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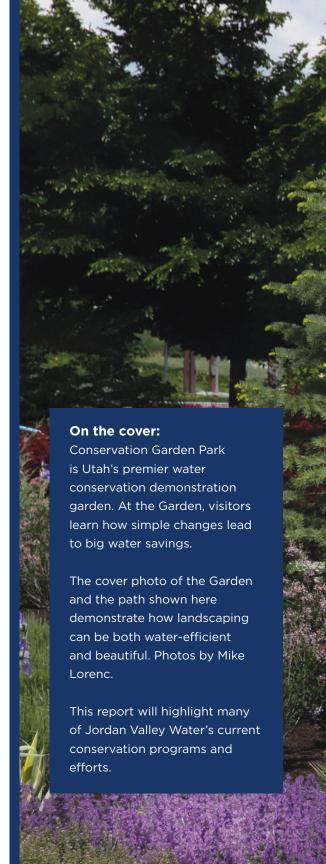
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Acronyms used in this publication:

AF: acre-feet
AMI: advanced metering infrastructure
JVWTP: Jordan Valley Water Treatment Plant
MGD: million gallons per day
SCADA: supervisory control and

data acquisition









Alan E. Packard

Assistant General Manager

Richard P. Bay General Manager Bart A. Forsyth

Assistant General Manager



Utah is one of the fastest growing states in the nation—with most of its growth happening right here along the Wasatch Front. As a regional water provider, Jordan Valley Water is tasked with planning for future water needs using a resource that is both finite and limited. We ultimately have two options:

1) encourage more people to use less water, or 2) develop new water from increasingly distant sources.

In recent years, our annual report has highlighted some of the challenges in meeting the needs of a growing population with aging infrastructure. While infrastructure is the backbone of any water agency in providing its important services, it is only valuable if we have water to deliver. This year our report will highlight some of Jordan Valley Water's current water conservation programs and review the various approaches we use to help our customers thoughtfully use this precious resource.

WHOLESALE MEMBER AGENCIES

City of Bluffdale

Mark Reid, City Manager Trustee Representative: Wm. Brent Johnson

Draper City

David Dobbins, City Manager Trustee Representative: Ronald E. Sperry

Granger-Hunter Improvement District

Clint Jensen, General Manager Trustee Representatives: Corey L. Rushton & Karen D. Lang

Herriman City

Brett Wood, City Manager Trustee Representative: Wm. Brent Johnson

Hexcel Corporation

Brian Wheeler, Environmental Engineer Trustee Representative: Gregory R. Christensen

Kearns Improvement District

Pamela Gill, General Manager Trustee Representative: Gregory R. Christensen

Magna Water District

Terry Pollock, General Manager Trustee Representative: Gregory R. Christensen

Midvale City

Kane Loader, City Manager Trustee Representative: Ronald E. Sperry

Riverton City

Konrad Hildebrandt, City Manager Trustee Representative: Wm. Brent Johnson

City of South Jordan

Gary Whatcott, City Manager Trustee Representative: Scott L. Osborne

City of South Salt Lake

Dennis Pay, Public Works Director Trustee Representative: Stephen W. Owens

Taylorsville-Bennion Improvement District

Keith J. Lord, General Manager Trustee Representative: John H. Taylor

Utah Department of Corrections

Greg Peay, Director of Facilities
Trustee Representative: Ronald E. Sperry

WaterPro, Inc.

Darrin L. Jensen-Peterson, General Manager Trustee Representative: Ronald E. Sperry

City of West Jordan

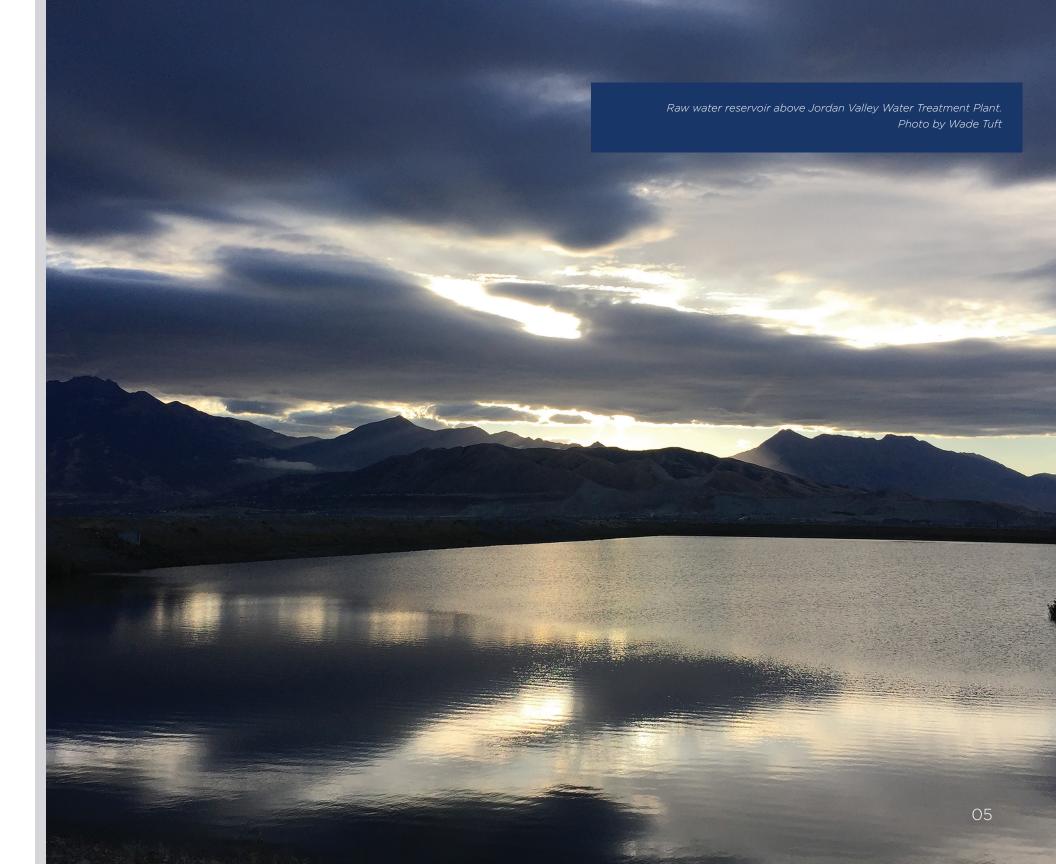
David R. Brickey, City Manager Trustee Representative: Lyle C. Summers

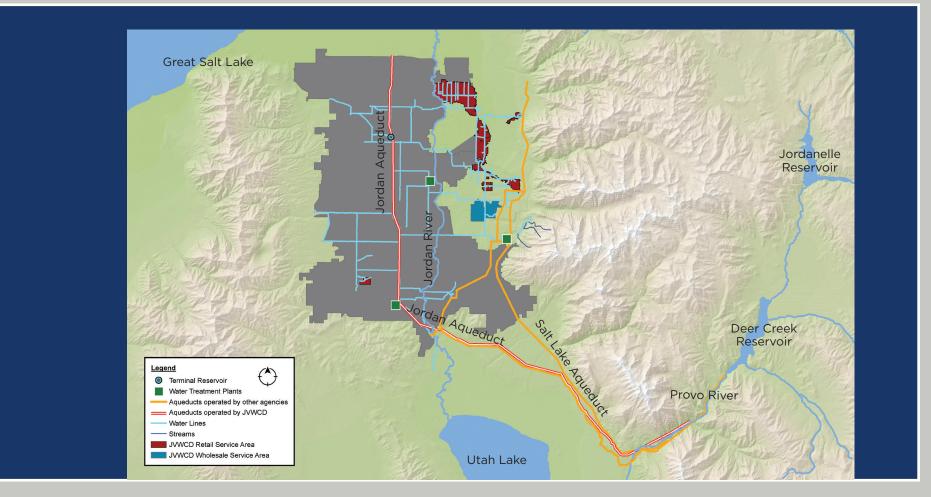
White City Water Improvement District

Paul Ashton, General Manager Trustee Representative: Stephen W. Owens

Willow Creek Country Club

Alex Nicolaidis, General Manager Trustee Representative: Stephen W. Owens





JORDAN VALLEY WATER SERVICE AREA The service area of Jord

The service area of Jordan Valley Water encompasses much of Salt Lake Valley, including the most rapidly growing areas in the state. Sources of water include the Provo, Weber and Duchesne Rivers, groundwater, and local mountain streams.

TRUSTEES



(Left to Right)

John H. Taylor

Lyle C. Summers

Ronald E. Sperry
Finance Committee Chair

Scott L. Osborne Vice Chair

Corey L. Rushton

Gregory R. Christensen

Karen D. Lang

W. Brent Johnson

Stephen W. Owens Conservation Committee Chair





onservation Garden Park opened its gates in 2001 and continues to be the hub of Jordan Valley Water's conservation outreach. During 2017, more than 40,000 visitors came to the Garden to attend classes, go on tours, or use the Garden's other resources. A few of our many conservation outreach activities are listed below:

SPACES

You may have seen the Garden's weekly articles in the Salt Lake Tribune and Deseret News. Article topics range from proper lawn care and landscaping advice to efficiency tips and tools.

PARTY IN THE PARK

Each summer, thousands of community members attend the Garden's biggest event, Party in the Park. With so many people at the Garden, this is a great opportunity to introduce new visitors to the Garden's mission and resources.

TOURS & CLASSES

During 2017, we taught more than 50 classes at the Garden ranging in topics from proper pruning techniques to landscape design. Localscapes® University is one of our most popular classes and teaches Utah homeowners how to localize their landscapes for Utah's unique climate.

QWEL

The Qualified Water Efficient Landscaper program teaches landscape professionals the proper way to landscape efficiently. Courses are held regularly at the Garden.





LANDSCAPE FOR WHERE YOU LIVE

Utah is different—our weather, precipitation, climate, and even culture are unique from other parts of the country. So it makes sense that in order to grow right, our landscapes need to be different too. That's how Localscapes® came about—a landscaping approach to help Utah homeowners "localize" their yards and create outdoor spaces that work in harmony with our state's diverse climate.

Throughout most of Utah, we have fierce winters, hot and dry summers, and sometimes salty secondary water. The Localscapes method considers each of these factors, plus other unique Utah challenges, in the way it approaches landscaping for Utah—and a Localscape is totally customizable to meet your needs.

The premise is straightforward: following five simple steps, you can have a landscape that works for you—and thrives anywhere in Utah.



CLASSES

The Localscapes method is taught at Conservation Garden Park in an ongoing series that sells out quickly. Classes include a "101" course that introduces the Localscapes approach; a 3-hour course that includes training in landscape design, planting, and maintenance; and a few workshop options that provide more in-depth training on irrigation and planting design. Homeowners who complete the Localscapes classes will be prepared to undertake a full landscape renovation or installation using the Localscapes method.

PARTNERSHIPS

Creating a social movement requires collaboration with many different groups. To further the reach and influence of Localscapes, our staff has partnered with retail, professional, educational, and agency parthers. At the time of printing, Localscapes had 36 official partners. To see partners, visit Localscapes.com and scroll to the bottom of the home page. If you would like to join the movement, contact us at info@localscapes.com.

Localscapes are designed especially for Utah and use 1/3 the water of a typical yard. Localscapes classes and resources are available at Conservation Garden Park. Photo by Dedee Bigelow

5 STEPS TO A LOCALSCAPE:



Central Open Shape

Prevent frustration by designing your landscape to fit your sprinklers instead of forcing sprinklers to fit your landscape. Keeping lawn in a central open shape allows sprinkler systems to work efficiently.



Gathering Areas

Rethinking maintenance as part of landscape design saves time, energy, and more of your Saturday. For example, placing gathering areas like patios, decks, or informal seating outside of your lawn means fewer areas to irrigate and maintain.



Activity Zones

Just like gathering areas, activity zones like trampolines, play sets, sheds, and hot tubs should be placed outside of your lawn area. You get the same benefits plus no more objects to mow around!



Paths

Narrow lawn strips are difficult to irrigate and require a lot of maintenance. In contrast, paths between elements of your landscape mean less work and you might even visit areas of the landscape you used to ignore.



Planting Beds

Choosing the right plants to fill in the rest of your landscape will save you money and time because Utah-friendly plants thrive here.



The Localscapes method has been adopted statewide, but existing resources limit the number of people that can be reached through traditional means. Because of this, Garden staff have spent the past year fundraising for a new Localscapes exhibit at Conservation Garden Park. The new exhibit will provide an immersive,

outdoor classroom experience within the Garden. It will also make possible self-guided, onsite classes to all visitors—on demand.

ne benefit of the exhibit is that homeowners will be able to see an actual localized yard that incorporates every step of the Localscapes process.





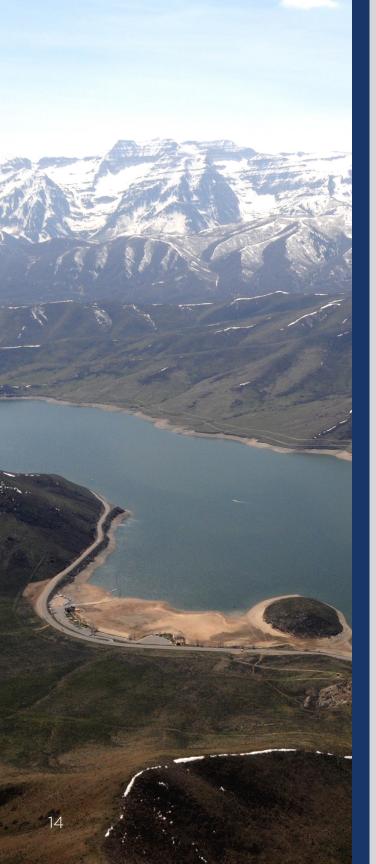
Detailed signage will help visitors recognize the different steps of localizing and encourage self-guided instruction.

esigned with a structure that represents a home, this exhibit is modeled after the original exhibits of the Garden built almost 20 years ago. While

the style of the Garden hasn't changed much in those 20 years, our vision of water-conserving landscapes in Utah has been simplified into the five Localscapes steps, making landscaping for Utah's unique climate the easiest it has ever been. This exhibit will show homeowners exactly how.

LOCALSCAPES EXHIBIT

AT CONSERVATION GARDEN PARK





Utah Water Savers

ordan Valley Water has partnered with other water conservancy districts and the state of Utah to provide water conservation incentives to Utahns through Utahwatersavers.com. This website allows homeowners to register for water conservation programs that provide rebates and rewards for implementing water-saving measures at home. From rebates to free landscape consultations, utahwatersavers.com is helping Utahns save both money and water.



Park strips are one of the most difficult places for grass to thrive and for homeowners to maintain. This program offers cash rebates to "flip" your park strip to be water efficient and beautiful.



Become part of the landscaping movement spreading throughout Utah. If you have attended Localscapes University and are localizing your landscape, you may be eligible for some rewards!



Want to improve your existing landscape? Sign up for a free consultation to get expert advice about your landscape, sprinkler system, and watering practices.



Old toilets are a leading waster of water in Utah homes. If your toilet was installed before 1994 or uses more than 1.6 gallons of water per flush, you could be eligible for a toilet replacement rebate.



Changing spray irrigation to drip is one of the best ways to make a landscape more water efficient. By switching a spray zone to drip, homeowners can expect to save around 4,000 gallons per 250 square feet annually.



Smart controllers help save water by automatically adjusting watering schedules based on local weather and landscape needs. Rebates are available throughout the state.



LANDSCAPE LEADERSHIP GRANT

Jordan Valley Water provides grant funding to businesses, institutions, builders/commercial developers and HOAs that are installing or renovating their landscapes to be more water efficient.

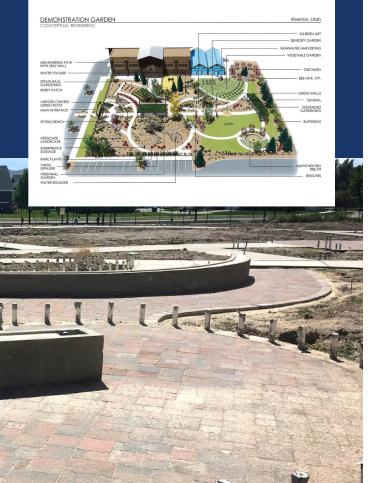
To receive funding, projects must be able to visibly promote water conservation, effectively use water-efficient landscape design, and show potential for significant water savings. Our hope is that this program will influence future commercial developments, set the standard for business landscaping for years to come, and change the way businesses, parks, and HOAs use water. Learning to use our water resources wisely will help ensure that there is water for future generations of Utahns.

The Jordan Academy of Technology and Careers (JATC) received a landscape leadership grant to construct a new water conservation garden at the academy's south campus in Riverton. Although a contractor will build the key elements, students in the academy's landscape architecture and horticulture programs will participate in the planting and maintenance of the garden. The new demonstration garden will utilize the principles of Localscapes® and teach correct landscape principles to students and guests. Plants that grow well in the southwest portion of Salt Lake County will be emphasized. The JATC demonstration garden, shown in its initial stages below, will be open to the public.



JATCPROJECT







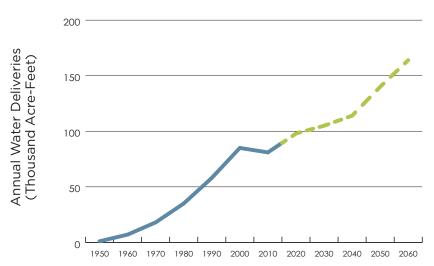
Cabana Park is built on the site of a former private neighborhood swimming pool that served as a community gathering point for more than 50 years. The pool closed in 2013 after it fell into disrepair, but was soon purchased by Taylorsville City as a site for a new park.

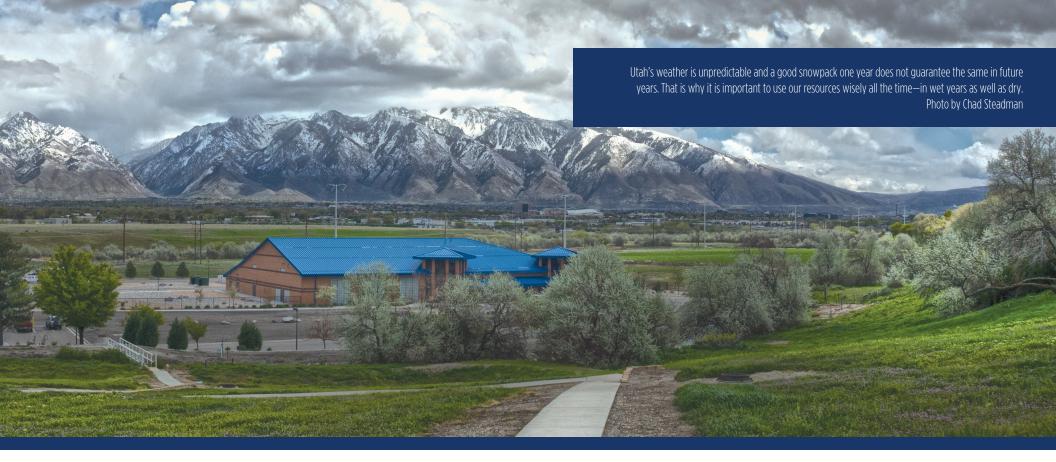
Using a landscape leadership grant from Jordan Valley Water, Taylorsville City designed a park that not only creates a new community gathering point, but is also waterefficient. The lawn at Cabana Park follows
Localscapes principles and is
concentrated into a central open shape.
This creates an area of useable lawn for
recreation that still makes up less than
one third of the entire park. Other park
features include a new playground and
picnic pavilion. For added efficiency, the
perimeter of the park features waterefficient plants and river rock mulch.



WHY CONSERVATION **MATTERS**

Historical & Projected JVWCD Water Deliveries





In spring 2017, the National Weather Service announced that Utah was drought-free for the first time since 2011—mostly thanks to a winter of heavy snow and a January with more than double the average precipitation for that time of year. Who would have thought that less than a year later, we would experience a winter of 60-degree weather and arguably one of the worst snowpacks in Utah history?

If there is one thing we can predict about the weather, it is that we can't predict the weather. That is why it is so important to use water resources wisely all the time—in wet years as well as dry. But weather isn't the only factor to consider when examining water supply.

Projected population for the service area of Jordan Valley Water tracks very similarly to the entire state's, and is expected to almost double in the next 45 years. How do we expect to serve approximately half a million more people? Conservation is key.

As Utah's population continues to grow, our focus on conservation will continue to expand. Water conservation is a vital first step to ensure we have a viable water supply for years to come. Jordan Valley Water is committed to water conservation efforts in the state and is constantly working to improve and increase its water conservation programs and effectiveness.





CAPITAL PROJECTS

Jordan Valley Water plans 50 years into the future to ensure water availability for generations to come. Each year, our staff undertakes capital projects to build and maintain the infrastructure necessary to meet our community water needs. Below are major projects from 2017:

- 11400 S Pipeline Cathodic Protection Upgrades
- Carol, College and Willow Creek Wells
 Pump Replacement
- Jordan Narrows Pump Station
 Improvements Project
- Headquarters Vehicle Maintenance Building HVAC Upgrades
- Well Pump Station Chemical Feed Improvements
- West Temple/Main Street Pipe Replacement

Municipal & Industrial (M&I) Water Deliveries	2017	2016
	(AF)	(AF)
City of Bluffdale	2,374	2,496
Copperton Improvement District	2	0
Draper City	4,051	3,963
Granger-Hunter Improvement District	17,838	19,517
Herriman City	3,719	3,303
Hexcel Corporation	864	679
Kearns Improvement District	8,010	8,425
Magna Water District	786	823
Midvale City	165	131
Riverton City	4,764	4,812
City of South Jordan	15,157	15,089
City of South Salt Lake	1,057	747
Taylorsville-Bennion Improvement District	4,700	4,700
Utah Department of Corrections	534	555
WaterPro, Inc. (treated) WaterPro, Inc. (raw)	952 0	1,059 85
City of West Jordan	19,653	20,329
White City Water Improvement District	0	0
Willow Creek Country Club	338	352
Subtotal for member agency deliveries	84,964	87,065
JVWCD retail service areas (Holladay, Murray, Sandy, South Salt Lake and unincorporated county)	8,780	8,721
JVWCD system non-revenue water (use & loss)	7,262	5,027
Subtotal for deliveries, use and loss	101,006	100,813
Irrigation and raw water	2017	2016
Utah Dept. of Public Safety	15	14
Welby Jacob Water Users Co. ^a	27,552	25,079
Subtotal for irrigation & raw water	27,567	25,093
Total delivered water	128,573	125,906
M&I Water treated or transported for other agencies	2017	2016
Metropolitan Water District of SL & Sandy	9,591	9,287
Subtotal for treated or transported water	9,591	9,287
Total water delivered, treated or transported	138,164	135,193

a) Sources from Utah Lake, Provo River, Weber River and Duchesne River, used to accomplish the water sources exchange agreement known as the Welby Jacob Exchange.

DELIVERIES





Top: Glen McIntyre sampling at Zone D reservoir. Photo by Brad Boren. Bottom: Calin and Andy work on a dewatering project. Photo by Dave Beratto.

Delivering Quality Every Day



WE WORK HARD FOR WATER SO YOU DON'T HAVE TO

Municipal & Industrial Water Sources	2017 (AF)	2016 (AF)
Jordanelle Reservoir (Central Utah Project) ^a	31,098	39,058
Deer Creek Reservoir (Provo River Project) ^b	26,218	6,349
Upper Provo River reservoirs ^C	2,597	3,457
Echo Reservoir	2,809	3,311
Provo River (unstored flows)	16,777	20,755
Weber River (unstored flows)	0	0
Central Water Project	5,746	7,443
Salt Lake County mountain streams	3,077	2,229
Salt Lake County groundwater (wells)	10,013	13,302
Southwest Groundwater Treatment Plant	2,671	4,865*
Bingham Canyon Water Treatment Plant ^d	0	44
Subtotal for Municipal & Industrial sources	101,006	100,813
Irrigation Water Sources	2017	2016
Jordanelle Reservoir (Central Utah Project) ^a	0	0
Deer Creek Reservoir (Provo River Project) ^b	0	0
Upper Provo River reservoirs ^C	0	0
Echo Reservoir	0	0
Provo River (unstored flows)	12,195	5,340
Weber River (unstored flows)	0	0
Utah Lake	15,372	19,753
Subtotal for irrigation sources	27,567	25,093
TOTAL ALL SOURCES	128,573	125,906
Total water treated or transported for other agencies	9,591	9,287
Total all water sources & transport	138,164	135,193

a) Provo River sources

c) Stored in Jordanelle Reservoir

b) Weber, Duchesne, and Provo River sources

d) Treats southwest Salt Lake County groundwater

Deer Creek at Full Capacity. Photo by Heidi Nilsson

^{*}This number has been updated to reflect more accurate data.



REPAIR & REPLACEMENT

Repair & Replacement

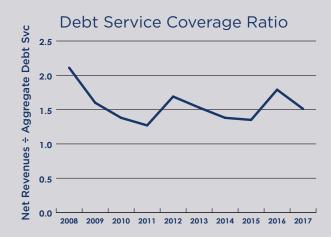
Aging infrastructure is one topic every water agency knows something about. Some of the working infrastructure in this valley was installed when the pioneers arrived, but most of it is close to 50 years of age. With estimates for statewide repairs as high as \$18 billion through 2060, water agencies and the state will need to work together to ensure infrastructure stays viable and able to deliver our quality product.

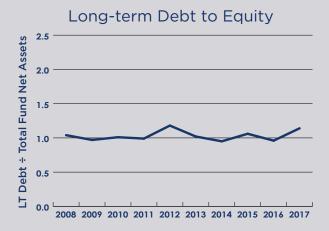
Watersheds

Watersheds need protection as much as any other item discussed in this publication. They house the very sources of our drinking water, and damage to them can have long-lasting and far-reaching consequences. Jordan Valley Water participates in several watershed protection programs, like the Provo River Watershed Council, to ensure our drinking water sources are as safe and pristine as possible. For information about what you can do to help, visit www.ProvoRiverWatershed.org.









FINANCIAL STEWARDSHIP

Balance Sheet Summary as of June 30th:						
	2017	2016	2015	2014	2013	
Assets: Current Restricted Capital Other	\$54,849,313 49,792,125 471,427,593, 15,429,418	\$44,819,066 15,032,770 448,122,214 16,903,556	\$51,431,109 28,903,249 424,407,003 16,295,945	\$47,651,918 19,310,145 394,264,182 17,783,520	\$44,892,167 24,451,273 394,514,905 19,932,077	
Total Assets	\$591,498,449	\$524,877,606	\$521,037,306	\$479,009,765	\$483,790,422	
<u>Liabilities</u> : Current Long-term	\$17,229,860 306,036,114	\$14,175,112 249,625,637	\$16,718,015 257,251,372	\$11,676,949 221,024,301	\$14,322,006 228,223,829	
Total Liabilities	323,265,974	263,800,749	273,969,387	232,701,250	242,545,835	
Total Fund Net Assets	268,232,475	261,076,857	247,067,919	246,308,515	241,244,587	
Total Liabilities & Fund Net Assets	\$591,498,449	\$524,877,606	\$521,037,306	\$479,009,765	\$483,790,422	
Incor	me Statement S	ummary for fisc	al years ended	June 30th:		
	2017	2016	2015	2014	2013	
Revenues: Operating (water sales) Property taxes Interest Intergovernmental Non-operating	\$52,108,797 14,954,597 1,109,313 29,835 (621)	\$47,830,269 14,915,457 370,002 584,285 72,265	\$40,674,455 13,831,898 564,331 88,996 137,774	\$42,081,690 13,622,517 562,292 26,141 6,761	\$40,702,664 13,607,576 666,589 531,870 174,690	
Total Revenues	68,201,921	\$63,772,278	\$55,297,454	56,299,401	55,683,389	
Expenses: Operating Interest	47,608,657 10,578,867	45,332,249 7,787,165	42,378,394 8,346,776	42,789,061 6,956,471	40,570,432 6,498,385	
Total Expenses	58,187,524	53,119,414	50,725,170	49,745,532	47,068,817	
Approximate Contribution to Capital Expenses ^a	\$10,014,397	\$10,652,864	\$4,572,284	\$6,553,869	\$8,614,572	
Other Cash Flow Information for fiscal years ended June 30th:						
	2017	2016	2015	2014	2013	
Capital Improvements	\$31,731,635	\$31,801,417	\$35,310,360	\$8,878,526	\$14,702,913	
Debt Service Payments	\$19.188.677	\$15,291,092	\$15.621.788	\$15,982,634	\$15,659,633	

a) Also includes capital projects fund, development fee fund, general equipment needs, emergency reserves, and self-insurance fund.



EXECUTIVE STAFF



Reid Lewis General Counsel

Jason Brown Information Systems Manager Shazelle Terry Operations Manager

Shane Swensen Engineering Manager

Jessica Richards Administrative Assistant

Dave Martin

CFO/Treasurer

Linda Townes Public Information Manager

Brian Callister Matt Olsen Maintenance Manager Communications Manager

Debbie Petersen

Beverly Parry Human Resources Manager

Brian McCleary Controller

Executive Assistant

Staff at press time:

Adrian Parra	Courtney Brown	Emilie Bashore	Jon Hilbert	Margaret Dea	Sharon Smith
Alan Thackeray	Craig Fahrni	Eppie Trujillo	Josh Ashcroft	Martin Feil	Shaun Moser
Alex Mitchell	Cynthia Bee	Eric Poulsen	Josh Shrewsbury	Matt Hinckley	Shaun Proctor
Allen Curtis	Dan Claypool	Frank Montoya	Joshua McDougall	Megan Hatch	Stan Grundy
Amanda Strack	Danny Ernest	Frank Roberts	JT Cracroft	Michelle Guy	Steve Beck
Andy Adams	Danny White	Frank Smith	Justin Spainhower	Mike Axelgard	Steve Blake
Ann Mecham	Dave Beratto	Gage Stewart	Karen Karriker	Mike Gonzales	Steve Crawford
Blake Mousley	Dave Hyde	Glen McIntyre	Keenan Robertson	Mike Lorenc	Steve Hansen
Blake Woolsey	Dave Mecham	Gordon Batt	Ken Butterfield	Mike Rasmussen	Steve Minch
Brad Boren	Dave Spackman	Greg Mark	Kevin Crane	Mindy Obert	Steve Schmidt
Brad Mabey	David Garcia	Heidi Nilsson	Kevin Rubow	Natalie Boyack	Teresa Atkinson
Brad Perez	David McLean	Jace Bush	Kirk Oman	Nathan Talbot	Tim Rainbolt
Brady Young	Debbie Gates	Jackie Buhler	Kody Evans	Nick Bradshaw	Todd Peterson
Bryan Smith	Denise Goodwin	Jared Brace	Kolby Parman	Nick McDonald	Todd Schultz
Calin Perry	Dipanwita Banerjee	Jared Vigil	Kyle Chapman	Paul Mattinson	Travis Christensen
Cary Shaw	Don Olsen	Jay Frandsen	Kyle Kennedy	Quintin Rubio	Troy Tucker
Casey Cannon	Duff Turner	Jeanette Perry	Leonard Mascher	Ray Stokes	Tweet Johnson
Casey Mascaro	Dustin Brusch	Jeff Betton	Lisa Kasteler	Robert Squire	Twila Brantley
Chad Steadman	Eddie Ojeda	Jeff Bryant	Lorena Purissimo	Ryan Forsyth	Val Cossey
Clifton Smith	Eduardo Cracchiolo	Jeff King	Lorrie Cowles	Rylan Walker	Wade Tuft
Clint Thurgood	Ellen Bolliger	Jeff Small	Marcelo Anglade	Savidtri Thanasilp	Wayne Sims, II
Cory Collins	Ellisa Demetsky	Jim Bogenschutz	Marcelo Del Rio	Scott Olsen	Yvette Amparo-Espinoza

OUTSTANDING EMPLOYEES

WE WORK HARD FOR WATER SO YOU DON'T HAVE TO.



www.jvwcd.org 8215 South 1300 West West Jordan, UT 84088