

Drought Preparedness Plan Update - 2022



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Agenda



Council comments & direction

- ➔ Drought Preparedness Plan (DPP)- update required by ADWR
- ➔ Related ordinance changes

Topics

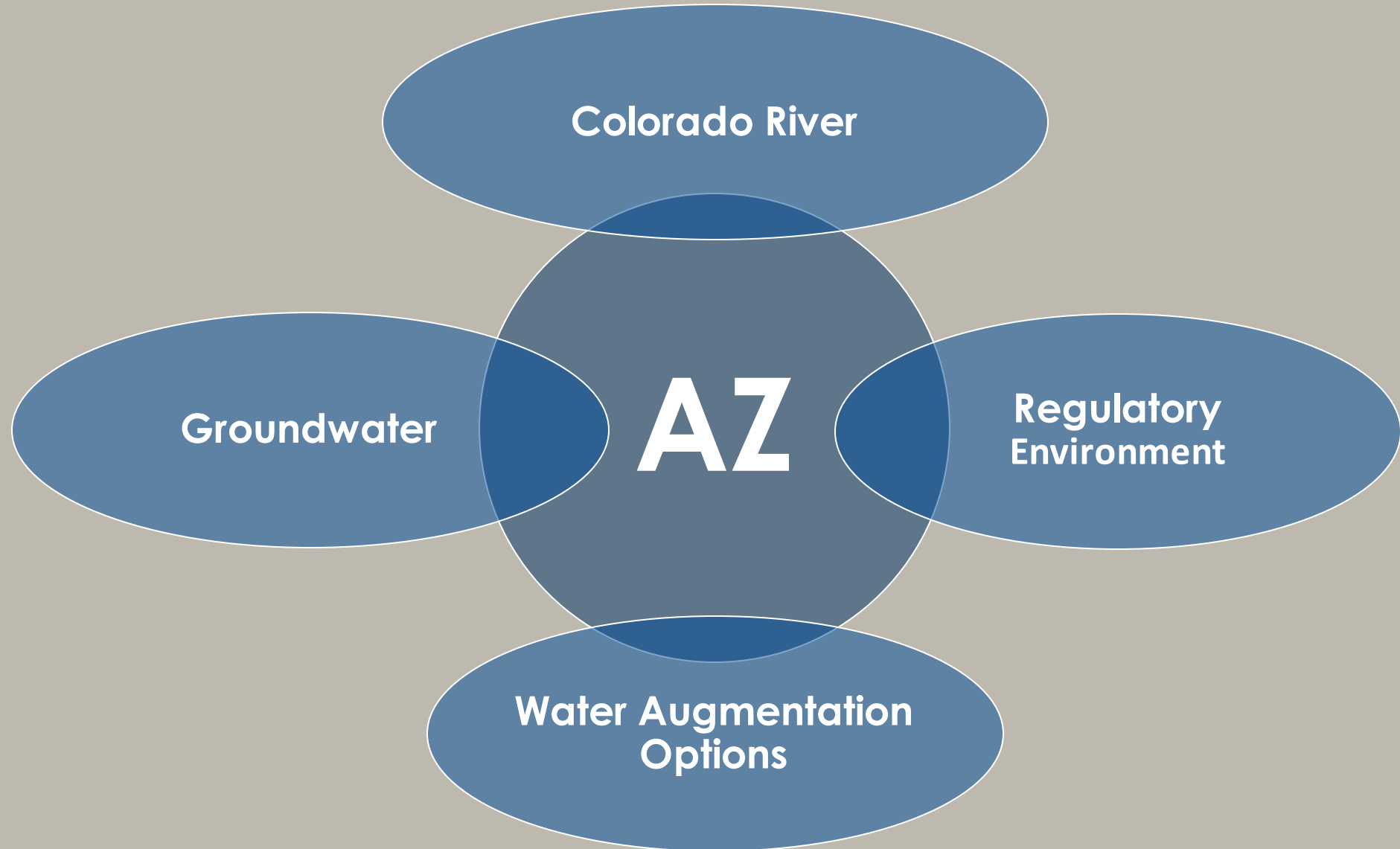
- ➔ DPP definition and process for declaration
- ➔ Water in Arizona
- ➔ Water in Goodyear- strategies and production capabilities
- ➔ Changes in DPP and ordinance
- ➔ Next steps

Drought Preparedness Plan

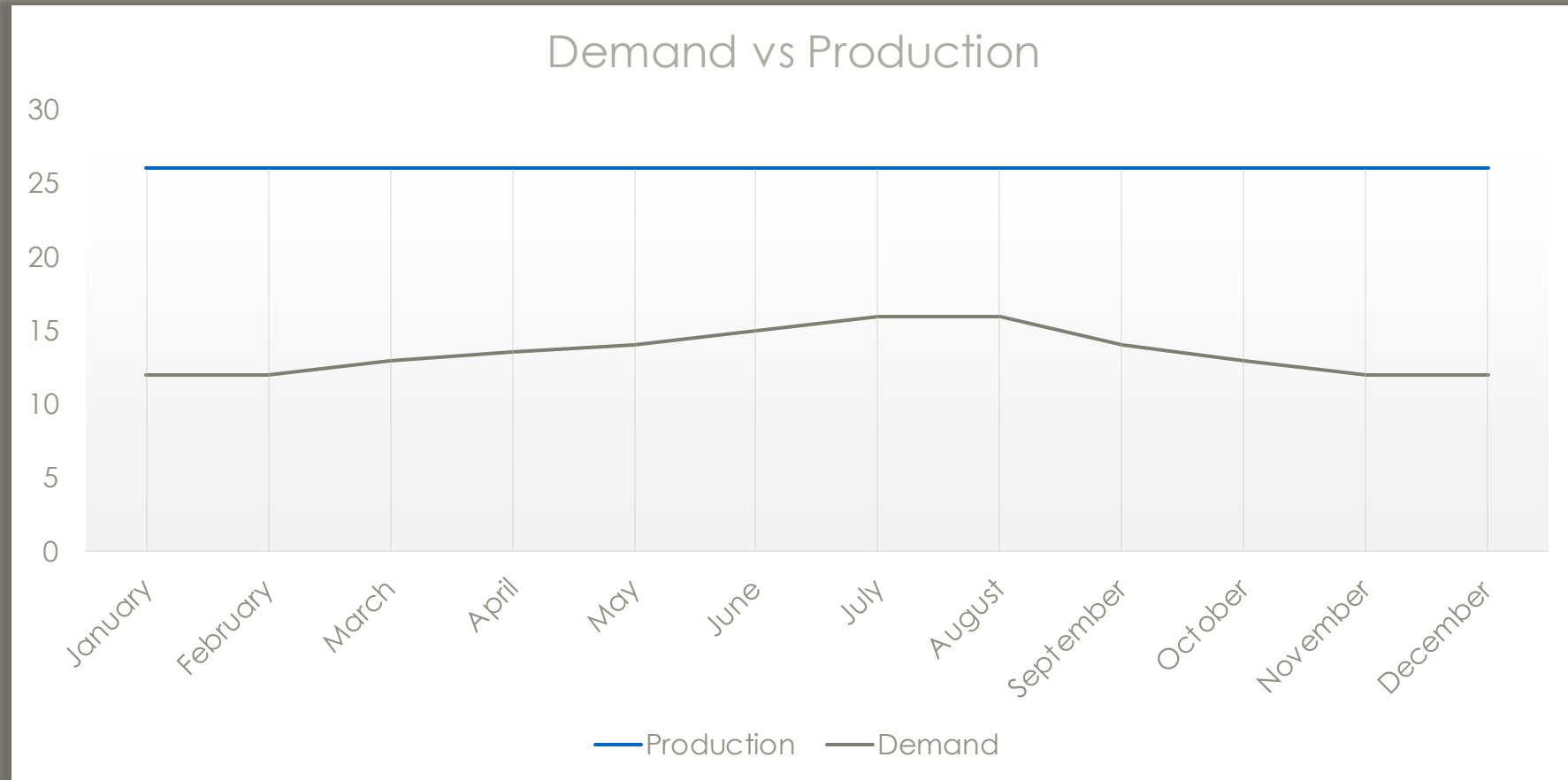


- ➔ Required by the Arizona Department of Water Resources
- ➔ Creates a strategy for dealing with water shortages
- ➔ Connects with other plans: IWMP / Conservation
- ➔ Unique to every city

Arizona Water Challenges



Goodyear Water Production



DROUGHT PREPAREDNESS



GOODYEAR'S TOOLS AND STRATEGIES

IWMP

- ➔ Long-term planning
- ➔ Water Resources alternatives
- ➔ Regional involvement

Infrastructure

- ➔ Surface Water Treatment Facility
- ➔ Wells
- ➔ Distribution
- ➔ Operational strategies

Stewardship

- ➔ Water efficiencies
- ➔ Conservation & outreach
- ➔ Water accounting
- ➔ Curtailment (DPP)

Current DPP



- ➔ Developed in 2012
- ➔ Four Stages
 - Stage I- 90 % Demand
 - Stage II- 95% Demand
 - Stage III- Demand Exceeds Supply
 - Stage IV- Emergency
- ➔ Ordinance
- ➔ Process for declaration

Proposed Changes



Ordinance

- ➔ Update name of plan
- ➔ Remove plan specifics
- ➔ Allow for staff level changes of the document

Proposed

- ➔ Update name
- ➔ Focus on an operational response
- ➔ Stages:
 - Trigger points account for regional impacts- Stage 1
 - In line with current water system
 - More flexibility in response- menu of actions
- ➔ City manager has more flexibility to declare stages

Next Steps



DPP

- ➔ Incorporate Council direction
- ➔ Council adoption of Plan and Ordinance

Related Actions

- ➔ Understanding Rainbow Valley (Mid-term IWMP)
 - Existing conditions
 - Long-term support
- ➔ Water Advisory Committee