

# **Metropolitan Water District of Salt Lake & Sandy**



## **Annual Report 2022**

---



Prepared by Breana Jackson



# TABLE OF CONTENTS

Our Mission & Board

Meet our Management

Staff & Retirements

Letter from our General Manager

Performance

Financials

Impact

Looking Ahead

Contact Us

# OUR MISSION

The District is dedicated to providing high quality water and reliable services to our customers in a safe, timely, economical, and environmentally sensitive manner. We promote the wise, long-term, and sustainable use of water resources.

We accomplish this by effectively managing valuable resources, utilizing practical technologies, and providing employees with opportunities for growth and achievement.

# OUR BOARD

The District is citizen-administered through a Board of Trustees comprised of seven board members who serve four year terms. Five of the Trustees are appointed by the Salt Lake City Council and two Trustees are appointed by the Sandy City Council.

The Trustees representing Salt Lake City are Tom Godfrey, Patricia Comarell, John Mabey, Joan Degiorgio, and Cindy Cromer. The Trustees representing Sandy City are Don Milne, and John Kirkham.



**Tom Godfrey**  
Chair



**Don Milne**  
Vice Chair



**Patricia Comarell**  
Secretary



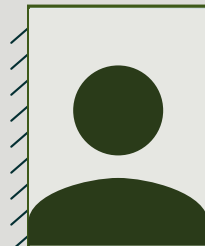
**Joan Degiorgio**  
Trustee



**John Mabey**  
Trustee



**John Kirkham**  
Trustee

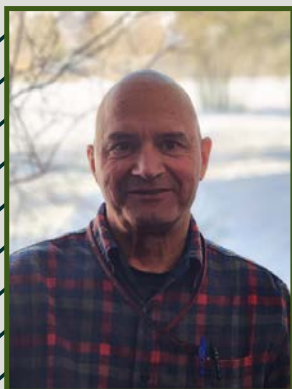


**Cindy Cromer**  
Trustee

# MEET OUR MANAGEMENT TEAM



**Michael DeVries**  
General Manager



**Matthew Tietje**  
Operations Manager



**Annalee Munsey**  
Assistant General Manager



**Wayne Winsor**  
Assistant General Manager  
& Chief Engineer



**Ryan Nicholes**  
IT Manager



**Cláudia Bauleth**  
Laboratory Manager



**Gordon Cook**  
Maintenance Manager

# STAFF

AS OF 12/31/22

<b>Alyssa Allen</b>	Laboratory Technician I	<b>Kimberly Matheson</b>	Facilities Technician
<b>Ammon Allen</b>	Engineering Supervisor	<b>Jacob McGill</b>	Water System Operator
<b>Blake Bowles</b>	Maintenance Technician III	<b>Brice Meier</b>	Water System Operator
<b>Russell Brusch</b>	SCADA Analyst	<b>Hal Miller</b>	Maintenance Technician III
<b>Blake Burch</b>	Maintenance Technician III	<b>Orlando Montoya</b>	Control Systems Technician
<b>Jimmy Cade</b>	Facilities Technician	<b>Kylon Neves</b>	Maintenance Lead
<b>Jimmy Cappel</b>	Water System Operator	<b>Gardner Olson</b>	Engineer II
<b>Michael Carter</b>	Fleet Administrator	<b>Skyler Passey</b>	Facilities Technician
<b>Scot Collier</b>	Instrumentation & Electrical Supervisor	<b>Ron Payne</b>	Water System Operator
<b>Joshua Croft</b>	Accountant	<b>Brian Pehrson</b>	Systems Administrator Enterprise
<b>Mac Ericksen</b>	Control Systems Technician	<b>Jonathan Peters</b>	Maintenance Lead
<b>Chad Fernelius</b>	Systems Administrator Enterprise	<b>Kenny Peterson</b>	Warehouse Administrator
<b>Mark Gonda</b>	Systems Administrator Enterprise	<b>Chrystle Poss</b>	IT Analyst
<b>Rikely Gonzales</b>	Water System Operator	<b>Alex Reidling</b>	Control Systems Technician
<b>Bret Goodwin</b>	Water System Operator	<b>Andy Reidling</b>	Water System Operator
<b>Jaden Hassell Camac</b>	Facilities Technician	<b>Augusto Robles</b>	Engineer I
<b>Jeremiah Hinrichs</b>	Water System Operator	<b>Brandon Rodeback</b>	Maintenance Technician II
<b>Colin Hirayama</b>	Chemist	<b>Chad Rose</b>	Aqueduct Inspector
<b>Michael Hone</b>	I&E Systems Integration Specialist	<b>Jared Rose</b>	SCADA Systems Administrator
<b>Breana Jackson</b>	Executive Assistant	<b>James Rowell</b>	Maintenance Technician II
<b>Dylan Jackson</b>	Maintenance Technician II	<b>Mark Sarvela</b>	Water System Operator
<b>Jon Jeffries</b>	Aqueduct Inspector	<b>Nathan Scown</b>	Assistant Operations Manager
<b>Booth Jenson</b>	Maintenance Technician II	<b>Sonya Shepherd</b>	HR Program Manager
<b>Darin Klemin</b>	IS & Cybersecurity Project Manager	<b>Steve Slack</b>	Assistant Maintenance Manager
<b>Matthew Marcek</b>	Facilities Supervisor	<b>Eric Sorensen</b>	Environmental Services Specialist
<b>Jerry Martinez</b>	Journeyman Electrician	<b>Vanessa Soto</b>	Laboratory Technician I
<b>Jeff Matheson</b>	Laboratory Supervisor	<b>Kelly Stevens</b>	Senior Engineer
<b>Jeff T. Matheson</b>	Maintenance Technician II	<b>Fred Strickland</b>	Warehouse Administrator

**Josie Taber** Chemist  
**Matthew Tietje** Operations Manager  
**Pat Tom** Water System Operator  
**Todd Tucker** Water System Operator  
**Ricardo Velez** Maintenance Technician III

**Darren Weller** Facilities Technician  
**Michael Whiteley** Senior Systems Administrator Enterprise  
**Tom Williamson** Facilities Technician  
**Taylor Workman** Water System Operator  
**Terry Worley** Aqueduct Inspector

# RETIREMENTS

In December of 2005, the District hired Michael Reese as an O&M Technician I. Shortly after Michael joined the Operations team where he worked until January 11, 2022 when he celebrated his well-earned retirement. Michael says he loved working at the District and was proud to be part of the team. He enjoyed working in such a beautiful scenery every day at the Little Cottonwood and Point of the Mountain Treatment Plants. Michael enjoys golfing and always took part in the District's golf tournament – a hobby he is thrilled to pursue even more during retirement. He was a wonderful source of encouragement, support, and knowledge during his time at the District.

Ken Fritz retired on April 15, 2022 after working at the District for over 40 years – the longest anyone has worked for the District! He started as a "Utility Man" in the Engineering department on June 14, 1981. During his time with the District he also worked as a Mechanic and General Repairman before becoming a Control Systems Technician for the I&E department in 2000 where he worked until he retired. During his 40 years with the District, Ken has worked under five different general managers, the first of which was Vaughn Wonnacott. We have enjoyed working with Ken for so much of his life and are grateful for his many years of dedicated service. He is looking forward to spending more time with his family and enjoying his hobbies.





# LETTER FROM OUR GM



Many things have evolved during my 25 years with the District, but our devotion to providing high-quality water in a reliable and environmentally sensitive manner has remained constant. This is accomplished through the efforts and resourcefulness of the District's staff and board.

The District continues to pursue water conservation efforts. The District received a grant from the American Rescue Plan Act (ARPA) to construct managed aquifer recharge (MAR) facilities at the Little Cottonwood Water Treatment Plant (LCWTP). These facilities will include an aquifer storage and recovery (ASR) well, five monitoring wells, and two surface infiltration basins. This infrastructure will allow the District to capture water rights in Little Cottonwood Creek during times of high runoff and store them in the aquifer for future withdrawal by the District and others in times of need.

The District also provided water supply to another water district significantly impacted by recent years' low snowpack. In 2020, the District entered into a water exchange agreement with Weber Basin Water Conservancy District ("Weber") and Provo Reservoir Water Users Company ("Company"). The water entities came together collaboratively to help Weber's water challenges. The Company agreed to sell District surplus water to Weber by accepting Provo River Project water in Deer Creek Reservoir from the District. In turn, the Company makes an equal volume of water available to Weber in Echo Reservoir for their use. This collaborated effort benefits all the entities involved by either providing additional revenues or water resources. Because this agreement was in place in 2022, the District provided 5,000 AF of water to Weber Basin Water Conservancy District.



The District completed and started many significant projects in 2022, including the Scrubber Building Remediation Project. The project included the remediation of two 400-square-foot scrubber buildings, one at LCWTP and another at Deer Creek Dam. Staff performed most work in-house, completing demolition at both locations in 2022. All work will be completed in early 2023.

In 2022, the District also successfully installed, tested, and completed the cutover of new generators. These generators include three sets, each capable of producing 1,000 kilowatts of power for a total of 3,000 kilowatts. The LCWTP now has ample, redundant backup power for winter and summer demand conditions. The District will sell the old generator at auction, and the building will be re-purposed as storage space for instrumentation and electrical equipment.

Together with the District's 2020 Master Plan and Capital Improvement Plan, the Multi-Hazard Mitigation Plan (MMP) will prioritize District projects and seek additional funding sources for said projects. The tremendous effort began in 2022 and will continue into 2023 when it will seek board approval. Upon completion and approval of the MMP, the District will be able to seek federal grants through the Building Resilient Infrastructure and Communities (BRIC) program, an opportunity for additional funding for capital projects over the next several decades.

The District is optimistic about the future, and I am confident its staff and board will continually support and implement its mission in all aspects of its work.

*Michael DeVries*  
*General Manager*

*Note: Michael DeVries retired from the District in June of 2023. We recognize the significant and positive impacts he had on the district, its policies, practices, and employees.*

# PERFORMANCE HIGHLIGHTS

In 2022, the District continued responding to economic conditions, started several projects, and maintained facilities and pipelines all while increasing staff-wide knowledge, education, and resources to better the District as a whole.

Drought conditions in 2022 continued to challenge the District to optimize source water and conserve when possible. Drought, compounded with the conveyance limits of the Little Cottonwood Water Treatment Plant (LCWTP), increased pumping and production at the Point of the Mountain Water Treatment Plant. Staff worked diligently to fine-tune treatment processes with energy conservation strategies to help relieve some of the strain.

## PROJECTS

The District completed one project and started two other projects in 2022. The LCWTP Standby Generator Replacement Project replaced a 23-year old generator with three twin 500kW generators. The Multi-Hazard Mitigation Plan identified the backup generators as the number one identified risk due to the potential loss of power to the plant.

To bolster water supply reliability and resiliency within Salt Lake County, Phase One of the Salt Lake Aqueduct Replacement Project (aka Cottonwoods Connection) commenced in 2022. This project will allow water in Big Cottonwood Creek to be treated at the LCWTP while the Big Cottonwood Water Treatment Plant is rebuilt.

The Managed Aquifer Recharge Design and Construction is an important capacity improvement project. The District received a grant through the American Rescue Plan Act to support the Managed Aquifer Recharge effort. This project will allow storage up to an estimated 29 acre feet of water each day for use during times of need.

The District received a grant through the American Rescue Plan Act to support the Managed Aquifer Recharge effort. This project will allow storage up to an estimated 29 acre feet of water each day for use during times of need.

## WORK ACTIVITY

The District obtained new equipment to increase efficiency. The Maintenance department procured an iron cutter which will allow staff to expedite cutting of precise metal pieces. A tire balancing machine was also procured so District staff can purchase tires at wholesale cost and bypass taking vehicles in for tire service.

Record high Blue Stake tickets (requests) were experienced eight months of the year in 2022: an increase of 12% from 2021 and over 75% increase from 2020. Staff was prompt and efficient with zero late tickets and zero incidents involving damage to the District's pipeline.

Also, an ongoing effort in hardening, upgrading, and implementing technology improvements to the District's technology landscape proved a hefty task. Staff diligently worked to ensure security on all technology platforms.

In anticipation of the revised lead and copper rule taking effect in 2024, the District has been working with Salt Lake City to discover lead service lines by testing samples collected from Salt Lake City homes for lead and copper. The District completed an on-site assessment of its lab performed by the Utah State Health Department in April of 2022. The certification officers review documentation, observe tasks, and ask staff questions. This assessment is performed every two years and like past years, the District was praised for a job well-done.

## EMPLOYEE DEVELOPMENT

In 2022, the District continued to support employee growth and development. Staff attended annual conferences such as the Utah Water Users Workshop, AWWA Intermountain Section Annual Conference, and the Water Quality Technology Conference. IT staff participated in a three-day cyber security conference to brush up on new technologies and strategies. The District also supports employee development through its Employee Education Assistance program. Three staff members took advantage of the program by pursuing post-secondary education courses. Moreover, managers supported staff in cross-training experiences which encouraged learning and understanding of other department's roles and responsibilities.

Many staff members attended an in-house HAZWOPER (Hazardous Waste Operations and Emergency Response) training to clearly understand the chemicals used in water treatment and emergency response to a release of these chemicals. All staff completed Incident Command Structure 100 training in 2022, a collective goal that was accomplished before the end of the year. There was a record increase in attendance at monthly training, averaging 93% of staff completing the training either in-person or virtually. A new addition to District Training was the Metro Mission Update: an opportunity for staff-wide understanding of how the District supports its mission on a daily basis.

In total, the District welcomed seven new staff members, celebrated 11 promotions, and added four new positions in 2022. All departments and staff play a vital role in executing the District's mission. This success would be unattainable without each person fulfilling their duties to the level of quality the District strives for. Together the District celebrates its accomplishments and manages its challenges, a resolution it plans to continue in 2023.

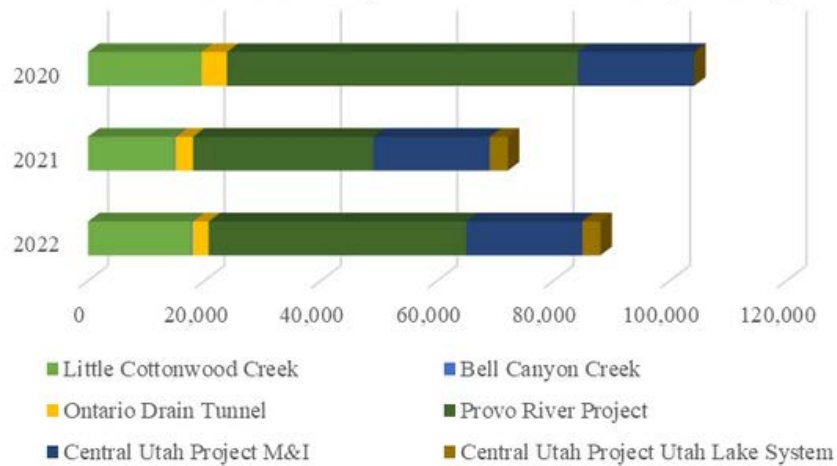


# FINANCIALS

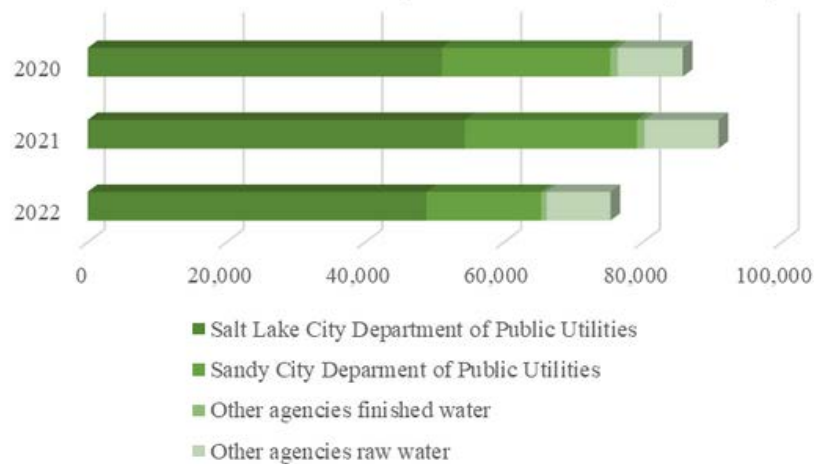
Balance Sheet Summary for fiscal years ended June 30th		
	2022	2021 (Restated)
<b>Assets</b>		
Current	\$ 96,172,168	\$ 73,492,020
Capital Assets	\$417,544,206	\$425,466,759
Deferred outflow of resources	\$ 19,494,231	\$ 21,698,617
Total assets and deferred outflow of resources	\$533,210,605	\$520,657,396
<b>Liabilities &amp; Net Assets</b>		
Current Liabilities	\$ 22,379,754	\$ 17,507,867
Long-term Liabilities	\$272,234,354	\$293,163,025
Deferred inflow of resources	\$ 17,824,228	\$ 1,615,894
Fund Net Assets	\$220,772,269	\$208,370,610
Total Liabilities & Net Assets	\$533,210,605	\$520,657,396
Income Statement for fiscal years ended June 30th		
	2022	2021
<b>Revenues</b>		
Water Sales	\$22,414,891	\$21,762,030
Water Treatment	\$ 1,290,843	\$ 1,396,310
Property Tax Revenues	\$13,229,145	\$13,042,683
Special Assessment Revenue	\$11,386,542	\$12,054,088
Other Revenues	\$ 563,214	\$ 535,670
Total Revenues	\$48,884,635	\$48,790,781
<b>Expenses</b>		
Cost of Sales and Services	\$13,735,321	\$13,165,963
General & Administrative	\$ 6,041,485	\$ 5,285,063
Depreciation & Amortization	\$11,047,487	\$10,915,668
Non-Operating Interest Expense	\$ 4,225,822	\$ 4,169,997
Other Non-Operating Expenses	\$ 486,923	(\$ 108,190)
Contributions to Other Governments	\$ 945,938	\$ 1,064,025
Total Expenses	\$36,482,976	\$34,492,526
Net Income	\$12,401,659	\$14,298,255

# 2022 IMPACT

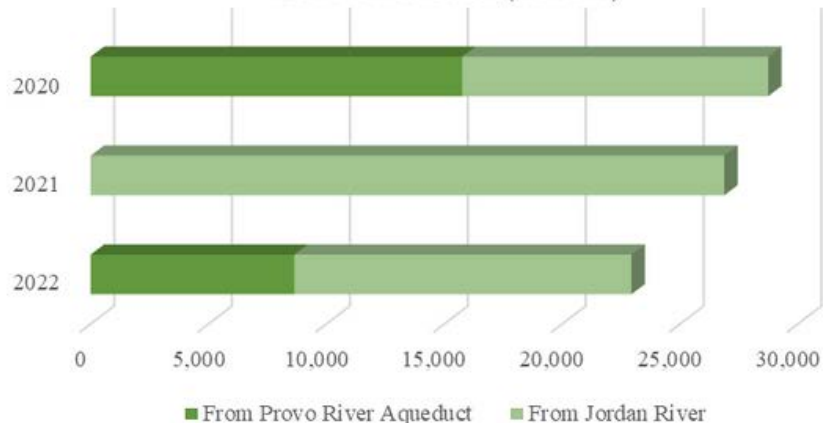
Water sources for water years ended October 31st (acre feet)



Water deliveries for fiscal years ended June 30th (acre feet)



Utah Lake Distributing Exchange Agreements for water years ended October 31st (acre feet)





# LOOKING AHEAD



In 2023, the District seeks to promote consistency, continue to develop opportunities for learning, advocate for ownership within departments, and help other departments excel in their responsibilities. To prepare for upcoming retirements, the groundwork is being set to fulfill leadership positions and give opportunities for staff to pursue career paths they're interested in. The District strives to promote practical experiences to ensure growth of individuals and departments as a whole.

Many projects will continue into 2023, including the Cottonwoods Connection project. New projects are being thoroughly researched and planned to promote the wise, long-term, and sustainable use of water resources. Further funding opportunities are being considered to ensure assets are being used responsibly and to the fullest extent.

The District looks forward to the opportunities brought by 2023 and will continue to strive for excellence in providing high quality water and reliable services to its customers.



# CONTACT US



801-942-1391



[www.mwdsls.org](http://www.mwdsls.org)



3430 E Danish Rd., Cottonwood Heights, UT 84093

# THANK YOU

A special thank you to District staff, customers, member cities, and neighbors for their cooperation, kindness, and resiliency. We are grateful for your continued support.



