Sandy Heart of the Wasatch	Sandy City, Utah	10000 Centennial Parkway Sandy, UT 84070 Phone: 801-568-7141
	Meeting Agenda	
	City Council	
	Ryan Mecham, District 1	
	Alison Stroud, District 2	
	Zach Robinson, District 3 Scott Earl, District 4 Brooke D'Sousa, At-large	
	Marci Houseman, At-large	
	Cyndi Sharkey, At-large	
Tuesday, August 23, 2022	5:15 PM	Water Treatment Plant Tour

Work Session - Water Treatment Plant Tour

Web address to view complete packet: http://sandyutah.legistar.com

5:15 Tour

Work Session Items

 1.
 22-313
 (Public Utilities Tour of Water Treatment Plant & Department Update)

 Attachments:
 Water Tour Agenda - Metro Little Cottonwood Water Treatment Plant

 MWDSLS System Facilities
 Water Revenue Needs Fact Sheet





Staff Report

File #: 22-313, Version: 1

Date: 8/23/2022

Agenda Item Title:

(Public Utilities Tour of Water Treatment Plant & Department Update)

Presenter: Tom Ward - Public Utilities Director

Description/Background:





TOM WARD. P.E. PUBLIC UTILITIES DIRECTOR

> MONICA ZOLTANSKI MAYOR

SHANE E. PACE CHIEF ADMINISTRATIVE OFFICER

AGENDA

- To: Sandy City Council, Council Staff
- Copy: Mayor Monica Zoltanski, Shane Pace/CAO
- From: Tom Ward
- Re: August 23, 2022 Council Agenda & Tour Water Infrastructure Needs and Little Cottonwood Water Treatment Plant Tour

5:00 pm Gather at Sandy Bus (west entrance City Hall)

5:10-6:00 pm Sandy bus departs. Drive past 14 East Lone Hollow which was location of large water main breaks that flooded two homes. Bus will not stop. (Scott Ellis, Public Utilities)

6:00-7:00 pm Metro Water District of Salt Lake & Sandy 3430 Danish Rd, Cottonwood Heights, UT 84093

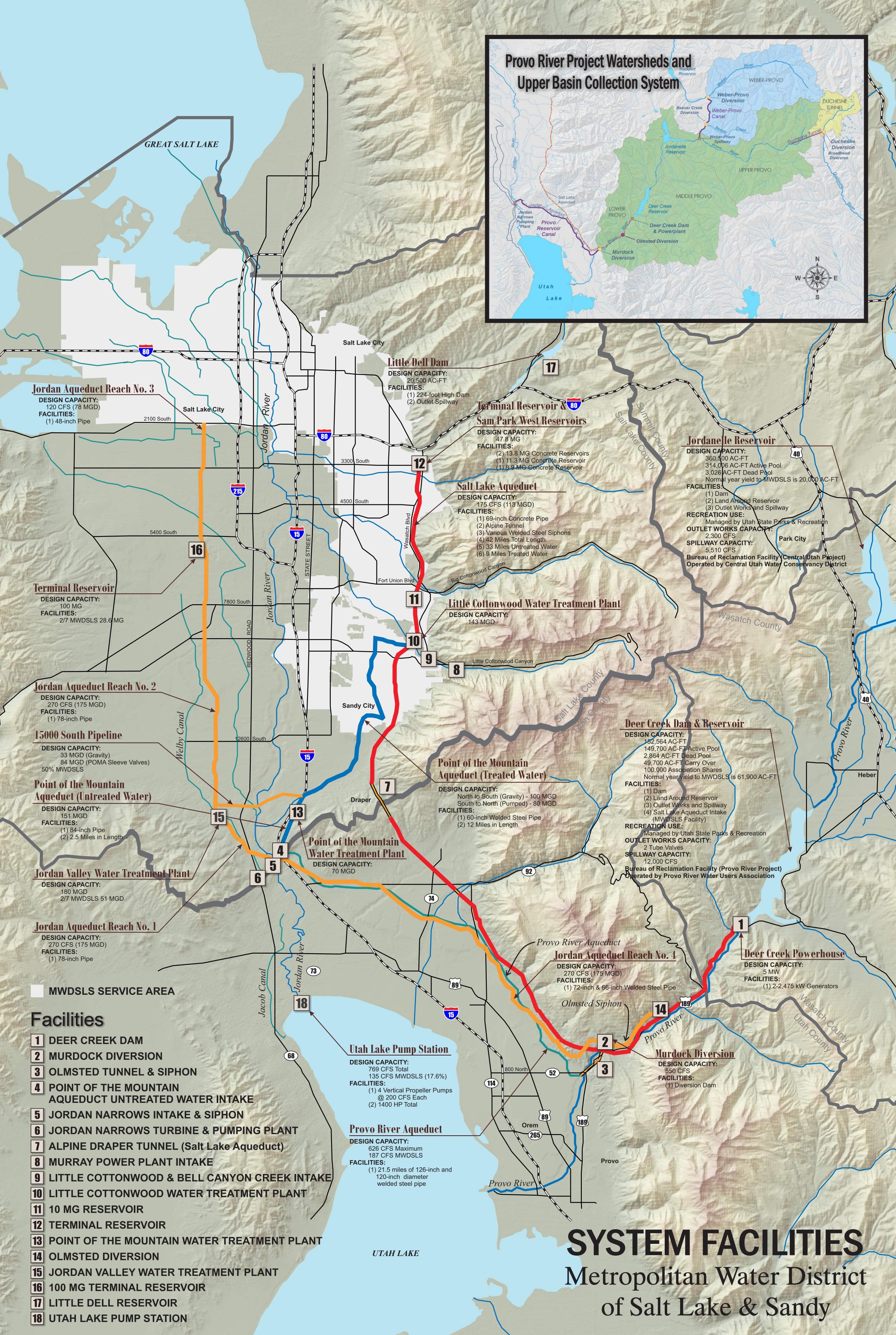
> Update on water revenue needs. (Abi Holt, Public Utilities, 5 min) Tour of Little Cottonwood Water Treatment Plant (60 min) Mike Devries, General Manager, Metro Water of Salt Lake & Sandy

7:15-7:45 pm Return to City Hall

8pm Arrive City Hall by 8:00 pm or earlier.

Please find enclosed map of Metro Water facilities for your reference. Metro provides 100% of Sandy surface water sources to our drinking water system. Nearly half Sandy's water budget goes to Metro. Sandy bought into the Metro system to provide reliable, high quality drinking water for our residents and businesses. Sandy owns valuable water rights in Little Cottonwood and Bell Canyon, and we pay Metro to treat and deliver that water to our system. In addition, Metro provides other water supplies to Sandy from Metro's sources in the Provo River / Deer Creek system, the Central Utah Water Conservancy District, and the Ontario Drain Tunnel above Jordannelle Reservoir.

Also enclosed is a summary of the Sandy Water Enterprise fund current financial situation given the fact we are selling less water now that water conservation is here to stay, the cost of water has increased dramatically with inflation, and the City has a long list of pipe replacement projects we need complete to maintain levels of service and mitigate impacts, costs and damages from pipe breaks.

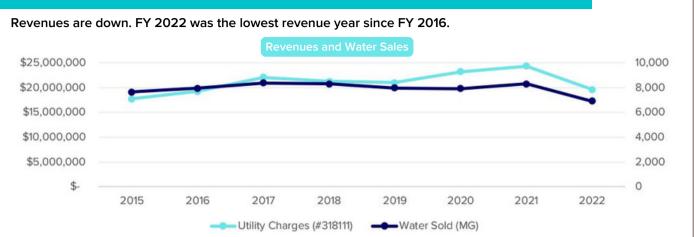


P:\Metro Water District SLC\MWDSLC Master Plan PM\Graphics\Figures\Wall Display-System Facilities\4-2007 Wall Display\MWDS

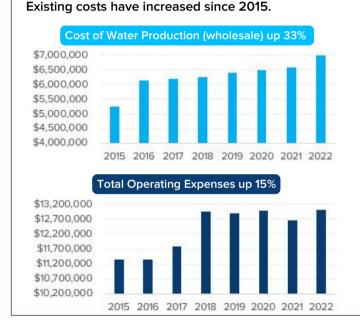


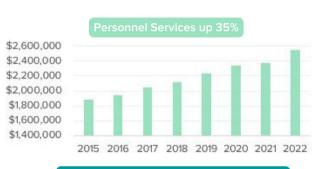
WATER REVENUE NEEDS

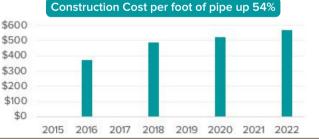
CONSERVATION IS HERE TO STAY - REVENUES ARE DOWN



WATER EXPENSES ARE UP 15% TO 54%

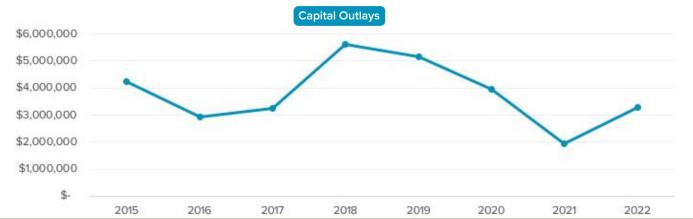






CAPITAL SPENDING IS DOWN

Since 2015 our Capital Outlays have essentially stayed the same. Average actual capital spending since 2015 is \$3.8 million. FY 2022 we spent \$3.2 million. Capital Outlays need to be increased to be able to replace water pipe that has reached the end of its useful life.



Footnote: All data from Sandy Budget Dashboard

https://app.powerbigov.us/viewr=eyJrljoiY2YxNjRjMTAtYjZkZS00MzZmLTk0YmUtY2UxMjY2YmJjMGM0liwidCl6ljQ4ZGl2MjI0LTY0MTEtNDc3Yy05Y2JiLTA5NjFiMWI1N2VkZiJ9



WATER REVENUE NEEDS



A main line break in Sandy Woods on July 17, 2022

A main line break in Sandy in 2018

REVENUES ARE DOWN:

• FY 2022 retail water sales revenue was the lowest it's been since FY 2016

EXPENSES ARE UP:

- Cost of water production (wholesale) is up 33% from 2015
- Personnel services are up 35% from 2015
- Total Operating Expenses are up 15% from 2015
- Contractor costs to replace pipe are up 54% since 2015
- Inflation is around 10% across the board and across the country

OUR CAPITAL OUTLAY BUDGET HAS REMAINED STEADY:

- Average annual capital spending since 2015 is \$3.8 million
- To replace water pipe that has reached the end of its useful life, outside consultants have recommended increasing our average yearly capital spending to approximately \$10-12 million

THE PRICE OF INACTION:

- Increased spending on band-aid pipe repairs for pipes that will need to be replaced anyway
- Increased number of emergency repairs puts our staff in dangerous conditions compared to planned repairs
- Increases in main line breaks comes with an increased number of complaints from residents, an increased number of claims to our risk department, and increased costs to cover repairs and claims
- Over the past ten years we have spent \$585,415 on 52 claims from waterline breaks and flooding.

SUMMARY:

To ensure Sandy City Public Utilities continues to provide the highest-quality service to all residents we must invest in our water supply and infrastructure. Rate changes are needed to fund the repair and replacement of critical aging water infrastructure, meet new water quality requirements, and ensure that we can meet the water demand needs of our community. The services we provide are indispensable to every aspect of people's lives and we must deliver them 24/7 without interruption. This requires us to continually assess our infrastructure and make investments when needed to ensure safety and reliability. Our ongoing commitment to provide excellent service to residential, commercial, and industrial customers means we need to adjust our water rates to fund necessary upgrades.