

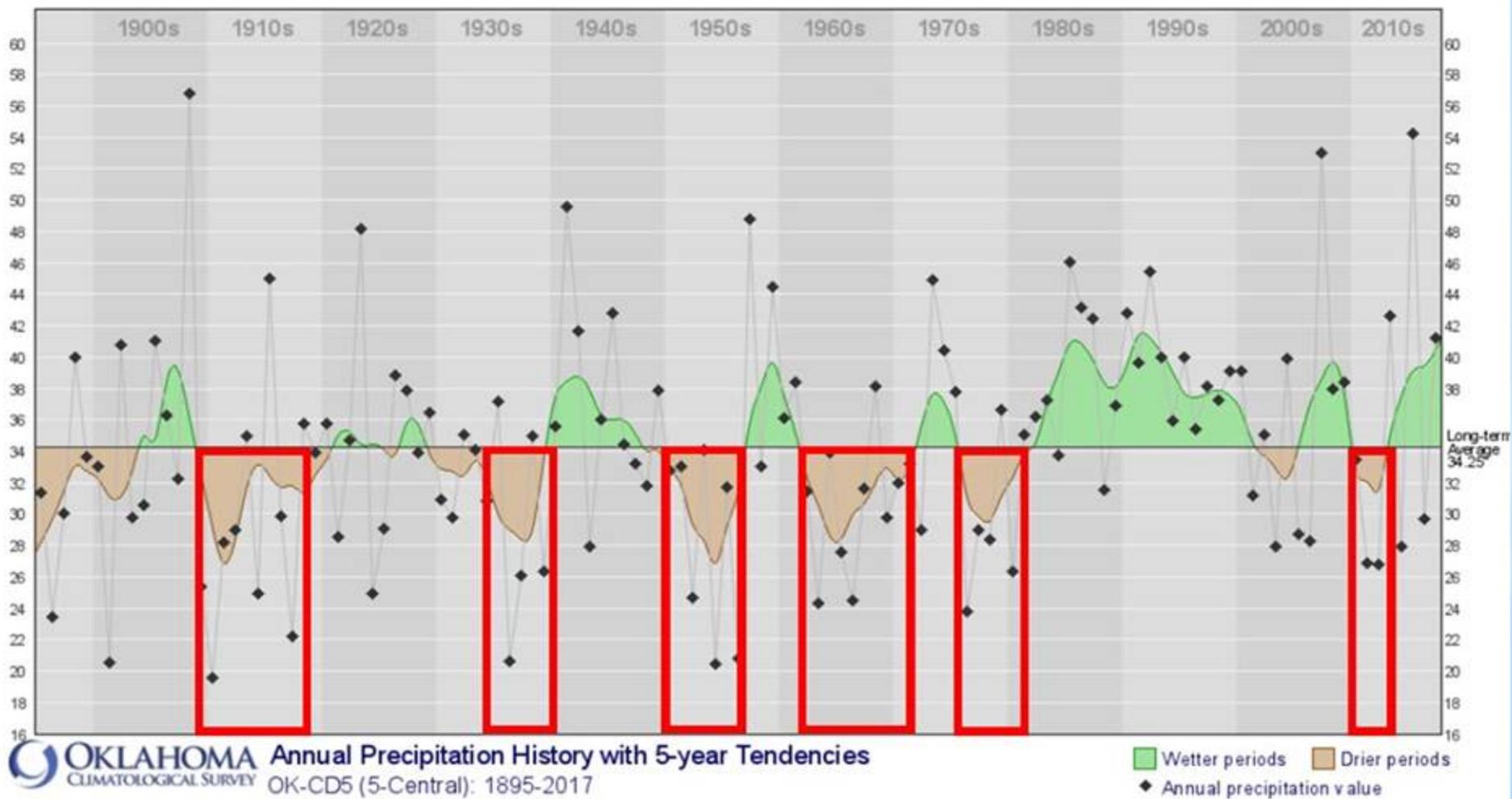
Oklahoma City Utilities: Water for a City on the Rise



Climate Change



Oklahoma's Droughts



Water Supply



Lake Atoka Spillway

- Over 35 inches of rain during May 2015
- Peak spillway flow over 400 million gallons per hour



Lake Atoka Spillway

- Damage caused by May 2015 rain
- Repair cost nearly \$30 million



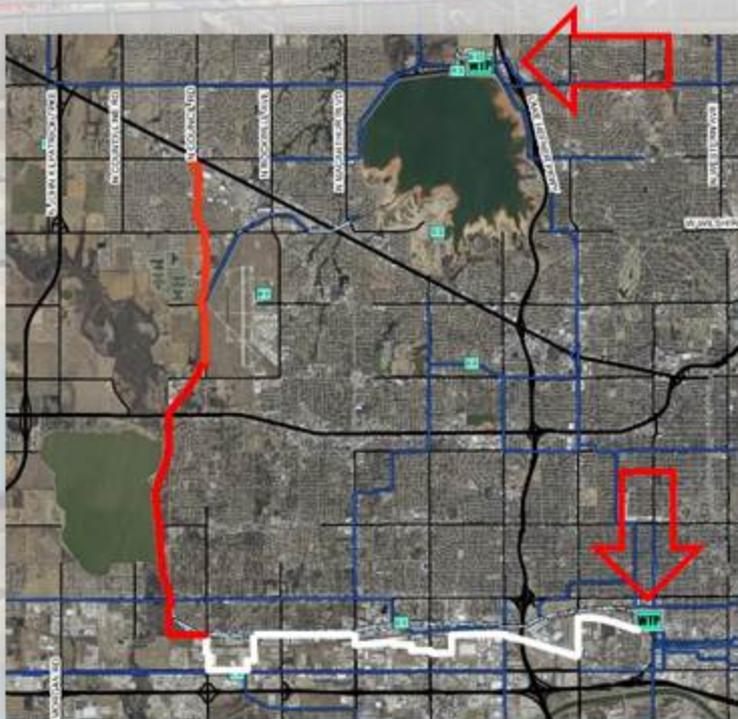
EF 5 Tornado

Tornado
approaching the
Draper Water
Treatment Facility
in 2013



Hefner-Draper Interconnect

- Provide high quality, reliable, resilient water service
- Assure continuity of service to all of OKC
- Immediate outage response



Facility and Infrastructure

- Treatment facility and pumping system improvements
- Standby generators
- Replacing aging pipelines
- Automatic pressure regulating system



Asset Management Program

- First phase is the condition assessment of our critical assets
- Provide data to help prioritize our \$2.5 billion CIP
- Goal: Proactive management of aging infrastructure



Water Conservation Program



SUN	MON	TUE	WED	THU	FRI	SAT
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6



Treated Wastewater Recycling

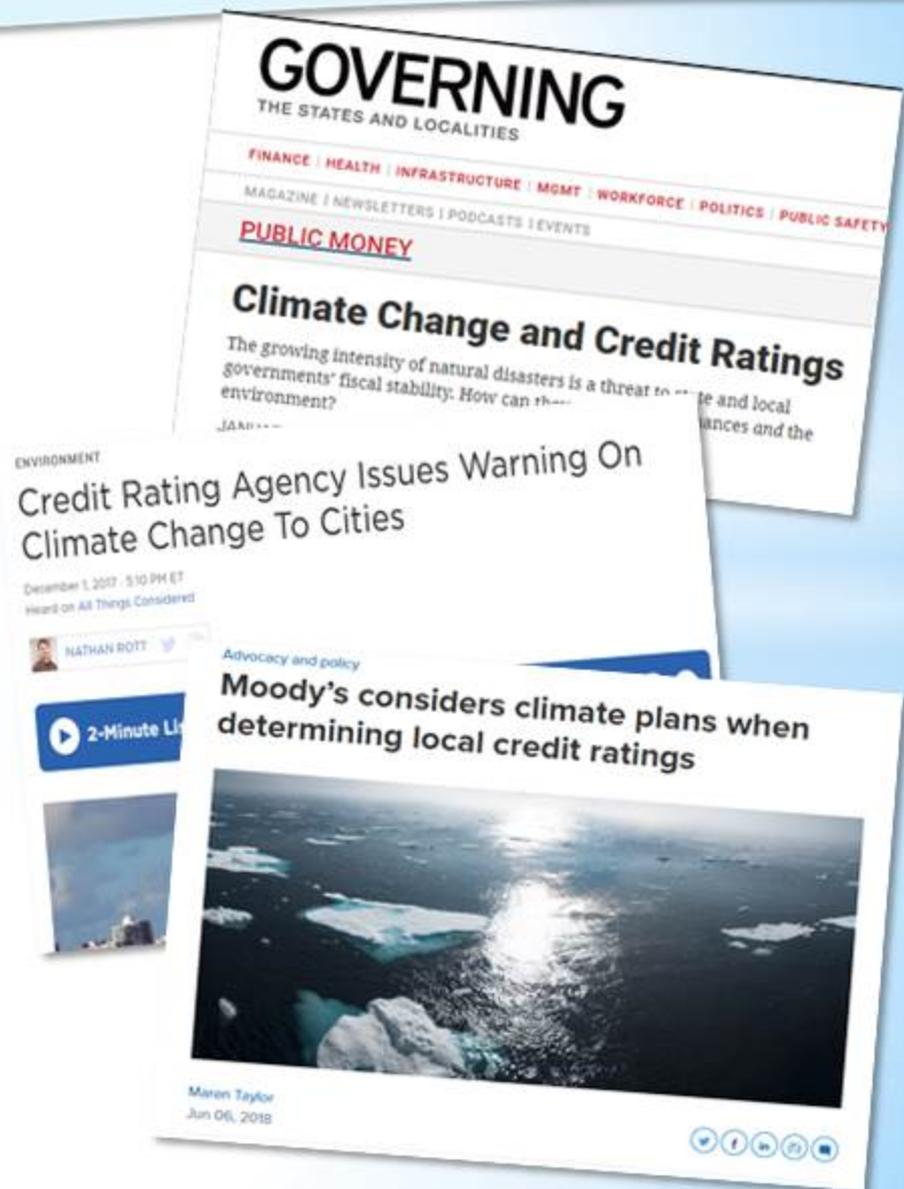


- Electric Power Generation
- Golf Course Irrigation



Climate Change and Rating Agencies

- Insurance companies: high percentage of U.S. municipal bonds
- Industry approach to climate change evolved
- Water utility industry must adapt to the changes



Climate Risk and Credit Risk

- Utility's operational risk management assessment
- ESG - environmental, social, and governance factors
- Is the water utility preparing for climate change??



Legal Considerations

- Inverse condemnation action
- Liability exposure due to failure to prepare
- Water utilities sued following wildfires
- Not just public health ... also public safety



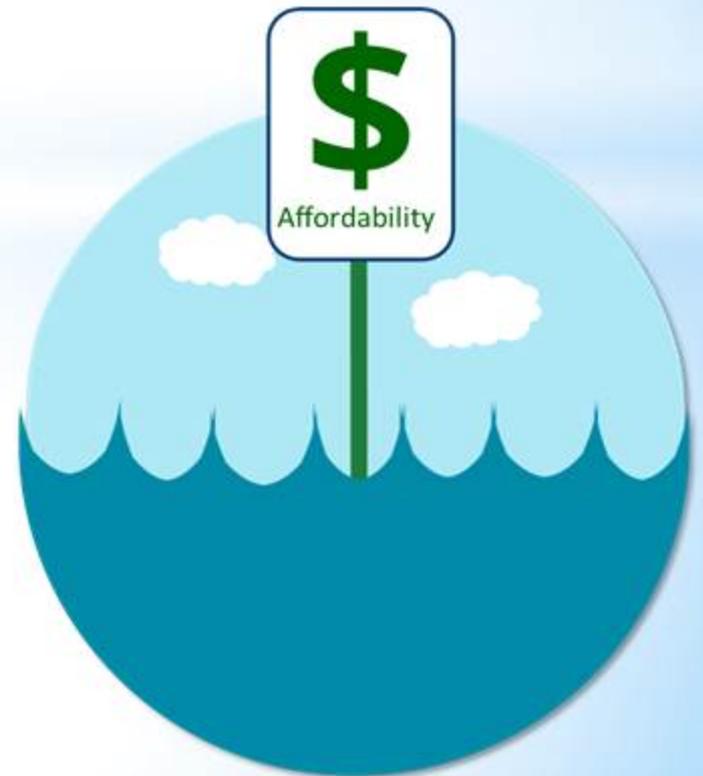
Risk Mitigation Strategies

- Vulnerability Assessments & Response Plans
- Long-term Capital Planning
- Secure Information Systems
- Financial Strength
- Compliance Inventory & Plans
- Employee Training



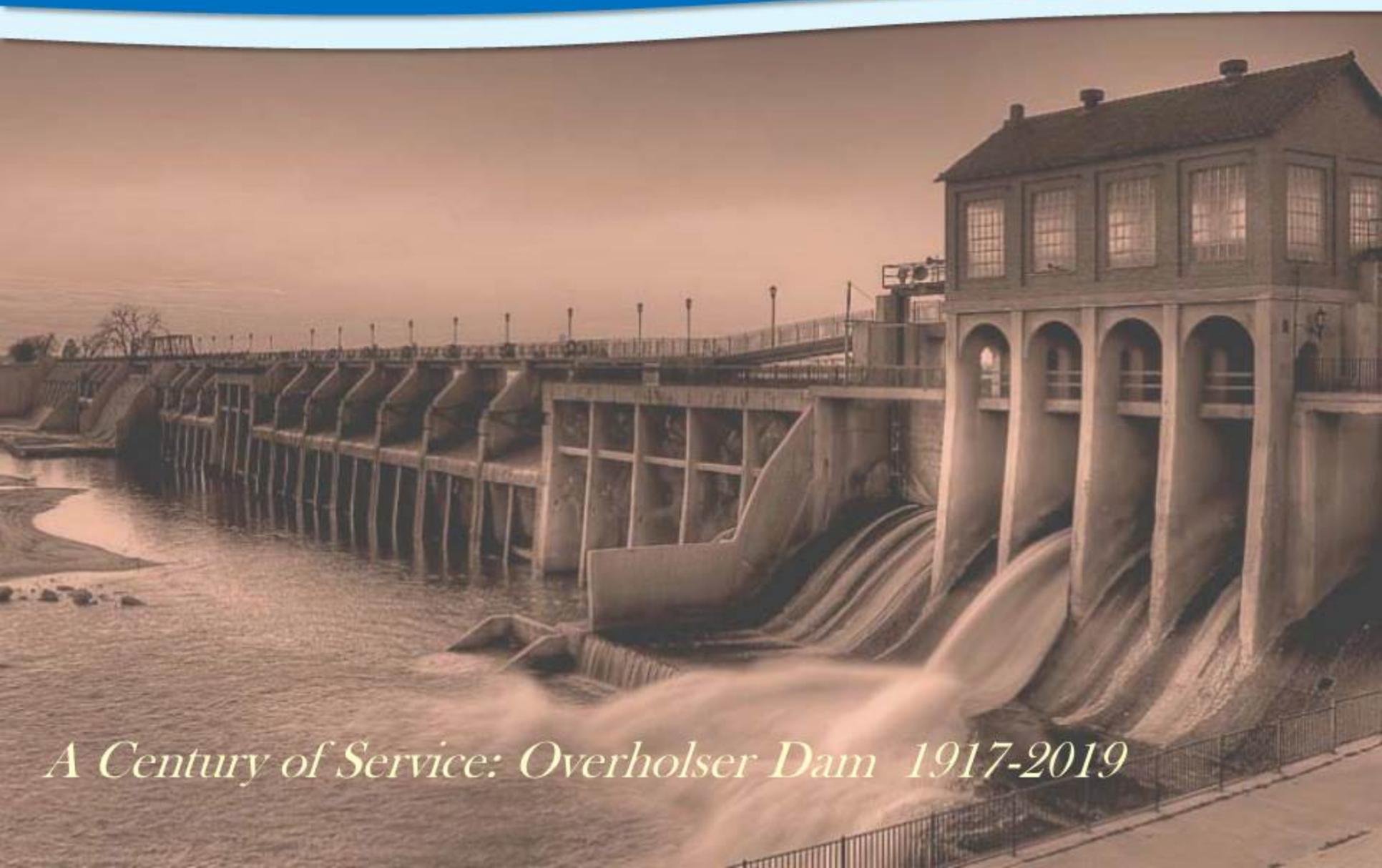
Sustainability and Affordability

- \$1.5 Billion in debt within the next 10 years
- Balance sustainability and affordability
- Rate equity
- Regional water provider



Questions???

A Century of Service: Overholser Dam 1917-2019

A sepia-toned photograph of the Overholser Dam. The dam features a long series of spillways on the left and a large powerhouse building on the right. Water is seen cascading down the spillways. The sky is overcast, and the overall scene is captured in a historical, monochromatic style.