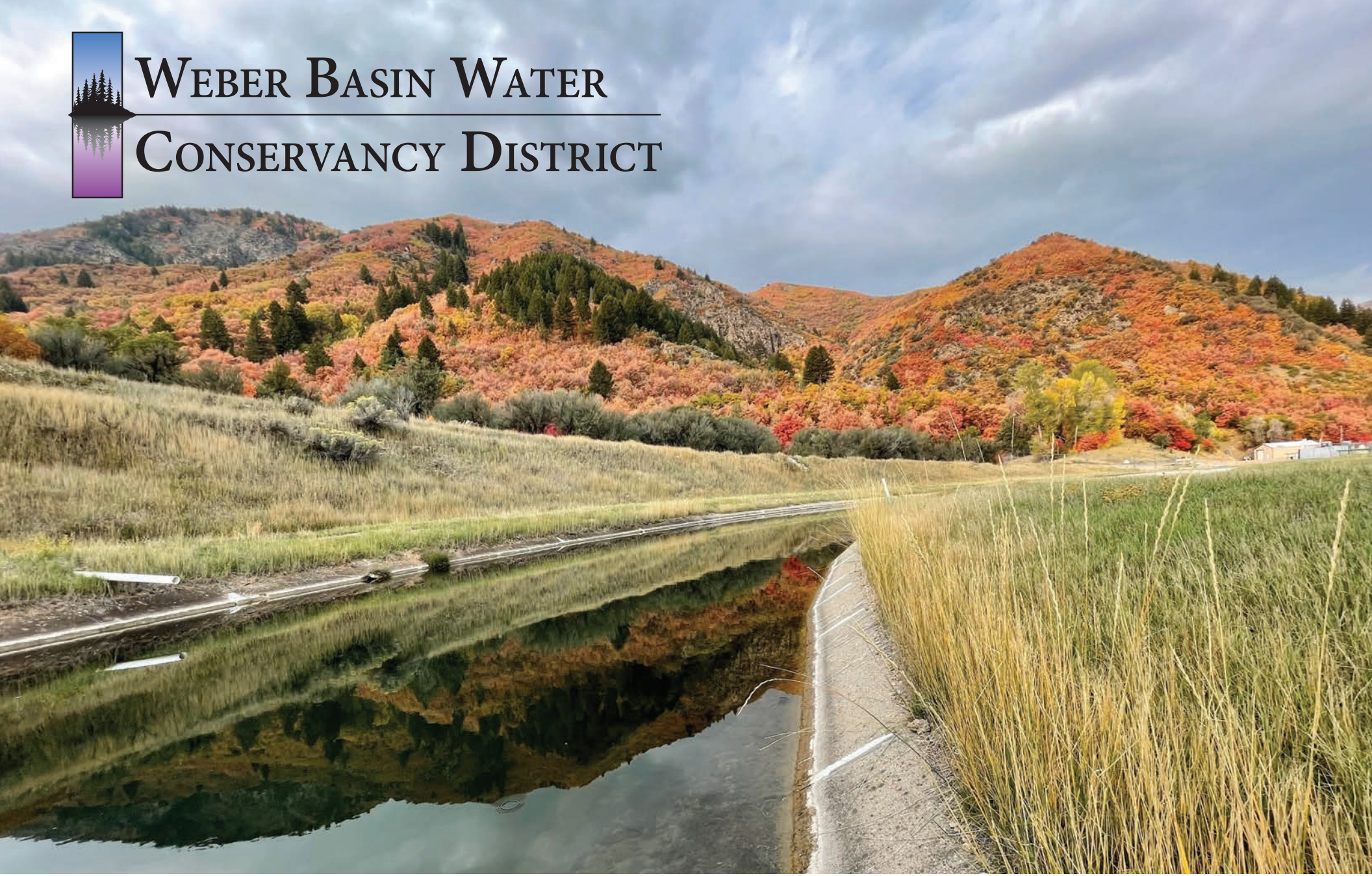
Weber Basin Water Conservancy District



PC: Kenny Schow

Summary of Operations 2021

PC: HattieAnn Fassold

PC: Derek Johnson

TABLE OF CONTENTS

GENERAL MANAGER'S MESSAGE

Tage I. Flint, PE

As my 21 years as General Manager come to a close, I am given the opportunity to be more reflective. In just those two decades, the District's population has more than doubled, and we have seen great growth in infrastructure and municipal water demand. Our number of employees has also doubled. Water supply has become a large, complicated enterprise which requires constant diligence accomplished by many professional people. The drought of 2021 was unprecedented by many measurements, and coupled with a second year of a pandemic, afforded one of the best performance years we have ever seen from our staff. It will never go without my notice that in 2021, clean and constant water was provided to every home for which we were responsible. My thanks to our professional employees and Board or Trustees who responded to every challenge.

Thank you to all the customer agencies, consultants, and community and political leaders who have contributed to the success of the District over these decades as no water authority can operate in a vacuum. And to the management team with whom I have worked the closest, you are second to none in our industry.

As for the future, the District is well equipped to solve upcoming challenges. Scott Paxman and the team will not miss a beat, which in my estimation is what the predecessor should always hope for. There will be no more important public service than water supply going forward. But upon reflection, maybe there never has been.

Tage I. Flint

Scott W. Paxman

INCOMING GENERAL MANAGER'S MESSAGE

Scott W. Paxman, PE

After two decades of Tage's exceptional management of the District, we want to wish him sincere congratulations on his retirement and recognize the legacy he leaves behind. Under Tage's direction, the District achieved recognition as a very influential regional water supplier. Tage's vision and leadership will be greatly missed.

I am excited to lead the District into its next chapter. The mission and vision for our District will continue on the same course. We recognize there are many challenges facing the District, including how to respond to the changing climate, ensuring a reliable and sustainable water supply for the growing population, and continuing to address our growing and aging infrastructure needs. Conservation, or doing more with less, will continue to be a major priority of the District. We want to extend appreciation to the public for its great response to the recent drought. The public recognized its severity and responded quickly and consistently by making do with what was available. We remain confident our water users will continue to be supportive by practicing a lifestyle that recognizes the importance of conservation of our precious resource.

I have worked closely with every department over my 30+ years at the District and am convinced that each of our employees are giving 100% to the District and those we serve. Each employee has extensive knowledge and expertise which contribute to the success of the District. We could not achieve our goals without them and appreciate their dedication and diligence.

I value and appreciate everyone's support as I begin my new duties. Together we can accomplish anything.

PC: Briant Jacobs

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.

Dee Alan Waldron
Morgan County
President

Kym O. Buttschardt
Weber County

Paul C. Summers
Davis County

Dave Ure
Summit County

Marlin K. Jensen
Weber County

P. Bret Millburn
Davis County

Scott K. Jenkins
Weber County

Weber Basin Water Conservancy District

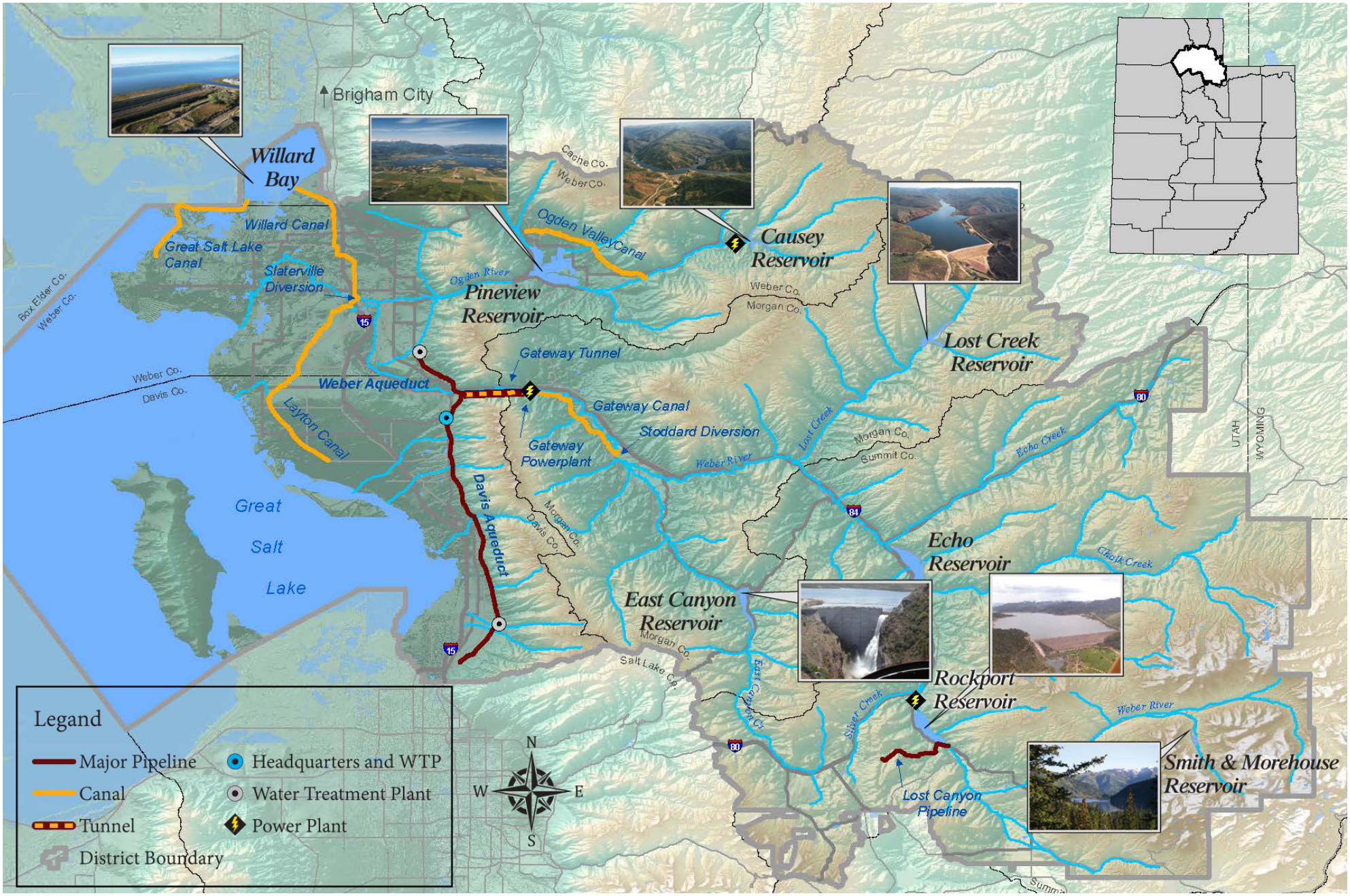
Randy B. Elliott
Davis County

Angie Osguthorpe
Weber County

SERVICE AREA MAP

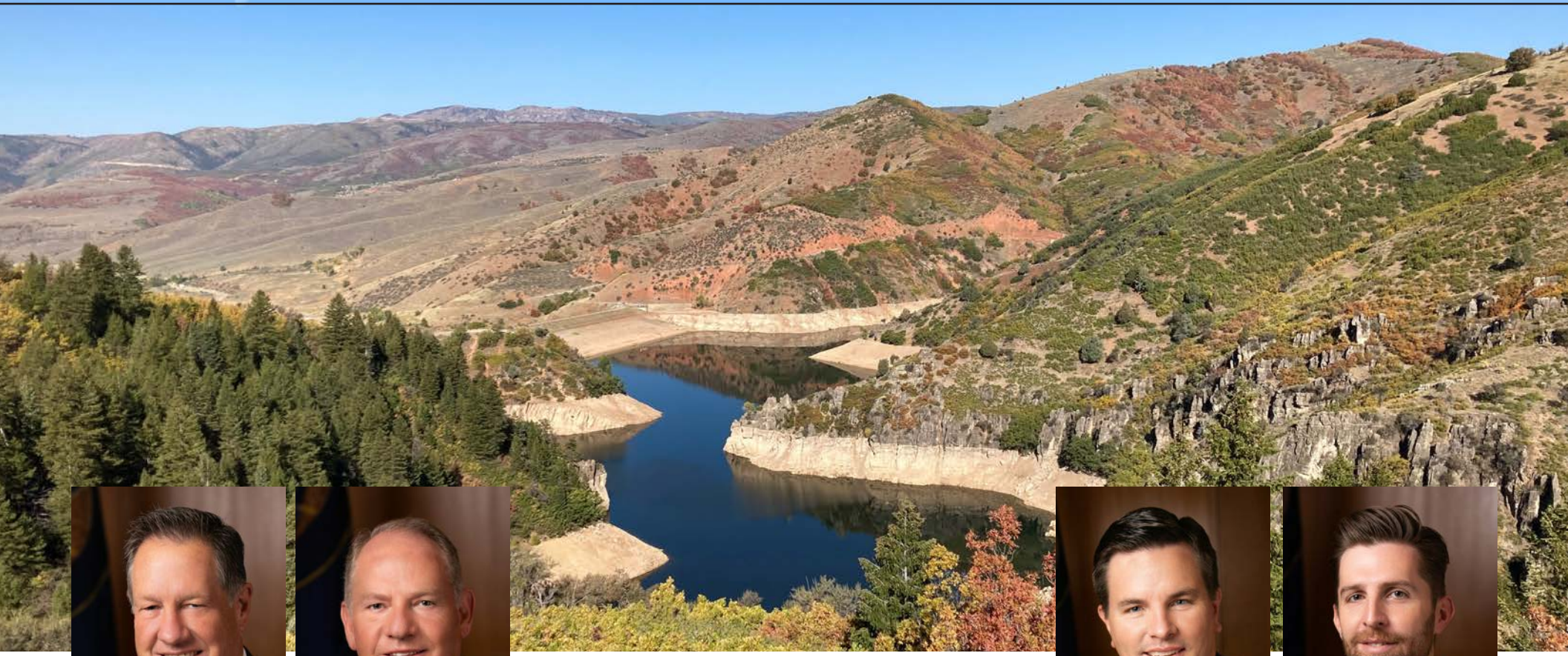
The District supplies five categories of water to its customers:

- Wholesale & Retail Secondary Irrigation
- Treated Municipal & Industrial
- Untreated Municipal & Industrial
- Groundwater Replacement
- Wholesale & Retail Agricultural Irrigation



ADMINISTRATION

PC: Josh Hogge



Tage I. Flint, PE
General Manager
Chief Executive Officer

Scott W. Paxman, PE
Assistant General Manager
Chief Technical Officer

EXECUTIVE

Brittney Bateman, CGFM *Finance & Economics Manager*
Suzy Eppens *Project Specialist*
Marissol Martinez *AP/AR Clerk & Admin. Assistant*
Makenzie Matthews *Records Specialist*
Kathryn Wood, CGFM, SPHR *HR Manager*

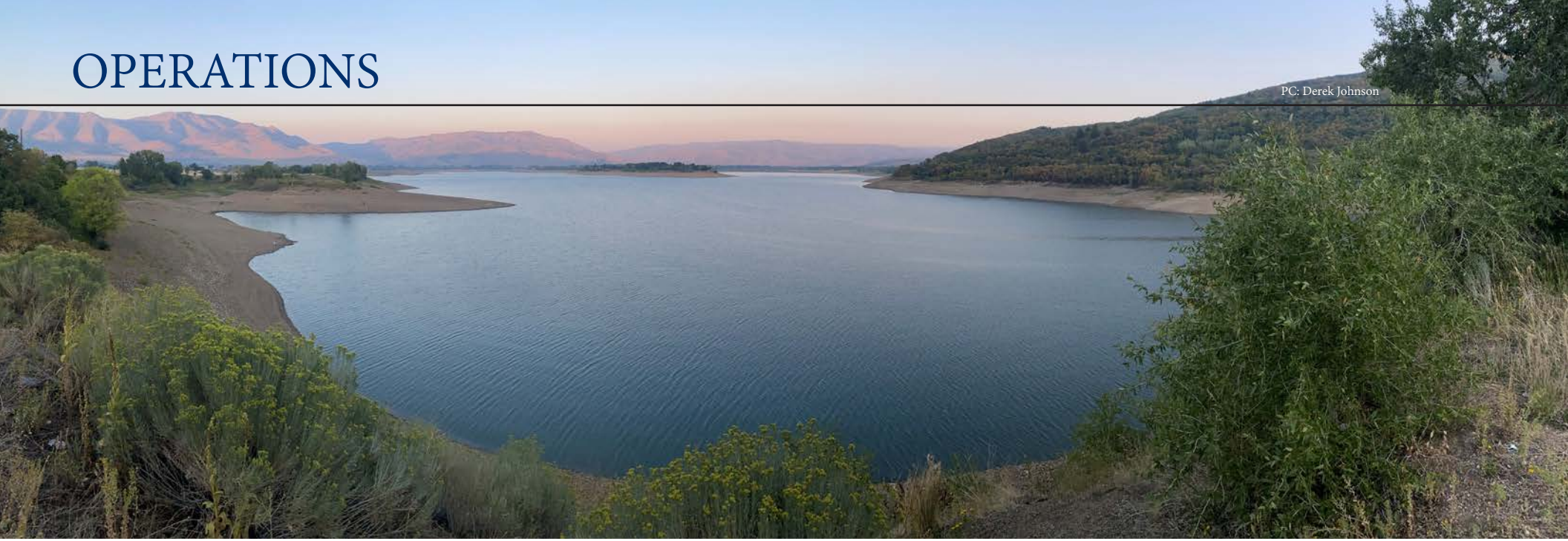
Darren E. Hess, PE
Assistant General Manager
Chief Operations Officer

Jonathan F. Parry, PE
Assistant General Manager
Strategic Initiatives

ADMINISTRATIVE

Sherrie Mobley *Administration Manager / CAO*
Calysta Bravo *Accounting & Budget Officer*
Brittnii Hess *Purchasing Assistant & Records Management Specialist*
Deena Harris *Customer Service Specialist*
Russell Starker *Courier*
Kendall Searle *Customer Service Supervisor & Contract Administrator*

OPERATIONS



PC: Derek Johnson

MUNICIPAL & INDUSTRIAL WATER

Brad Nelson, PE *M&I & Lab Manager*
Nathan Allison *WTPO*
Jeff Connor *Supervisor, Plant Operations*
Octavious Dickerson *WTPO*
Nathan Frew *Plant Manager, DSWTP*
Dean Gifford *WTPO*
Kevin Green *WTPO*
Thomas Hamblin *WTPO*
Geoffrey Howell *WTPO*
John Jacobson *WTPO*
Tyler Jensen *WTPO*
Lee Jones *WTPO*
Brett Kennedy *WTP Maintenance*
Joshua Kite *M&I Distribution Operator*
Rex Lee *WTPO*
Adam Moulding *WTPO*
Douglas Parslow *M&I Distribution Lead*
Aaron Pearce *WTPO*
Auggie Rose *Plant Manager, WSWTP*
Ian Smith *WTPO*
Mitchell Sorenson *Solids Handling Specialist*
Paul Spens *M&I Pipeline Operator*
Chase Tate *WTPO*
Janice Terry *WTPO*
Shane Visser *WTPO*
Jeffrey Weyburn *WTPO*
Jason Kim *Lab Director*
Amanda Delgado *Chemist*
Kelly Holmes *Chemist*
Zach Bons *Lab Tech*

WTPO = Water Treatment Plant Operator

WATER SUPPLY & POWER

Riley Olsen, PE *WS&P Manager*
Gordon Barrow *IO & Dam Tender*
Tracy Hess *IO & Dam Tender*
Jeff King *PPO & Dam Tender*
Chad Montgomery *PPO & Dam Tender*
Bobby Waldron *PPO & Dam Tener*
Kenny Schow *PPO & Dam Tender*
Casey Folkman *IO*
Alan Hatch *IO*
Lee Smith *IO*
Benjamin Love *Lead IO*
Mike Midgley *Superintendent, WS&P*
David Giles *Electrician*
Jordan Hendrix *Electrician*
Jason Obray *Lead Electrician*
Kenneth Turner *Lead Electrician*

WS&P = Water Supply & Power
IO = Irrigation Operator
PPO = Power Plant Operator

SUSTAINMENT

PC: Derek Bardwell

CONSTRUCTION & MAINTENANCE

Samuel Sorensen, PE *Construction & Maintenance Manager*
Jacob Amlin *C&M Worker*
Jordan Clontz *Crew Chief*
Kolt Douglas *C&M Worker*
Carson Farrell *C&M Worker, Irrigation Operator*
Jacob Jaques *Crew Chief, Special Projects*
Nolan Kelley *Superintendent Construction & Maintenance*
Paul Kiesz *Construction Mechanic*
Layne Leonard *Crew Chief*
Garrett Maddux *C&M Worker / ROW Crew*
Connor Nelson *C&M Worker*
Tanner Obray *Welder*
Trase Penman *Crew Chief, ROW*
Austin Rose *Facilities Tech*
Austin Stoddard *C&M Worker*
Robyn Ward *Inventory & Asset Specialist*
Scott Wilson *Crew Chief, Special Projects*

ENGINEERING

Derek Johnson, PE *Engineering Manager*
Zeke Bardwell *Inspector*
Joshua Hogge, PE *Engineer*
Briant Jacobs, PE *Engineer*
Shane McFarland, PE, CFM *Engineer*
Marc Montgomery *Inspector*
Casey Potter, PE *Engineer*
Zachary Wofford, PE *Engineer*

STRATEGIC INITIATIVES

PC: Tracy Hess

CONSERVATION

David Rice *Conservation Division Manager*
HattieAnn Fassold *Garden & Education Coordinator*
Lucy Gelb *Conservation Program Analyst & GIS Specialist*
Brooke Henderson *Tour Guide*
Corinne Hoffmann *Tour Guide*
Michelle Pierce *Tour Guide*
Ashley Nay *Water Resource Environmental Analyst*
Abby Smith *Meter Technician*

INFORMATION SERVICES

Greg Pierce *Information Services Division Manager*
Michael Alverson *Systems Administrator*
Alex Baldwin *Application Developer*
Benjamin Krochmalski *GIS Specialist*
Talon Thurgood *SCADA Specialist*

SUSTAINABILITY

Meeting the needs of the present without compromising the ability of future generations to meet their needs

PC: Riley Olsen

Community Outreach

The Learning Garden is the center of water education and demonstration focused to reach water users and motivate positive change in water use behaviors. The District continues to offer in person and online classes and resumed hosting annual events. The first Spooktacular held this fall was a success and will become an annual event along with the Garden Fair in the spring.

Recreation

Lost Creek Reservoir, pictured above, was added to Utah's extensive list of state parks. Lost Creek State Park is in primitive condition, yet the District, BOR, and State are working in collaboration to bring massive recreational improvements in the near future.

PC: Marissol Martinez

Watershed Tour

The District hosted over 100 guests at the biannual Watershed Tour, the largest tour to date. 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.

PC: Sam Sorensen

Watershed Protection

The District completed the Dalton Creek Culvert Fish Passage. District maintenance staff installed a culvert twice the size of the original and a series of nine step pools to bring the downstream channel up to the grade of the new outlet. The new fish passage greatly increases the stream connectivity and provides a spawning habitat for Bonneville Cutthroat Trout. This project was partially funded through a USBR WaterSmart grant and completed in cooperation with Trout Unlimited.

Drought Mitigation

District Water Supply & Power staff operated the four large pump stations within the Drought Relief System, including the pump station in Roy pictured on the right, which hasn't been utilized for approximately 15 years. Many extra hours were worked to ensure the system operated efficiently and correctly during this historic drought year. Staff also operated diesel pumps at the Willard #1 pump station, pictured below, in order to supplement the capacity of that pump station. The operation of this system allowed for the exchange of 15,000 AF of water from Willard Bay for water in Echo and East Canyon reservoirs, helping to secure a drinking water supply for 2022.

PC: Riley Olsen

PC: Riley Olsen

TAPPING INTO OUR PEOPLE

PC: Doug Parslow

Hiring Stats

Posted **23** positions
Processed **284** applications
Conducted **70** interviews
Promoted **7** employees to different positions
Hired **12** new full-time employees
Hired **13** seasonal employees
Hired **2** interns

Training

The District's annul water treatment and distribution operator training is offered statewide at no cost and had 70 attendees this year. This training helps keep qualified, educated operators at the controls of water treatment and delivery for all our communities.

District staff completed over 270 hours of training, and the entire maintenance crew completed the OSHA Construction Training Program.

Accomplishments

This year the District implemented the TARP safety incentive program with Utah Local Government Trust. Participating departments include Maintenance, M&I, WS&P, and Conservation. The program encourages and rewards staff who work in the field to prioritize and practice safety.

The District continues to receive awards for Best Tasting Water. This year AWWA-IMS awarded the District the best tasting groundwater in all of Utah and southeast Idaho.

Core Values

This year the District focused on the core value Professionalism. Along with competence and good judgment, professionalism is behavior expected from persons trained to do a job. We must remember our industry is life sustaining water and, therefore, must maintain the legacy of professionalism the public servants before us created.

C.O.M.P.A.S.S.
Our Values Guide Our Success

PC: Derek Johnson

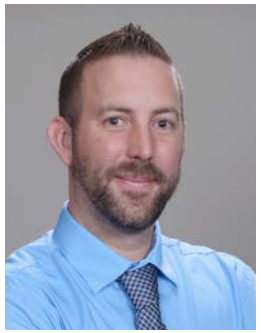
HONORING OUR EMPLOYEES

PC: Jason Kim

Employees of the Year

Chad Montgomery
Powerplant Operator & Dam Tender

Lucy Gelb
Conservation Program Analyst & GIS Specialist



Mitch Sorenson
Solids Handling Specialist

Years of Service Awards

5 Years
Calysta Bravo
Kelly Holmes
Riley Olsen
Talon Thurgood
Marlin Jensen

10 Years
Kathryn Wood

15 Years
Aaron Pearce
Nate Frew

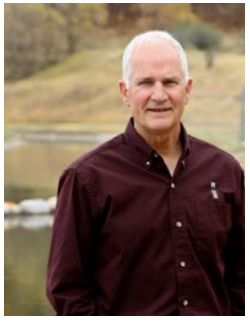
20 Years
Brad Nelson
Jason Obray
Tage Flint

Retirements

Robert Bart Fearn

Clay Schmalz

Russell Fearn

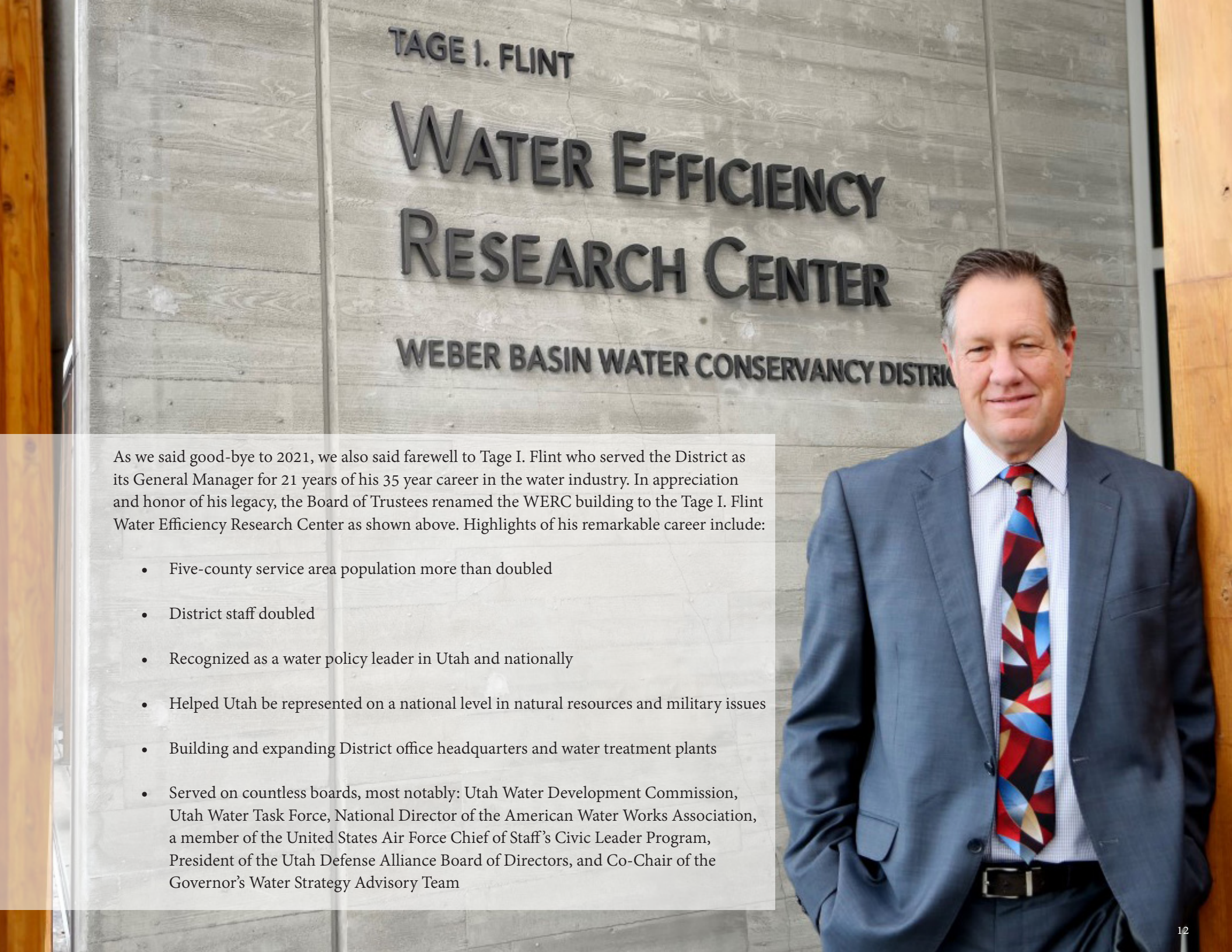


Chris Hogge

Gary Allen

Rebecca Delius

Tage Flint



As we said good-bye to 2021, we also said farewell to Tage I. Flint who served the District as its General Manager for 21 years of his 35 year career in the water industry. In appreciation and honor of his legacy, the Board of Trustees renamed the WERC building to the Tage I. Flint Water Efficiency Research Center as shown above. Highlights of his remarkable career include:

- Five-county service area population more than doubled
- District staff doubled
- Recognized as a water policy leader in Utah and nationally
- Helped Utah be represented on a national level in natural resources and military issues
- Building and expanding District office headquarters and water treatment plants
- Served on countless boards, most notably: Utah Water Development Commission, Utah Water Task Force, National Director of the American Water Works Association, a member of the United States Air Force Chief of Staff's Civic Leader Program, President of the Utah Defense Alliance Board of Directors, and Co-Chair of the Governor's Water Strategy Advisory Team

FINANCE & ECONOMICS

Statement of Net Position

Fiscal Year Ended June 30, 2021

ASSETS:	
Current Assets	$95,796,219
Sinking Fund & Reserve Assets	51,694,448
Capital Assets (Net)	336,213,112
Deferred Outflow of Resources	2,058,097
TOTAL ASSETS & DEFERRED OUTFLOWS	**$485,761,876**
LIABILITIES & NET POSITION:	
Current & Other Liabilities	$20,569,465
Long-Term Liabilties	178,014,013
Deferred Inflow of Resouces	12,860,455
Net Position	274,317,943
TOTAL LIABILITIES & NET PSOTISTION	**$485,761,876**

Statement of Sources and Uses of Funds

Fiscal Year Ended June 30, 2021

RECEIPTS:	
Water Sales	$36,053,085
Taxes & Fee-in-lieu of taxes	11,286,610
Interest	881,268
Miscellaneous	15,803,808
Net Use of Loan/Bond Proceeds	29,833,680
TOTAL RECEIPTS:	**$93,858,451**
EXPENDITURES:	
Operating Expenses	$24,521,183
Federal facilities R&R	14,105,388
Interest Expense	4,297,918
Loan & Bond Payments	27,641,349
Capital Improvements	18,929,786
Miscellaneous	221,752
Additions to Reserves	4,141,075
TOTAL EXPENDITURES:	**$93,858,451**

Financial Audit

The District received an unmodified opinion on its audit this year, scoring a “very low” risk level on the state fraud risk assessment.

The District collected $64 million in revenues in FY2021. Expenditures totaled $74.1 million, excluding the $19.7 million in bond refundings. Expenditures included $33 million in capital improvement projects and federal facility repair and replacement. The difference between revenues and expenses was made up from the use of available bond funds from the 2019 bond issue.

2021 Bond Issue

In January 2021, the District took advantage of historically low interest rates in the municipal bond market. The 2012A and 2013B bonds were refunded providing a net present value savings of over $3.5 million. After analysis, the District concluded to also issue $25 million in revenues bonds eight months ahead of schedule to capitalize on rates. The bonds carried a true interest cost of 2.94% and will be used to fund projects such as the aqueduct parallel pipeline, reuse, and the conversion of Farmington 1 well.

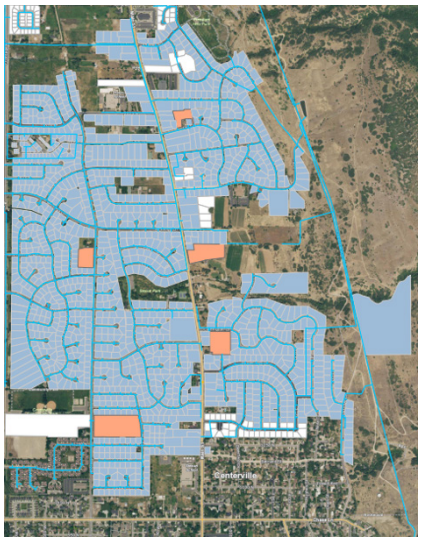
INFRASTRUCTURE HIGHLIGHTS

PC: Jacob Jaques

Causey Small Hydro Project

- Installation of draft tube, piping, turbine, bypass valve, and electrical components performed by District staff
- Installation of turbine increased capacity by 92 kilowatts – enough energy to power 30 to 40 homes annually
- Partially funded through USBR WATERSMART grant
- Allows District to harness energy available from winter fish flows that larger turbines cannot use

Centerville City Meter Project



- Installation of 1,400 secondary meters
- Partial funding through two USBR WATERSMART grants
- Comprised nearly the entire District service area in Centerville
- One of the largest single meter projects to date

Willard #1 Pump Station Repairs

- Facilitated rehabilitation of two large pumps and motors
- Dredging of inlet pump station increased life expectancy
- Coordinated work with various contractors on motors, shafts, and impellers

East Canyon & Echo Dam Operations

- Contract signed transferring operations of East Canyon Dam to the District
- Take over of operations and maintenance at Echo Dam and Bountiful City's Power Plant
- Weber Basin now responsible for the operations of all major dams on the Weber River and its tributaries

Layton Canal Relocation Project

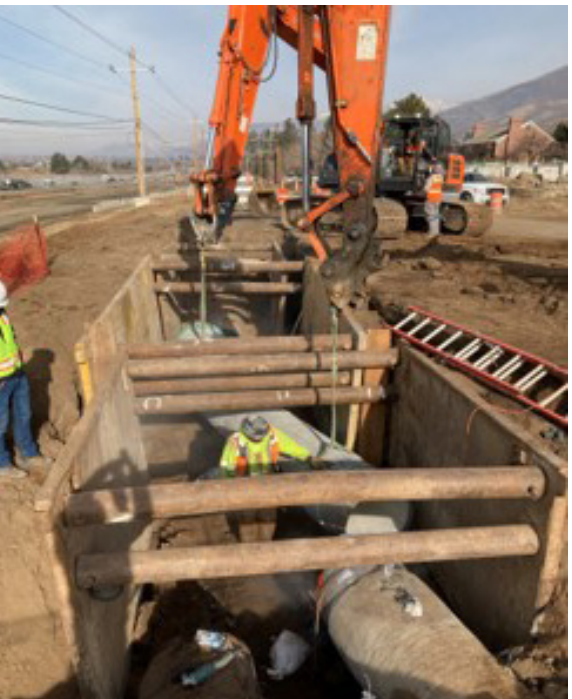
- Allows UDOT to construct the West Davis Corridor in this area
- Installation of two miles of 54" HDPE Pipeline and Meter Vaults
- Included three 60" bored crossings of roadways

Wanship Pipeline Replacement

- Replaced existing steel pipeline with new welded steel pipeline
- Coordination with BOR and West Wanship Irrigation Company
- Summer construction facilitated by installing temporary HDPE bypass pipeline

Highway 89 Secondary Pipeline Relocation & Aqueduct Protection

- Design and relocation of six major secondary laterals
- Pipes upsized to maintain hydraulic capacity
- Backfilled with lightweight cellular concrete to mitigate increased fills and traffic loads
- 36” welded steel culinary pipeline installed



Flip Your Strip

Get paid to tear out that unattractive park strip and plant a landscape that is water-wise and beautiful. The District is funding and administering the Flip Your Strip program. Before residents are able to participate, cities must adopt water-wise landscape ordinances that comply with District conservation. Once the ordinances are put in place, residents sign up using the online application process in coordination with Utah Water Savers and Jordan Valley Water Conservancy District. The participant is required to attend a Flip Your Strip prerequisite class designed to help guide the flipping process and give participants the right tools they need to be successful installing a new park strip.

This year Layton, Riverdale, Washington Terrace, and Clearfield cities adopted new ordinances, and residents in these cities are eligible for the program. Many other cities are in the process to meet the requirements and will be qualified soon. The average rebate per participant is $685.00.

Water Conservation & Management Plan

In order to ensure efficient use of our water resources through 2060, the District has completed much research and worked with its customer agencies and industry experts to develop a water conservation and management plan. Potential conservation measures were screened for appropriateness to the area, evaluated and ranked by the District, and formed into programs. Project partners included Bureau of Reclamation, Brown & Caldwell, and Maddaus Water Management Inc.

Localscapes®

Landscape for where you live.

Localscapes Incentives

The purpose of this pilot project, with Ivory Homes, is to evaluate the effectiveness of incentives given to a builder or developer to install a Localscape from the beginning of development. The Localscape approach is a series of landscaping patterns and practices that takes into account Utah's unique climate. It's good landscape design, simplified. Visit localscapes.com for more information.

Climate Variability Study

This study was conducted in collaboration with Utah State University, University of Utah, and Western Water Assessment. The study assessed the wide range of potential hydrologic impacts to the Weber drainage that may result due to a changing climate. The study specifically addressed future precipitation, temperatures, annual streamflow, future potential evapotranspiration, and water use. This was a critical project in the drought contingency plan, facilitating better drought resiliency.

NRCS Partnering

The District partnered with New Field North Bench Irrigation Company to sponsor a Watershed Plan EA for the Natural Resources Conservation Service. This is aiding the rehabilitation of four dams in the Uintahs as well as piping several miles of open ditches in the valley.

Learning Garden Signs

The District updated the signage in the Water Conservation Learning Garden. Signs will help navigate a self-guided tour for visitors and give additional information at each garden feature. Plant identification tags were also updated to include QR codes that take the visitor to our website detailing more information about individual plants.

PC: Alex Baldwin

2021 BY THE NUMBERS

2,150
Class Attendees

325,000
Gallons of Treatment Chemicals Used

17 billion
Gallons of Total Water Delivered

700,000
People Served

2,500
Students Attended Virtual and in Person School Tours

870,000 lbs
Salt Used to Make Chlorine

10,000
Lab Samples Processed

650 tons
Treatment Solids Hauled

12,000
Total Secondary Meters Installed

$3.8 billion
Facilities Protected and Maintained

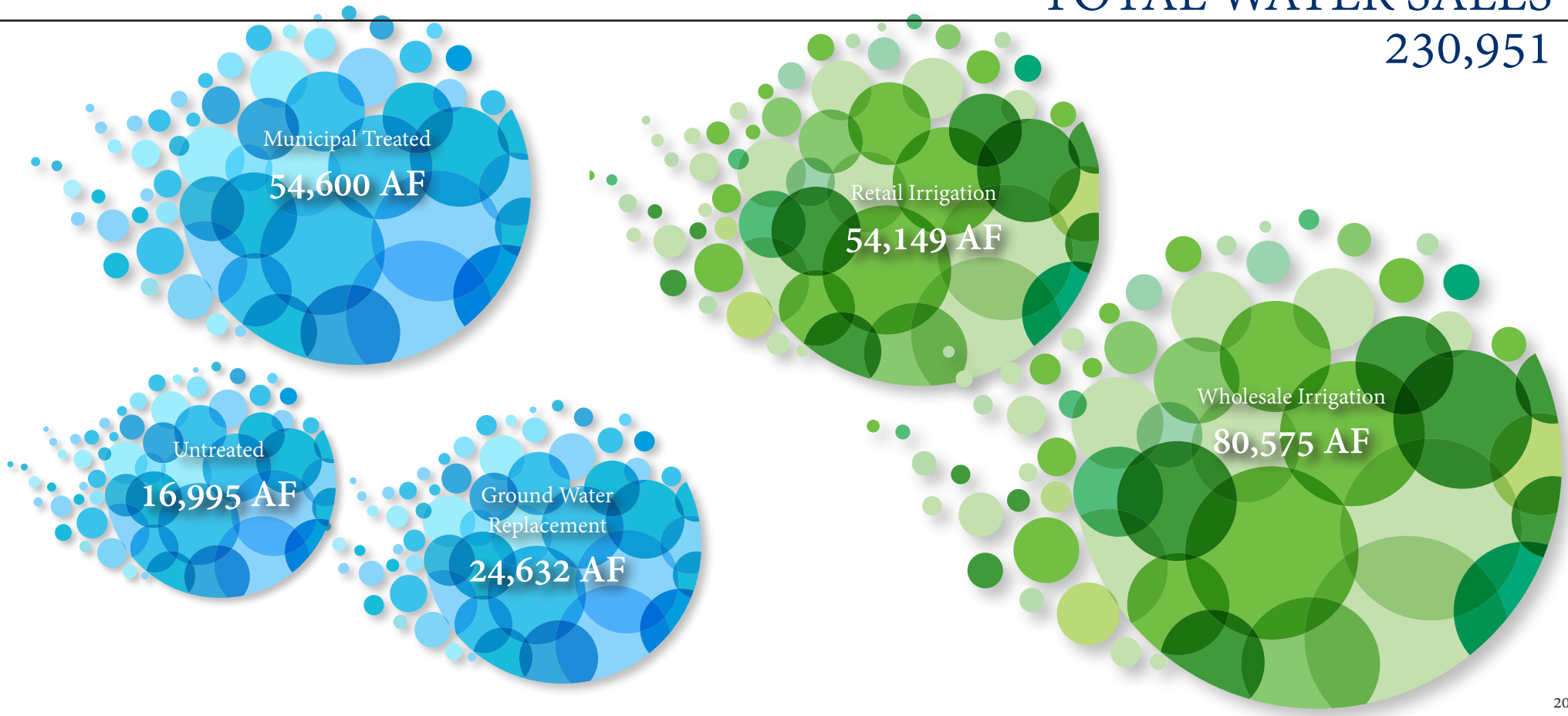
365 days
Facilities Were in Operation

$200,000
Smart Controller and Toilet Rebates

PC: Briant Jacobs

TOTAL WATER SALES

230,951



SUMMARY OF IRRIGATION WATER CONTRACTS - AF

Contracting Entity	Contract Amount	Delivery Drought Loss	Net Useable
Benchland Irrigation	4,975	1,493	3,483
Bountiful Sub Water District	17,500	5,250	12,250
Centerville Duel Creek	2,891	867	2,024
Chalk Creek Irrigation	643	193	450
CO-OP Farms Irrigation	300	90	210
Croyden Irrigation	450	135	315
Davis & Weber Counties Canal	1,025	308	717.5
Downs Creek Irrigation	100	30	70
East Porterville Irrigation	200	60	140
East Wanship / Gibbons & Pace	100	30	70
Eden Irrigation	1,200	360	840
Emmertsen Irrigation	100	30	70
Felt, Peterson, Slater Irrigation	100	30	70
Haights Creek Irrigation	7,008	2,102	4,906
Hill A.F.B. Golf Course	640	192	448
Hill Field At 193	139	42	97
Hooper Irrigation	5,663	1,699	3,964
Huntsville Irrigation	600	180	420
Huntsville So Bench Irrigation	600	180	420
Kays Creek Irrigation	2,000	600	1,400
Kaysville Irrigation	1,691	507	1,184
Lagoon Amusement Park	225	68	158
Layton Canal & Irrigation Co.	5,491	1,647	3,843
Littleton-Milton Irrigation	300	90	210
Middle Fork Irrigation	830	249	581
Mountain Valley Canal Irrigation	1,297	389	908
Mountain View Irrigation	205	62	144
North Morgan Irrigation	160	48	112
North Round Valley	150	45	105
North Salt Lake (Foxboro)	800	0	800
Oakridge Country Club	500	150	350
Ogden River Water Users Association	3,705	1,112	2,594
Peterson Irrigation	614	184	430
Pintail Duck Club	100	30	70
Roy Water Conservancy District	365	110	256
Salmaho Irrigation	167	50	117
So. Davis County Water Improvement District	3,210	963	2,247
South Morgan Water Company	400	120	280
South Ogden Conservation District	2,345	704	1,642
South Weber Water Improvement District*	1,567	60	1,507
Sun Hills Golf Course	496	149	347
Syracuse City	1,146	344	802
Uintah Mountain Streams	200	60	140
Valley View Golf Course	370	111	259
Warren Irrigation	700	210	490
Weber Basin Job Corps	300	90	210
Weber-Box Elder Conservation District	4,323	1,297	3,026
Weber Canal Company	200	60	140
Welch Field Ditch	240	72	168
West Bountiful Golf	294	88	206
West Hoytsville Irrigation	300	90	210
West Wanship Irrigation	150	45	105
Wilson Irrigation	1,500	450	1,050
Subtotal	**80,575**	**23,522**	**57,052**
Retail Irrigation Water Sales	54,149	16,245	37,904
Totals	**134,724**	**39,767**	**94,957**

*Contract is a D&W stock exchange (370.5 D&W shares) • D&W issued 3.69 AF of water per share in 2021 (6 AF/share was issued in 2020).
The following entities added to their contract during 2021: Davis & Weber Counties Canal (40.3) Mountain View Irrigation (51.9) South Weber Water Improvement District (200.0) Syracuse City (156.2) Weber-Box Elder Conservation District (68.76)

SUMMARY OF M&I WATER CONTRACTS - AF

UNTREATED WATER

CONTRACTING ENTITY	CONTRACT AMOUNT
BIG WEST OIL	100.00
CHEVRON, USA	1,200.00
GREAT SALT LAKE MINERALS	7,980.00
MOUNTAIN REGIONAL SSD	2,100.00
NORTH SALT LAKE CITY	38.00
OGDEN CITY	1,500.00
PARK CITY	2,900.00
PARSONS	22.00
SUMMIT WATER DIST. COMPANY	1,150.00
TESORO	5.00
TOTAL UNTREATED	**16,995.00**

TREATED WATER

CONTRACTING ENTITY	CONTRACT AMOUNT
DAVIS COUNTY	
BOUNTIFUL CITY	1,000.00
CENTERVILLE CITY	500.00
CHEVRON, USA	2,000.00
CLEARFIELD CITY	5,348.00
CLINTON CITY	1,630.00
FARMINGTON CITY	501.00
FRUIT HEIGHTS CITY	745.00
GENEVA ROCK	44.00
HILL AIR FORCE BASE	1,018.79
KAYSVILLE CITY	2,500.00
LAYTON CITY	7,329.00
MIDA-FALCON HILL	15.00
MUTTON HOLLOW WID	220.00
NORTH SALT LAKE CITY	2,015.00
SOUTH DAVIS COUNTY WID	360.00
SOUTH WEBER CITY	1,131.71
SUNSET CITY	1,400.00
SYRACUSE CITY	1,925.00
TESORO	5.00
WASATCH INTEGRATED WASTE MGMT	10.00
WEBBS CANYON WATER COMPANY	9.00
WEBER BASIN JOB CORP	60.00
WEST BOUNTIFUL CITY	750.00
WEST POINT CITY	700.00
WOODS CROSS CITY	100.00
TOTAL DAVIS COUNTY	**31,316.50**

TREATED WATER CONT.

CONTRACTING ENTITY	CONTRACT AMOUNT
MORGAN COUNTY	
REPLACEMENT WATER	4,596.65
SUMMIT COUNTY	
REPLACEMENT WATER	12,851.50
WEBER COUNTY	
SILVERLINE	5.00
BONA VISTA WATER IMP. DIST	3,786.00
GREAT SALT LAKE MINERALS	850.00
HOOPER WATER IMP. DISTRICT	108.1
MJK FABRICATION	5.00
OGDEN CITY	7,000.00
PLEASANT VIEW CITY	275.00
RIVERDALE CITY	1,165.00
ROY CITY	3,263.00
SOUTH OGDEN CITY*	785.00
TAYLOR-WEST WEBER WID	847.46
UINTAH HIGHLANDS WID	247.00
UINTAH CITY	468.00
WASHINGTON TERRACE CITY	1,000.00
WEBER COUNTY-MOULDING	5.00
WEST WARREN- WARREN WID	534.20
WESTERN BASIN WATER COMPANY	2,380.00
WESTERN ZIRCONIUM	560.00
REPLACEMENT WATER	7,183.48
TOTAL WEBER COUNTY	**23,283.76**

TOTAL REPLACEMENT WATER	**24,631.63**
TOTAL TREATED WATER	**54,600.26**
TOTAL UNTREATED & TREATED	**96,226.89**

* Amount of Burch Creek water treated for South Ogden City: 670.56 acre-feet
* Amount of Holmes Creek water exchanged for Kaysville City: 356.06 acre-feet
* Amount of share water exchanged for Riverdale City: 0 acre-feet

The following entities added to their contracts during 2021: MIDA-Falcon Hill (5.0),Taylor-West Weber (132.75), South Weber City (27.45), West Warren - Warren WID (15.75), Hooper WID (6.8)

PROJECT POWER OPERATIONS

PEAK PROJECT POWER LOAD - KW

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Peak Power Load (KW)	2,451	2,529	2,454	3,716	5,712	10,855	12,929	12,637	11,137	4,685	3,410	3,400†

PROJECT POWER GENERATION - KWH

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	**Total**
*Net Generation Causey Plant	-20,300	-17,600	21,100	5,700	436,600	336,300	382,500	155,000	93,300	30,700	-7,500	-11,200	**1,404,600**
Net Generation Gateway Plant	-13,920	-11,280	-12,240	-9,440	533,740	815,640	586,800	601,160	144,600	-11,400	-14,480	-15,520	**2,593,660**
Net Generation Wanship Plant	-19,685	-17,140	-18,300	-14,150	841,000	813,900	617,900	403,100	72,400	-13,100	-11,600	-13,500	**2,640,825**
Total Output	-53,905	-46,020	-9,440	-17,890	1,811,340	1,965,840	1,587,200	1,159,260	310,300	6,200	-33,580	-40,220	**6,639,085**
Project Use	1,651,507	1,498,366	1,239,725	1,713,113	3,087,865	6,770,090	8,598,884	7,960,690	4,751,735	2,407,133	1,927,634	1,880,000†	**43,486,742**
Delivered to CRSP	-1,685,112	-1,526,786	-1,270,265	-1,736,703	-1,713,125	-5,140,550	-7,394,184	-6,956,430	-4,534,735	-2,431,633	-1,953,714	-1,909,020	**-38,281,277**

* Not Added to CRSP

WATER USED FOR POWER GENERATION - AF

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Causey	0	0	428	229	2,734	2,291	3,026	1,569	958	445	143	75	**11,898**
Gateway	0	0	0	0	4,658	7,350	5,380	5,470	1,438	0	0	0	**24,296**
Wanship	0	0	0	0	8,450	10,348	8,800	5,662	1,382	0	0	0	**34,642**
Total	**0**	**0**	**428**	**229**	**15,842**	**19,989**	**17,206**	**12,701**	**3,778**	**445**	**143**	**75**	**70,836**

† Estimated

RESERVOIR OPERATIONS

Storage Content as of Last Day of Month - AF

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Causey	3,695	3,748	4,253	5,640	6,857	5,880	3,774	3,059	2,758	3,105	3,500	3,786
East Canyon	29,410	30,550	32,950	35,470	35,760	31,630	25,250	21,630	20,170	21,650	22,870	24,090
Echo	24,130	27,240	31,560	33,100	33,000	23,960	14,270	10,810	8,210	12,410	16,405	20,010
Lost Creek	12,095	12,277	12,680	13,410	13,240	11,570	9,290	7,340	6,322	6,530	6,680	6,890
Pineview	52,790	56,180	60,310	64,610	60,520	46,530	31,260	21,550	17,020	19,440	21,310	23,410
Smith-Morehouse	1,780	1,805	1,825	2,682	4,219	3,962	3,255	4,473	4,632	5,427	6,109	6,261
Wanship	32,140	34,130	37,800	39,670	33,780	26,140	18,300	16,440	15,840	19,270	21,570	24,280
Willard	136,739	141,595	146,257	143,681	135,547	120,509	103,471	86,595	74,703	76,844	75,375	77,517
Total	**292,779**	**307,525**	**327,635**	**338,263**	**322,923**	**270,181**	**208,870**	**171,897**	**149,655**	**164,676**	**173,819**	**186,244**

Total Releases - As Of The Last Day Of The Month - AF

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Causey	496	448	476	229	2,749	2,291	3,026	1,569	1,055	589	463	437	13,829
East Canyon	484	487	565	508	3,434	5,926	7,640	5,945	2,512	436	329	349	28,616
Echo	-	-	-	2,016	11,610	18,850	18,150	11,602	7,354	-	-	-	69,582
Lost Creek	496	448	496	480	1,618	2,132	2,391	2,309	1,400	341	336	347	12,794
Pineview	772	734	720	1,786	11,334	16,501	17,535	12,666	6,090	756	588	630	70,112
Smith-Morehouse	360	300	388	496	7,400	3,880	1,320	830	420	434	420	434	16,682
Wanship	1,550	1,388	1,550	1,527	11,226	11,405	10,295	6,791	3,443	1,551	1,502	1,500	53,727
Willard	570	464	526	2,878	2,904	3,158	9,148	9,016	3,644	1,178	1,140	1,134	35,760
Total	**4,728**	**4,269**	**4,722**	**9,920**	**52,274**	**64,144**	**69,505**	**50,728**	**25,918**	**5,284**	**4,778**	**4,832**	**301,102**

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

MONTH	WEBER SOUTH PLANT TOTAL MONTHLY PRODUCTION	WEBER SOUTH PLANT % OF PLANT CAPACITY	DAVIS NORTH PLANT TOTAL MONTHLY PRODUCTION	DAVIS NORTH PLANT % OF PLANT CAPACITY	DAVIS SOUTH PLANT TOTAL MONTHLY PRODUCTION	DAVIS SOUTH PLANT % OF PLANT CAPACITY	PRODUCTION TOTAL OF ALL TREATMENT PLANTS	PRODUCTION TOTAL OF ALL WELLS	GROSS TOTAL PRODUCTION OF WELLS & TREATMENT PLANTS
JAN	1000.93	33.36%	741.40	17.24%	254.81	16.44%	1,997.14	977.44	2,974.58
FEB	855.56	28.52%	815.46	18.96%	242.78	15.66%	1,913.80	848.16	2,761.96
MAR	933.33	31.11%	1233.93	28.70%	313.19	20.21%	2,480.45	509.61	2,990.06
APR	948.15	31.60%	1089.94	25.35%	328.47	21.19%	2,366.57	583.68	2,950.25
MAY	1008.33	33.61%	1619.73	37.67%	520.58	33.59%	3,148.65	1,279.96	4,428.61
JUN	612.96	20.43%	2001.41	46.54%	470.45	30.35%	3,084.83	2,334.92	5,419.75
JUL	746.30	24.88%	1481.75	34.46%	424.00	27.35%	2,652.04	3,019.82	5,671.86
AUG	710.19	23.67%	938.74	21.83%	399.61	25.78%	2,048.53	2,595.46	4,643.99
SEP	722.22	24.07%	1263.92	29.39%	341.94	22.06%	2,328.08	2,047.89	4,375.97
OCT	640.74	21.36%	1271.64	29.57%	242.44	15.64%	2,154.82	1,000.52	3,155.34
NOV	448.15	14.94%	1241.37	28.87%	269.22	17.37%	1,958.74	985.37	2,944.11
DEC	582.41	19.41%	923.57	21.48%	323.42	20.87%	1,829.40	1,232.50	3,061.90
TOTAL	9,209.26		14,622.87		4,130.92		27,963.04	17,415.33	45,378.37

PERCENT OF INDIVIDUAL PLANT PRODUCTION COMPARED TO TOTAL PLANT PRODUCTION:

	PRODUCTION	% OF TOTAL
WEBER SOUTH PLANT	9,209.26	32.93%
DAVIS NORTH PLANT	14,622.87	52.29%
DAVIS SOUTH PLANT	4,130.92	14.77%
TOTAL	27,963.04	100.00%

PERCENT OF PRODUCTION COMPARED TO TOTAL PLANT AND WELL PRODUCTION:

	PRODUCTION	% OF TOTAL
WEBER SOUTH PLANT	9,209.26	20.29%
DAVIS NORTH PLANT	14,622.87	32.22%
DAVIS SOUTH PLANT	4,130.92	9.10%
WELLS	17,415.33	38.38%
TOTAL	45,378.37	100.00%

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	12,237ACRE-FEET	90,470 GPM

WATER PUMPED FROM WELLS - AF

CULINARY WELLS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
BEN LOMOND	0	0	0	0	0	0	53.68	91.77	104.55	27.86	0	0	277.86
CLEARFIELD #1	0	0	0	0	0	0	0	0	0	0	0	0	0
CLEARFIELD #2	38.21	0	0	0	125.56	279.67	288.85	263.25	64.62	0	0	35.9	1,096.06
DISTRICT WELL #2	0	0	0	12.82	394.37	296.42	285.49	158.35	0	0	0	0	1,147.45
DISTRICT WELL #3	0	0	0	0	0	451.99	493.78	467.58	479.54	62.95	0	0	1,955.84
FAIRFIELD	575.81	523.5	298.65	529.04	271.04	93.4	566.4	360.46	370.21	75.74	0	463.65	4,127.9
LAYTONA	248.44	151.29	0	0	0	0	0	0	0	0	0	0	399.73
NORTH OGDEN	0	0	0	0	0	57.3	57.89	83.76	73.9	33.91	0	0	306.76
ORCHARD DR.	0	0	0	0	0	4.13	16.46	13.71	7.54	0	0	0	41.84
RIVERDALE	0	0	0	0	186.3	273.77	386.22	358.08	152.89	87.03	301.83	91.03	1,837.15
SOUTH DAVIS	0	0	0	0	0	252.67	279.39	234.6	259.34	270.09	232.21	260.62	1,788.92
SOUTH WEBER #1	0	84.58	128.53	38.08	298.02	416.6	396.84	366.27	409.91	398.65	416.48	279.08	3,233.04
SOUTH WEBER #2	0	0	12.74	0	0	62.11	0	0	0	0	0	0	74.85
DAVIS BOULEVARD	114.98	88.79	69.69	3.74	4.67	99.42	102.73	102.42	95.71	44.29	34.85	102.22	863.51
NORTH WEBER	0	0	0	0	0	47.44	92.09	95.21	29.68	0	0	0	264.42
TOTAL	977.44	848.16	509.61	583.68	1,279.96	2,334.92	3,019.82	2,595.46	2,047.89	1,000.52	985.37	1,232.5	17,415.33

IRRIGATION WELLS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Farmington Well #1	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Farmington Well #2	0	0	0	0	0	17.4	96.4	31.1	26.1	0	0	0	171.00
Mills Park Well	0	0	0	0	25.4	86.8	72.8	16.5	16.9	0	0	0	218.33
Washington Terrace Well	0	0	0	0	215.0	213.8	229.8	235.4	183.7	0	0	0	1,077.68
West Bountiful 5th South	0	0	0	0	0	73.8	112.7	13.2	0	0	0	0	199.75
West Bountiful Golf Well	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL	0	0	0	0	240.4	391.8	511.6	296.3	226.7	0	0	0	1,666.76

These wells are some of the facilities which are operated by project generated power.

WEBER BASIN WATER PRINCIPAL INFRASTRUCTURE

DAMS & RESERVOIRS

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

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
Ogden Valley	South Fork of Ogden River	2,000	1962-1964
Slaterville	Weber River west of Ogden	9,000	1956-1957
Stoddard	Weber River north of Morgan	6,000	1955-1956

HYDRO GENERATION POWER PLANTS

Name	Location	Type	Capacity (kw)	Acquisition Dates
Causey	Eastern Weber County	2 unit	2,100	1999-2000
Gateway	Mountain Green	1 unit	4,275	1957-1958
Wanship	Wanship	1 unit	1,950	1957-1958

CANALS, TUNNELS & PIPELINES

Name	Location	Type	Capacity (cfs)	Length (miles)	Acquisition Dates
Davis Aqueduct	Davis County	Concrete pipe	355	23.0	1954-1957
Gateway Canal	Morgan County	Concrete-lined	700	8.5	1954-1956
Gateway Tunnel	Morgan and Davis County	Concrete-lined	435	3.3	1952-1954
Layton Canal	Davis County	Earth-lined/concrete-lined/pipe	260	18.0	1962-1964
M&I Pipelines	Davis and Weber County	Varies 6”-48”	varies	80.0	1955-2012
Ogden Valley Canal	Weber County	Part earth-lined	35	9.2	1962-1964
Secondary Pipelines	Davis and Weber County	Varies 2”-36”	varies	325.0	1955-2012
Weber Aqueduct	Weber County	Concrete pipe	80	5.0	1954-1956
Western Summit County	Summit County	Ductile Iron	8.9	9.0	2013
Willard Canal	West Weber County	Earth-lined/concrete-lined	1,050	11.0	1961-1963

WEBER BASIN WATER PRINCIPAL INFRASTRUCTURE

PUMPING PLANTS

Name	Location	Capacity (cfs)	Height of Lift (ft)	Acquisition Dates
Antelope Booster	Layton	22	50	1978
East Bountiful	Bountiful	18	475	1955
East Layton	Layton	9	65	1955
Gateway	Mountain Green	150	150	1995
Kanesville #1	West Haven	3	218	2000
Kanesville #2	West Haven	10	315	2001
Layton Canal	West Haven	260	23	1955
Old Post Rd Booster	Ogden	6	200	1960
Rockport	Wanship	25	45	2009
Roy Drought Relief	Roy	150	340	1981
Sand Ridge East	Layton	9	92	1955
Sand Ridge West	Layton	15	138	1955
South Davis	Bountiful	18	530	1955
Unitah Bench	South Ogden	18	365	1955
Val Verda	Bountiful	6	240	1955
West Haven #1	West Haven	10	218	2003
West Haven #2	West Haven	8	230	2010
Willard #1	West Weber County	500	45	1960
Willard #2	West Weber County	250	20	1960

WATER TREATMENT PLANTS

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

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

UNDERGROUND WATER WELLS

Name	Location	Type	Capacity (cfs)	Acquisition Dates
Ben Lomond	Harrisville	M&I	1.8	2001
Clearfield #1	Clearfield	M&I	5.0	1961
Clearfield #2	Clearfield	M&I	5.0	1961
Davis Boulevard	Bountiful	M&I	2.2	2003
District Well #2	South Weber	M&I	11.0	1985
District Well #3	South Weber	M&I	10.0	1990
Fairfield	Layton	M&I	10.0	1992
Farmington #1	Farmington	Irrigation	5.0	1995
Farmington #2	Farmington	Irrigation	5.0	1996
Laytona	Layton	M&I	5.0	1958
Mills Park	West Bountiful	Irrigation	2.2	2011
North Ogden	North Ogden	M&I	1.8	1967
North Weber	Harrisville	M&I	1.6	2006
Orchard Dr. Well	Bountiful	M&I	0.8	1991
Riverdale	Riverdale	M&I	6.6	1960
South Davis	Woods Cross	M&I	5.2	1961
South Weber #1	South Weber	M&I	10.0	1962
South Weber #2	South Weber	M&I	10.0	1962
Washington Terrace	Washington Ter.	Irrigation	4.0	2013
West Bountiful 5th South	West Bountiful	Irrigation	4.0	1992
West Bountiful Golf	West Bountiful	Irrigation	2.0	1993

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