Oklahoma Governor’s Water Conference 2021

Oklahoma Comprehensive Water Plan

WATER MEANS BUSINESS

Owen Mills  Director of Planning | Oklahoma Water Resources Board
John Rehring  OCWP Principal Director | Carollo Engineers
Boldly define, address, and resolve Oklahoma's water challenges

Forecast water needs and solutions for 50 years

Decennial updates per Oklahoma statute

Provide technical information and address policy issues

Robust engagement of water users and uses
2025 OCWP Workplan

Current Focus

1. Plan
   - Vision, Goals & Objectives
2. Analyze
   - Draft PWP & EP
   - Final PWP
   - Supply Planning Model, DB, and Interface
   - Water Supply Availability Analyses
   - Water Quality Analyses
   - Consumptive Water Demand Forecasts
3. Develop
   - State Flood Plan inputs
   - Resilience Assessment
   - Regional & Basin Level Water Mgt Strategies and Supplemental Investigations
   - Focus Basins Identification & Solutions
   - Local Projects & Programs
   - Water Mgt Policies Analyses
   - Water Supply & Availability Analyses
4. Rollout
   - State Flood Plan outputs
   - Refine & Prioritize
   - Reports
   - OCWP Dashboard Rollout
   - Financial Assistance Needs and Recommendations
   - Implementation Plans

Next Phase

5. Engagement

- Apply Oklahoma H₂O Tool
- Refine & Prioritize
- Regional Users
- Regional Planning Groups
- Tribes
- Agencies & Legislators
- General Public
- State Flood Plan inputs
- State Flood Plan outputs
- Refine & Prioritize
- Regional Planning Groups
- Agencies & Legislators
- General Public
- Reports
- OCWP Dashboard Rollout
- Financial Assistance Needs and Recommendations
- Implementation Plans
Planning Spotlights

**Spotlight A: Supply Availability**

- Vision, Goals & Objectives
- Draft PWP & EP
- Final PWP

**Supply Planning Model, DB, and Interface**

1. Supply Availability Analyses
2. Water Supply Availability Analyses
3. Water Quality Analyses

**State Flood Plan inputs**

- Resilience Assessment
- State Flood Plan outputs

**Regional & Basin Level Water Mgt Strategies and Supplemental Investigations**

- Focus Basins Identification & Solutions
- Local Projects & Programs
- Water Mgt Policies Analyses

**Reports**
- OCWP Dashboard Rollout
- Financial Assistance Needs and Recommendations
- Implementation Plans

**PHASES**

1. Plan
2. Analyze
3. Develop
4. Rollout
5. Engagement
Spotlight  
Supply Availability

Water Means Business

2021 Oklahoma Hydrogen Production Task Force  
Pursuant to Senate Bill 1021

OCWP Water Availability Analyses

Example: 2012 OCWP Surface Water Permit Availability map
Regional assessment of threats and solutions
Regional assessment of threats and solutions

AMERICA’S WATER INFRASTRUCTURE ACT (AWIA) REQUIREMENTS
Regional assessment of threats and solutions

- Use regional data to assess vulnerabilities
- Develop best practices to address vulnerabilities
- Support AWIA compliance
- Local projects for potential new financial programs
We’re listening and acting on policy issues

Spotlight on Water Policy:
- Regional planning
- Instream flow management
- Water reuse
- Protecting reservoir yields

Spotlight on Infrastructure:
- Workforce development
- Source water protection
- Infrastructure needs
Planning Spotlights

**Spotlight A: Supply Availability**
- Vision, Goals & Objectives
- Draft PWP & EP
- Final PWP
- Water Supply Availability Analyses
- Water Quality Analyses
- Supply Planning Model, DB, and Interface
- Consumptive Water Demand Forecasts

**PHASES**
1. Plan
2. Analyze
3. Develop
4. Rollout
5. Engagement

**Spotlight B: Supply Resilience**
- Resilience Assessment
- State Flood Plan outputs
- Regional & Basin Level Water Mgt Strategies and Supplemental Investigations
- Focus Basins Identification & Solutions
- Local Projects & Programs
- Water Mgt Policies Analyses

**Spotlight C: Water Policy**
- Reports
- CWP Dashboard Rollout
- Financial Assistance Needs and Recommendations
- Implementation Plans

**Spotlight D: Infrastructure**
- Water Users
- Regional Planning Groups
- Tribes
- Agencies & Legislators
- General Public
Supporting water infrastructure needs across the state

Public Water Supplier Survey

Focus Basins Database

PLANNING REGION D

Recommended Projects

Total capital cost of recommended projects: $730,725,428.

Type to filter by project name

Project ▲

CANTON INDIRECT REUSE

DRILL NEW WELL (EDOM WSC, VAN ZANDT, CARRIZO, NECHES, 2020)

DRILL NEW WELL (EDOM WSC, VAN ZANDT, CARRIZO, NECHES, 2050)

DRILL NEW WELL (EDOM WSC, VAN ZANDT, CARRIZO, NECHES, 2020)

WMS PROJECT - DRILL NEW WELL (EDOM WSC, VAN ZANDT, CARRIZO, NECHES, 2050)

Recommended Water Management Strategies related to Project

Strategy ▲

DRILL NEW WELLS (EDOM WSC, VAN ZANDT, CARRIZO, NECHES)
Get involved in YOUR state water plan

Multiple opportunities to learn, engage, and help shape the plan

Ongoing and Upcoming Opportunities

Policy work groups

Coordination and input meetings
  > Regional Planning Groups
  > Tribal Nations
  > Water Users

Updates on OCWP web page

Subscribe to receive project updates

www.owrb.ok.gov/ocwp/2025OCWP.php
Thank You!

Owen Mills
OCWP Project Manager // Director of Planning
Oklahoma Water Resources Board

John Rehring
OCWP Principal Director
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## Certification Deadlines

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<th>Population Served</th>
<th>Risk and Resilience Assessment</th>
<th>Next 5-Year Cycle Submission Date</th>
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<tr>
<td>3,301-49,999</td>
<td>June 30, 2021</td>
<td>June 30, 2026</td>
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<th>Emergency Response Plan*</th>
<th>Next 5-Year Cycle Submission Date*</th>
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</tr>
</tbody>
</table>

*Emergency response plan certifications are due six months from the date of the risk assessment certification. The dates shown above are certification dates based on a utility submitting a risk assessment on the final due date.