



OKLAHOMA

FY22 Budget & Performance Hearing

Julie Cunningham
Executive Director

State of Oklahoma
OWRB
WATER RESOURCES BOARD
the water agency

OWRB Mission

To protect and enhance the quality of life for Oklahomans by managing and improving the state's water resources to ensure clean and reliable water supplies, a strong economy, and a safe and healthy environment



OKLAHOMA

9 Board of Directors
Governor-appointed,
Senate-confirmed

Executive
Director

Financial
Assistance

Water Quality &
Monitoring

Planning &
Management

Administrative
Services

Staff composed of scientists, engineers, financial, legal, and administrative professionals

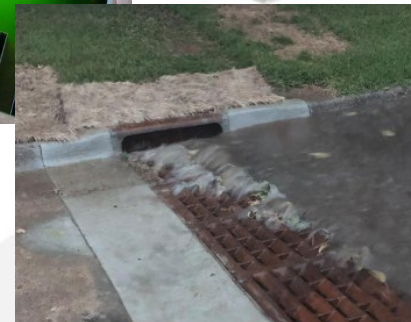
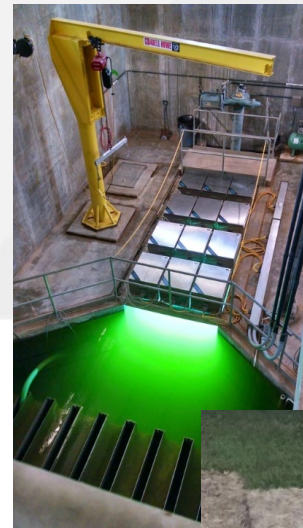
Financial Assistance



- Water, water reclamation, storm water infrastructure financing
- Communities and rural districts
- Funds:
 - Clean Water State Revolving Fund
 - Drinking Water SRF (w/ ODEQ)
 - State Revenue Bond Loan Program
 - REAP and Emergency Grants
- Strive to maintain AAA to keeps interest rates low for borrowers
- Large borrowers provide security, smaller entities can access same low rates

Funding Sources—

- Federal - EPA
- Debt Issuance
- Loan Repayments
- Interest on Bond Loan Program Reserve



Financial Assistance



and Wastewater Financing in Oklahoma

Totals current as of 01/06/2021

2,337

and grants approved for a total of
\$1,084,872,684

Oklahoma communities have saved an estimated
\$1,681,268,935

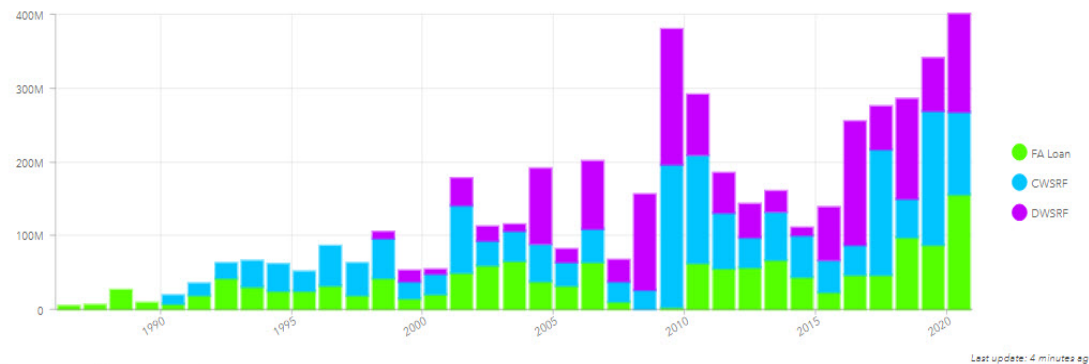
Approved Loans & Grants by Type

	Count	Amount
	401	\$1,390,205,000
	377	\$1,878,138,022
	232	\$1,720,458,243
Grant	595	\$35,548,155
	718	\$63,979,417
ant	6	\$418,848
060 Drought Grant	4	\$1,500,000
Drought Relief Grant	4	\$1,125,000

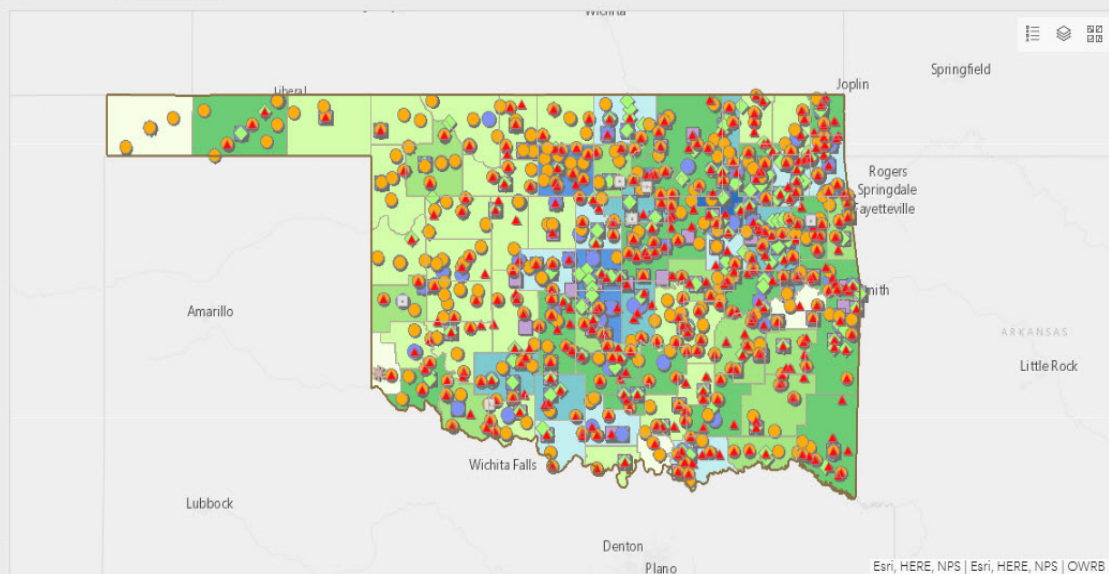
Approved Financing by Purpose

	Count	Amount
wer	51	\$417,145,544
	6	\$9,405,625
	1	\$85,000
	844	\$2,052,008,260
	1,435	\$2,612,728,255

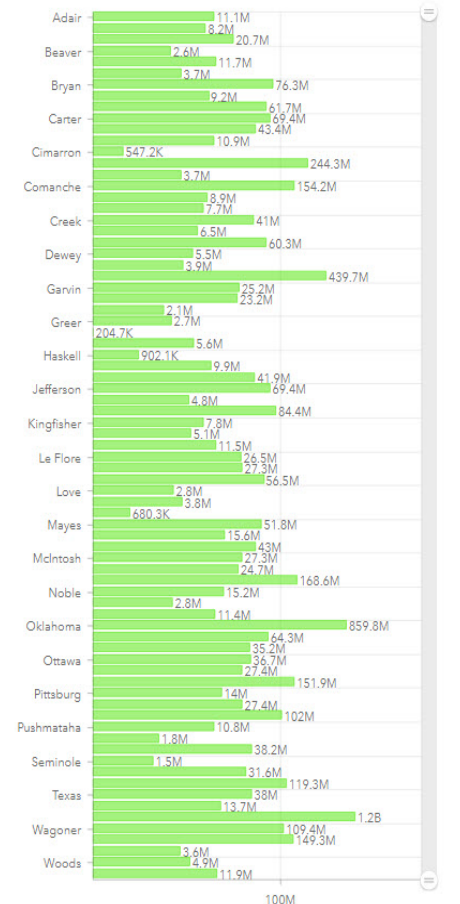
OWRB Loans



OWRB Loans OWRB Grants



Funding by County (in Dollars)



Number of Loans & Grants by County

Funding by County

Last update: 4 minutes ago

Water Resources Management



Water Rights Permitting & Administration

Water Resources Planning

Technical Hydrologic Investigations- water availability

Well Drillers & Pump Installers Licensing

Interstate Stream Compacts

Funding Sources—

- State Appropriations
- **Gross Production Tax**
- Fee revenue
- Federal cost share



Hazard Mitigation



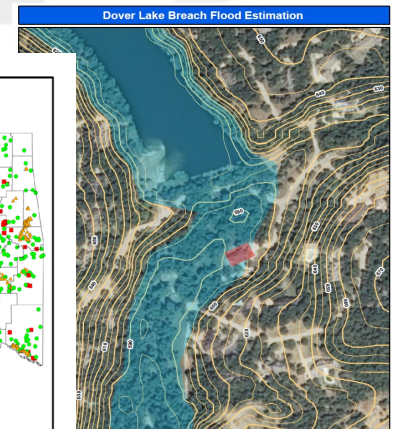
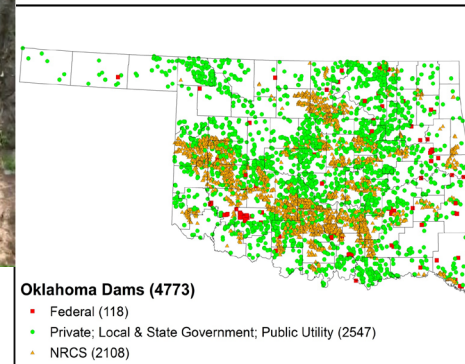
Funding Sources—

- Federal - FEMA
- State Appropriations
- Fee revenue

Floodplain Management — State Floodplain Board and National Flood Insurance & Cooperating Technical Partners Programs Coordinating Agency

Dam Safety

- Permitting, Inspection, and Technical Assistance
- Dam Breach Inundation Mapping & Analyses
- Owner/Engineer Training and Outreach



Ground & Surface Water Quality

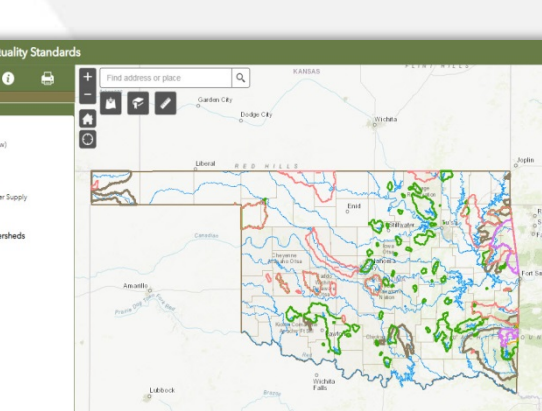


Statewide Monitoring Networks

- Streams, Lakes, Groundwater wells
- Stream Gaging Program
- Technical Studies
- Water Quality Standards
- Water Data Management & Dissemination

Funding Sources—

- State Appropriations
- Federal — EPA, USGS
- Contracts with local government and state agencies



Oklahoma Comprehensive Water Plan



Funding Sources—

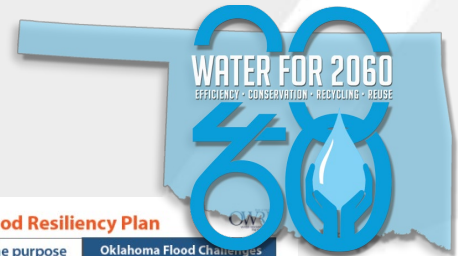
- Gross Production Tax
- Federal – US Army Corp of Engineers, Bureau of Reclamation, FEMA

Ok. Statutes direct OWRB to forecast long-term water resources needs through decennial updates

2012 update- unprecedented technical analysis and public involvement to formulate strategy

- 21 state policy and funding recommendations
- Joint Legislative Committee and continued support through GPT and 14 pieces of water legislation

2025 plan- focus will broaden to include disaster resiliency investment needs through 1st ever **State Flood Plan** (2020 SB 1269)



State Flood Resiliency Plan

What is the purpose of a state flood plan?
(SB1269)

- **EVALUATE** condition and adequacy of critical infrastructure subject to flooding on a watershed basis.
- **DEVELOP** a comprehensive list of flood mitigation projects.
- **PROVIDE** improved resource management between federal, state agencies, and local communities.
- **INCREASE** the state's community and public awareness.
- **PROTECT** against the loss of life and property in Oklahoma.

Oklahoma Flood Challenges

LACK OF PUBLIC AWARENESS regarding floodplain management.

LIMITED FLOOD INSURANCE PARTICIPATION OUTSIDE FLOODPLAINS

(~25% of claims come from areas outside of "the chance" flood areas).

DAM SAFETY and downstream development.

LACK OF FLOOD MAPS & RESERVOIR STORAGE CAPACITY INFORMATION

17 unmapped and 19 non-participating counties.

AGING AND DEFICIENT flood control infrastructure.

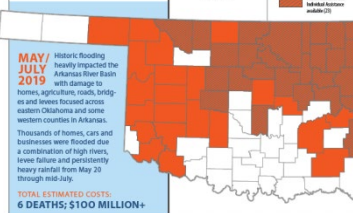
LACK OF FUNDING

for rehabilitation and public outreach.

NEED FOR INCREASED AWARENESS

within retail insurance market.

STATE PROGRAMS ARE HEAVILY DEPENDENT on fluctuating federal dollars and low state funding levels.



OCWP Implementation



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2012:

- **Gross Production Tax Funding** - Continued extensions by Legislature
- **Beneficial Use Monitoring Network**- Legislature injected permanent funding for new SW/GW monitoring network - Legislature
- **HB 3055 Water for 2060 Act** – Sens. Fields; Reps. Steele, Lockhart, and Roan
- **HJR 1085 - State Question 764 – Water Infrastructure Credit Enhancement Reserve Fund** – Sens. Crain, Fields; Reps. Richardson, Hickman, Roan
- **SB 1043 ODEQ Reuse Framework** – Sens. Fields Marlatt , Fields; Rep. Martin

2016:

- **SB 1219 – Aquifer Storage and Recovery framework** – Sen. Fields; Reps. Pfeiffer, Osborn

2017:

- **HB 1485 authorizes pilot programs for aquifer storage and recovery; adds definitions of aquifer storage** – Sen. Griffin & Rep. Watson

OCWP Implementation

Continued



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2018:

- SB 1294 – Authorized **gradual implementation of MAY & statewide well spacing**. – Sens. Pederson, Murdock, Rosino , Griffin; Rep. Pfeiffer, Osborn
- HB 3405 – Authorized use of **marginal quality water** by allowing for responsible and safe completion of **marginal quality water wells** – Sen. Fields; Rep. Watson

2019:

- SB 539 – **Extension of Gross Production Tax** – Sen. Jech; Rep. Newton
- HB 2263 - **Creates GW Irrigation District Act** – Sen. Murdock; Rep. Patzkowsky
- SB 998 - Defines taking and **use of marginal water** to be beneficial and not waste – Sen. Murdock, Rep. Patzkowsky

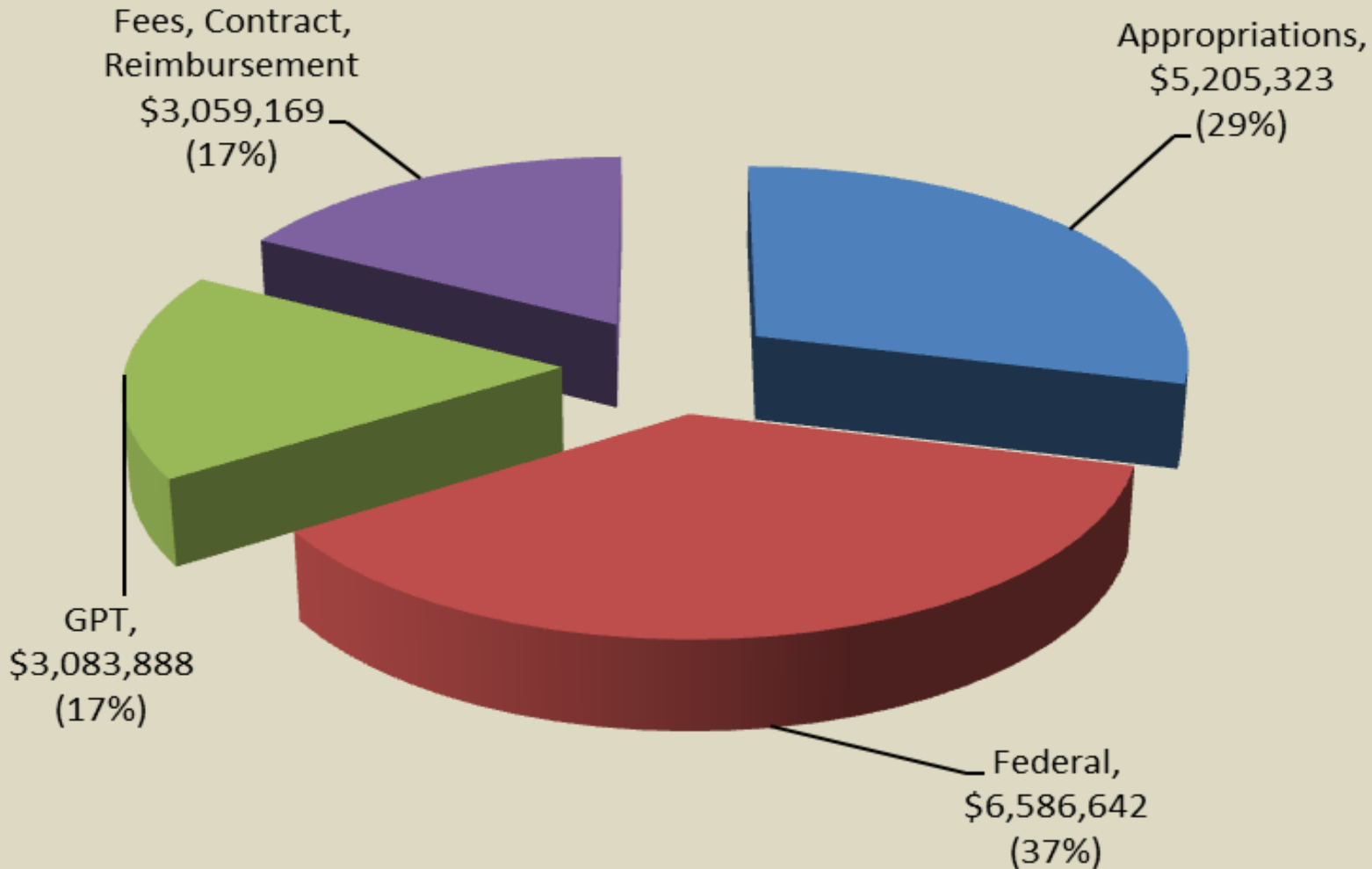
2020:

- SB 1875- Oil & Gas Produced Water and Waste Recycling Act, ownership and disposal responsibilities – Sen. Rader; Rep. O'Donnell
- SB 1269 - Directs OWRB to develop **statewide flood resiliency plan** and creates revolving – fund Sen. Rader; Rep. Sims

OWRB Budget

Total: \$17,935,022

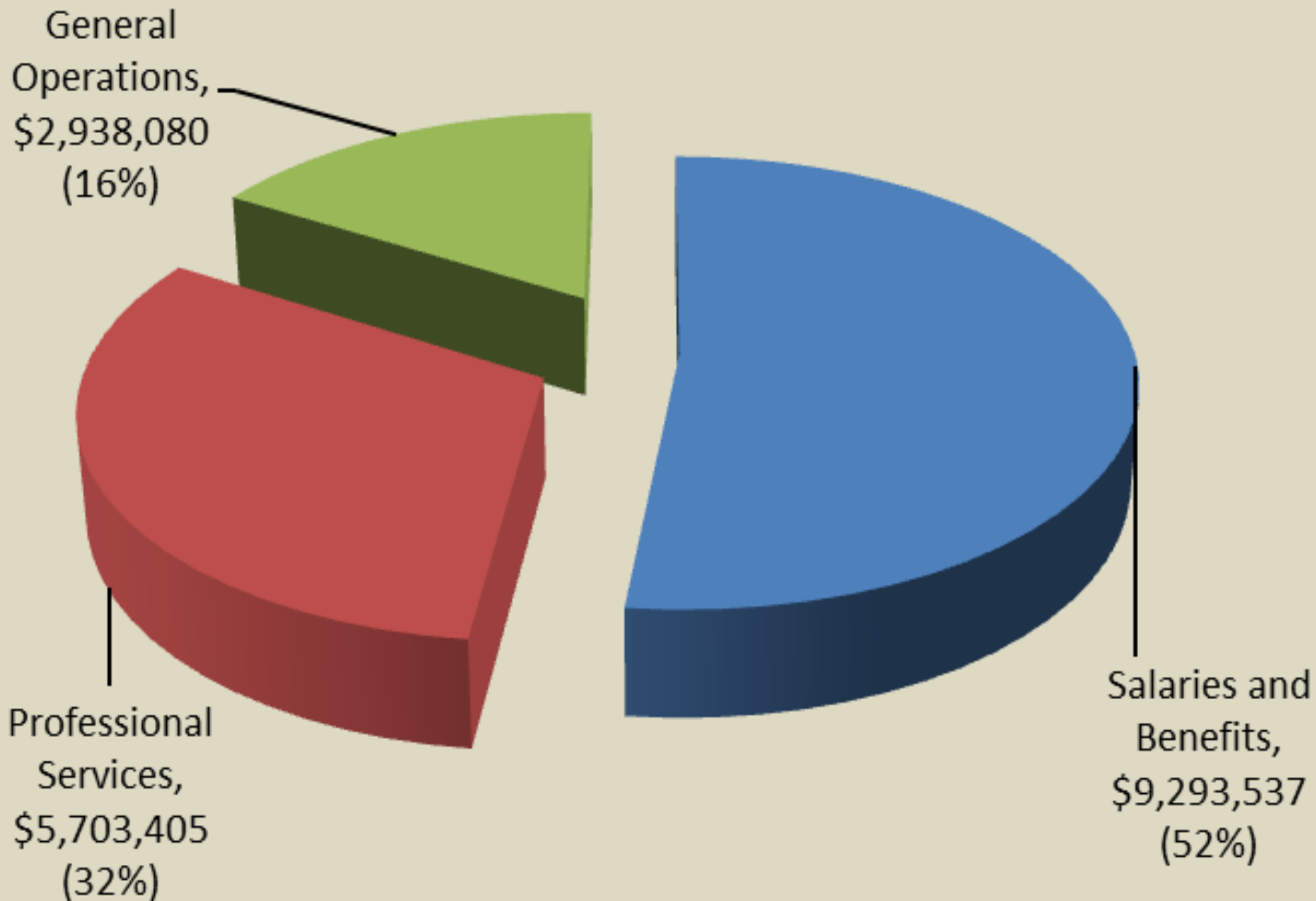
FY21 OWRB Operational Budgeted Sources



OWRB Budget

Total: \$17,935,022

FY21 OWRB Operational Budgeted Uses



Top Accomplishments and Initiatives



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- Surpassed \$5 billion in water infrastructure financing while maintaining AAA bond ratings— Approved 60 loans and grants for \$416 million; saving rural districts and communities \$128 million
- Began 2025 OCWP, including SB 1269 Statewide Flood Plan
- Finalizing collaboration with Arkansas, Ok. Secretary of Energy and Environment, ODEQ to draft rules protect Illinois River
- Further modernizing operations— mobile office capabilities, admin. transactions and customer assistance , expanded online ArcGIS and other public data platforms, IT network collapse into OMES, cloud-data management
- Awarded The Oklahoman Top Workplaces 2020



Strategic Goals

5 year goals – 1 year goals



OKLAHOMA

1. Continue implementation of the Oklahoma Comprehensive Water Plan (OCWP)	<ul style="list-style-type: none">• Address projected \$82 billion infrastructure need through leverage; goal of 300% fed. funding; maintain AAA bond rating• Complete availability investigations for seven major groundwater basins
2. Develop and publish the 2025 update of the OCWP to address future challenges and emerging water policy needs	<ul style="list-style-type: none">• Launch 2025 Plan & complete Phase I stakeholder engagement, G&Os, Ok. Flood Plan scope of work, common digital platform, statewide PWS infrastructure needs survey
3. Modernization OWRB IT Systems, operations, and outputs to reduce costs, increase public access to digital products and services, and transparency	<ul style="list-style-type: none">• Finalize 5-year IT development plan• Develop web-based applications internally to improve customer access to agency services.

Key Updates

Challenges & Opportunities



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- Information Technology Plan – hoping see resolution of ongoing issues related to IT services and increasing costs
- Proposed 2021 Legislation to improve surface water permitting public notice procedures and remove \$25 ceiling on annual fee
- Secure State funding to implement SB 568 (Arbuckle Simpson groundwater study); SB 1269 (new State Flood Plan)
- Secure Federal funding to match State GPT revenues currently dedicated to 2025 Comprehensive Water Plan update

Questions?



OKLAHOMA

OKLAHOMA Water Resources Board
the water agency

Board Meetings | Rules | Forms | FAQ | Reports | About Us | News | Citizen Complaints

Water Use Permitting
Financial Assistance
Well Drilling
Water Planning
Water Quality Standards
Monitoring & Assessment
Groundwater Studies
Surface Water Studies
Dam Safety
Floodplain Management
Drought Monitoring
Interactive Maps & Data

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News

Broken Arrow Oklahoma Water Resources Board and Associated Industries Exhibit on Groundwater Monitoring Well and Drilling Exhibition

Atoka Municipal Authority Receives OWRB Loan to Refinance Debt and Save Customers over \$500K

Public Works Authority Receives \$60,000 Grant for Water System Improvements

Resources

Records Requests
Water Use Permit Applications
Oklahoma Water Resources Bulletin
Water for...
Produced Water Working Group
Oklahoma Governor's Water Conference & Research Symposium
OWRB Fact Sheets
Locating Available Water
Water Facts
Job Openings
Procurement
Water Well Record Search
Interstate Stream Compacts

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