383.81
9	ORCHARD DR.											1,077.403		1,077.40
10	RIVERDALE	327.36	13.30					229.84	369.73	275.57	232.08	56.77		1,504.63
11	SOUTH DAVIS							277.26	275.20	62.20		73.49		688.15
12	SOUTH WEBER #1											413.81		864.05
13	SOUTH WEBER #2													0.00
14	DAVIS BOULEVARD										19.71	59.06		78.77
15	NORTH WEBER						113.35	93.17	91.71	20.26				318.49
TOTAL		485.20	13.30			73.96	941.18	1,903.14	2,150.38	1,217.60	944.41	2,052.99		10,232.40
ACCUM. TOTAL		485.20	498.49			572.45		3,416.78	5,567.15	6,784.75	7,729.17	9,782.16		10,232.40

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
2	Farmington Well #2													0
3	Washington Terrace Well								231	229				460
4	West Bountiful Golf Well													0
5	West Bountiful 5th South													0
6	Mills Park Well													0
TOTAL		0	231	229	0	0	0	460						

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	TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY	TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY	TOTAL MONTHLY PRODUCTION	% OF PLANT CAPACITY
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 Wel #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, 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



2837 East Highway 193
Layton, Utah 84040

Phone 801-771-1677
Fax 801-544-0103
SLC 801-359-4494

www.weberbasin.gov