

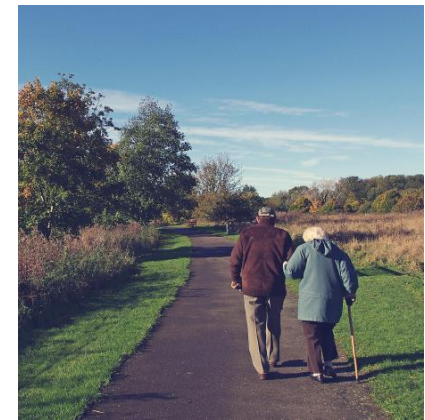
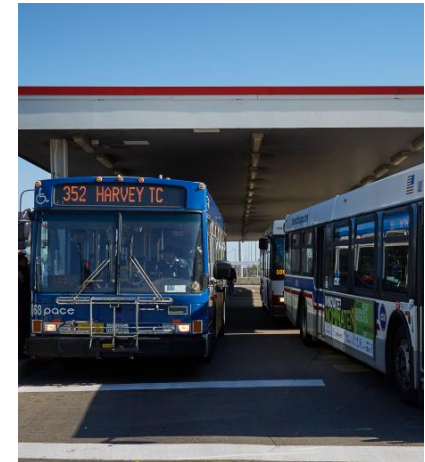


Chicago Metropolitan  
Agency for Planning



# NWPA Water Supply Sustainability Plan: Vision and Goals Development

NWPA Executive Committee May 25, 2023



# Agenda

1. Water Supply Sustainability Plan overview
2. Visioning process
  - Vision statement review and confirmation
3. Goal development process
  - Goal statements review and confirmation

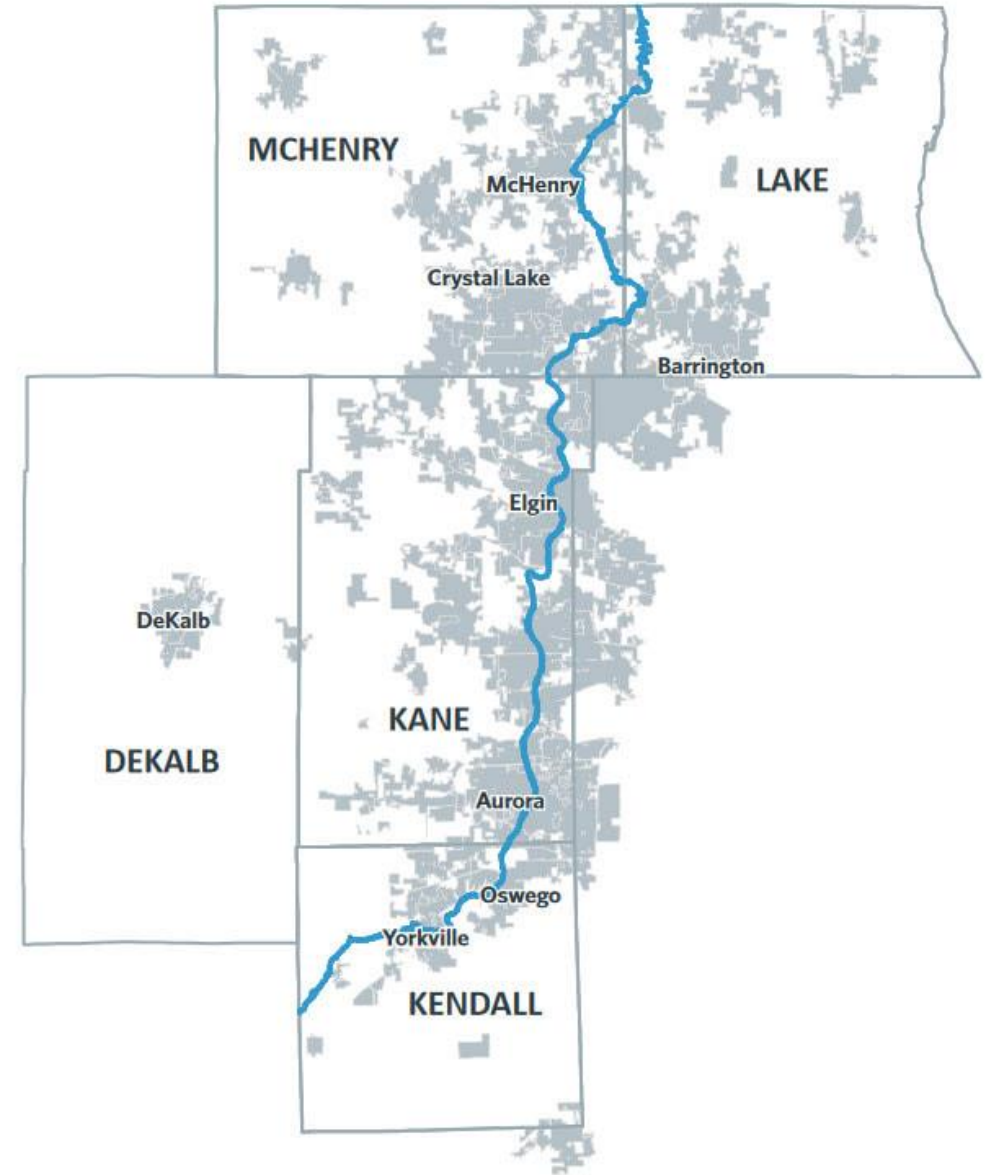
# Water Supply Sustainability Plan overview

# Project overview

## *Purpose:*

Develop a water supply sustainability plan for the NWPA region.

- 24 months, started in January 2023
- Funded by the Illinois Department of Natural Resources
- Project partners – NWPA (TAC and EC), Illinois-Indiana Sea Grant (IISG)



# Project overview

## *Plan objectives:*

- Establish water sustainability goals
- Identify voluntary, feasible, and effective strategies NWPA members can take
- Build greater municipal awareness of priority strategies and resources
- Serve as a template to guide local planning efforts

# Project overview

## ***What it is...***

- Voluntary
- Broad potential water savings estimates for the NWPA region, not focused on any one municipality
- Raises awareness of the need for action and provides steps

## ***What it is not...***

- Does not establish any new or broader regulatory authority
- Does not address unique conditions and issues facing individual municipalities
- Some locations may need to conserve more water
- Local governments, particularly in risk areas, will still need to develop their own local plans

# Project overview

## *Plan outcomes*

- A shared vision
- Broad potential water savings recommendations to promote the long-term sustainability of the water supply sources used by NWPA communities

# Project scope and timeline



\*Plan chapter draft / deliverable



# EC role and expectations

Participate in EC meetings

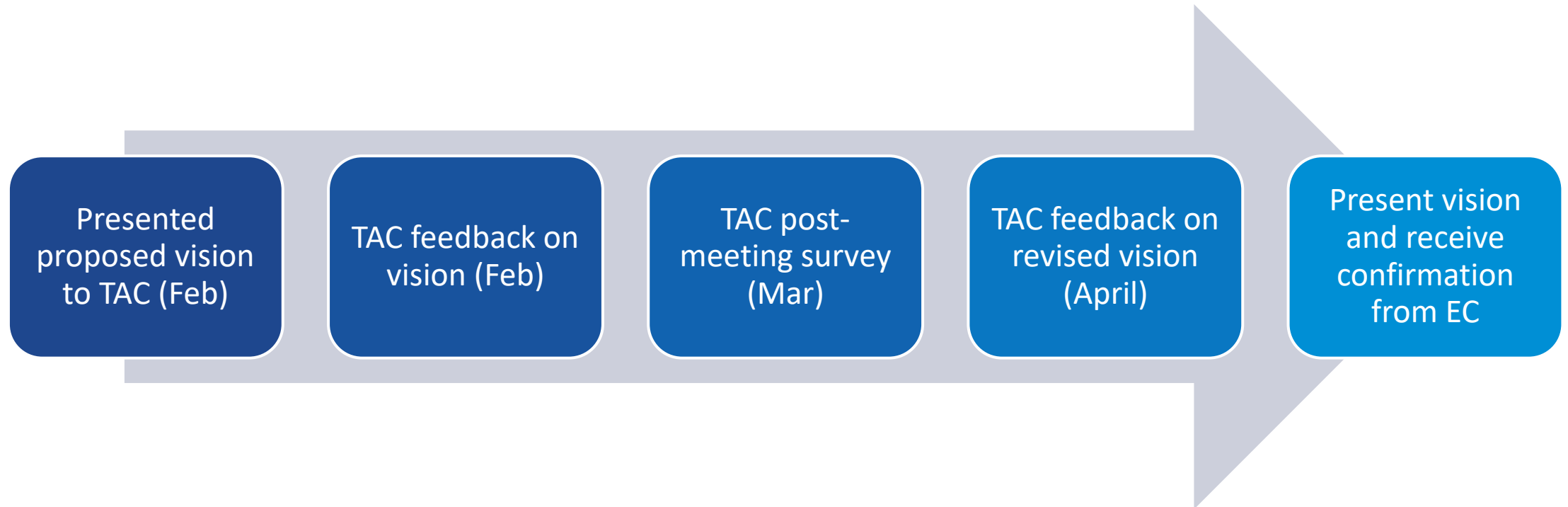
Review and confirm key milestones/deliverables:

- Vision and goal development
- Strategy selection
- Current and feasible implementation
- Strategy confirmation

Assist with outreach and education

# Plan visioning

# Visioning process



# Proposed vision statement

## NWPA Water Supply Sustainability Plan Vision:

"The NWPA water supply sustainability plan will serve as a roadmap for members seeking to take voluntary steps toward feasible and effective long-term use of water supply resources."

### ***NWPA Mission Statement:***

The NWPA, formed by intergovernmental agreement, seeks to collaboratively plan for and steward our shared river and groundwater resources to ensure a sustainable water supply for the people, economy, environment, and future generations.

### ***NWPA Vision Statement:***

The NWPA area will have dependable supplies of water for generations to come.

*Source: Northwest Water Planning Alliance  
2020-2024 Strategic Plan*

# Mentimeter polling

Join at [menti.com](https://menti.com) use code 5551 9200

 Mentimeter

## Instructions

Go to  
[www.menti.com](https://www.menti.com)

Enter the code

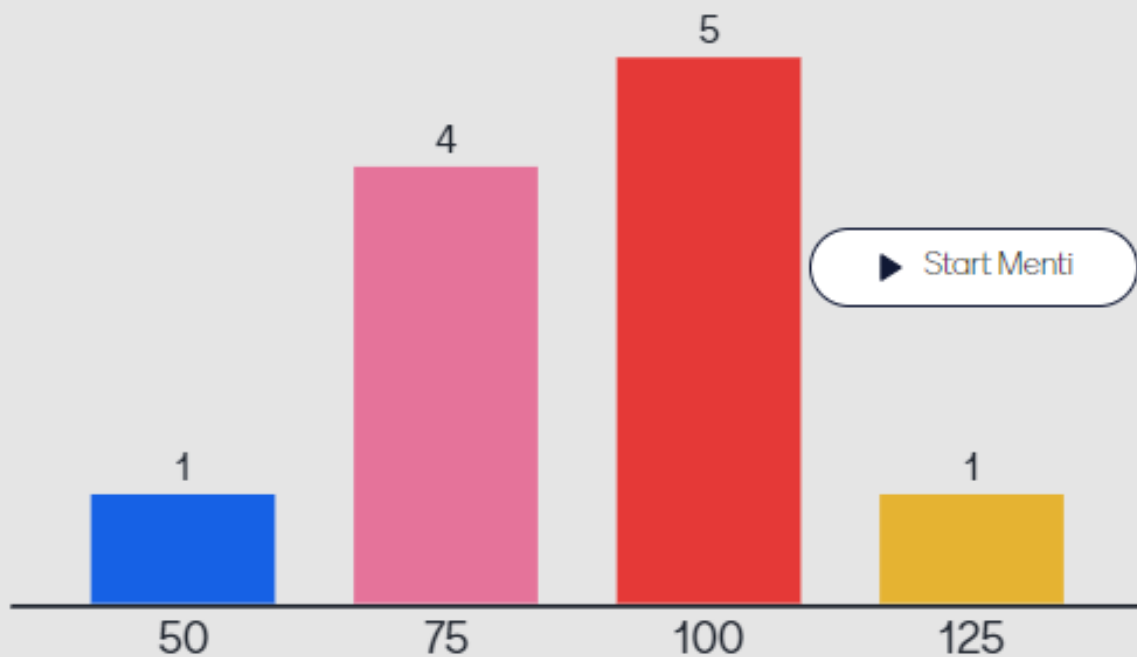
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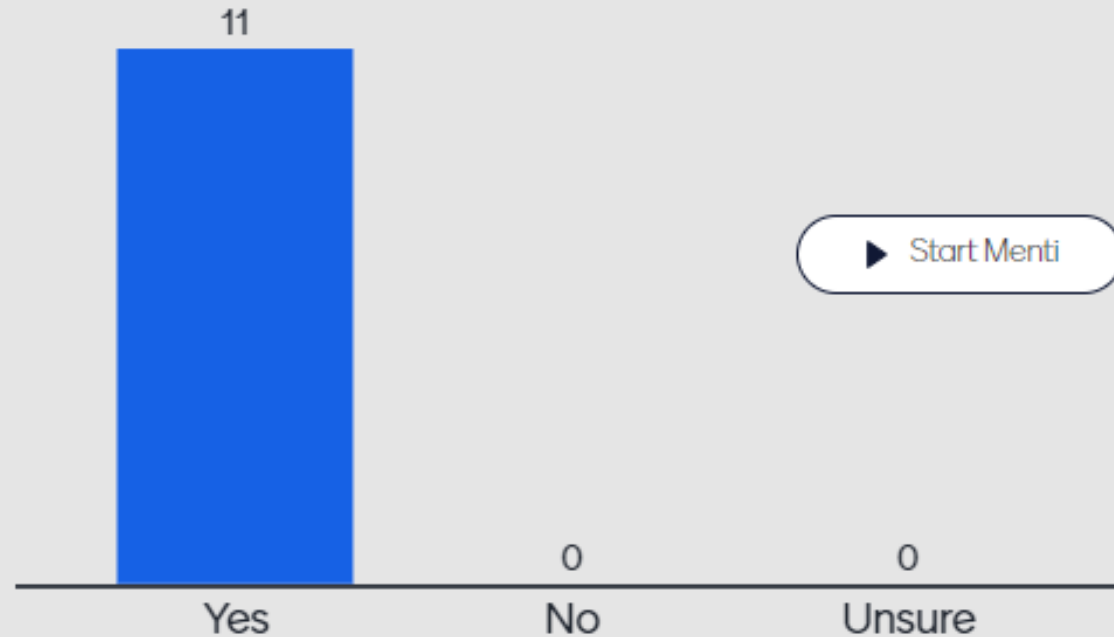
Or use QR code



# How much water is used to grow a watermelon?



## Do you agree with the vision statement?



### NWPA Water Supply Sustainability Plan Vision:

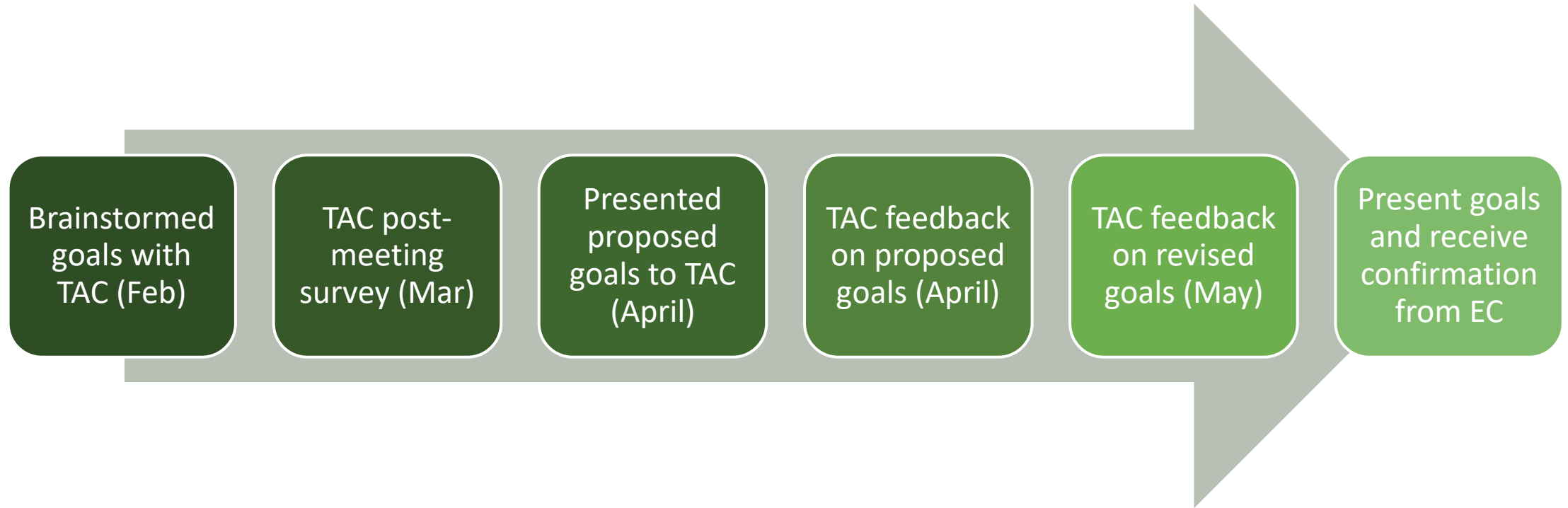
“The NWPA water supply sustainability plan will serve as a roadmap for members seeking to take voluntary steps toward feasible and effective long-term use of water supply resources.”



# Goal development



# Goal development process



# Proposed goals

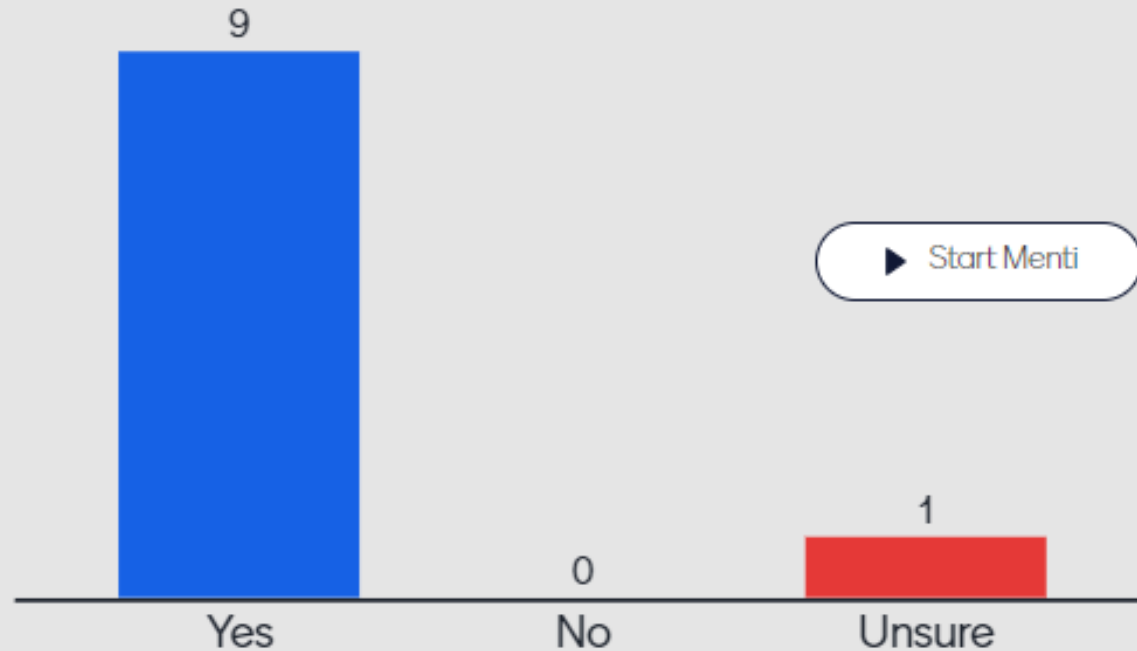
**Lake Michigan:** NWPA communities needing an alternative water source will have access to a sufficient, affordable, and safe water supply within the legal limits of Illinois' Lake Michigan allocation.

**Fox River:** The Fox River will provide NWPA communities with an affordable, safe, and reliable water supply while sustaining aquatic ecosystems.

**Sandstone:** Water withdrawals will be managed at a rate that extends the life of the deep aquifers and gives NWPA communities experiencing adverse dewatering impacts adequate time to switch water sources.

**Shallow:** Shallow aquifers will provide NWPA communities and households with an affordable, safe, and sufficient water supply while supporting healthy aquatic ecosystems.

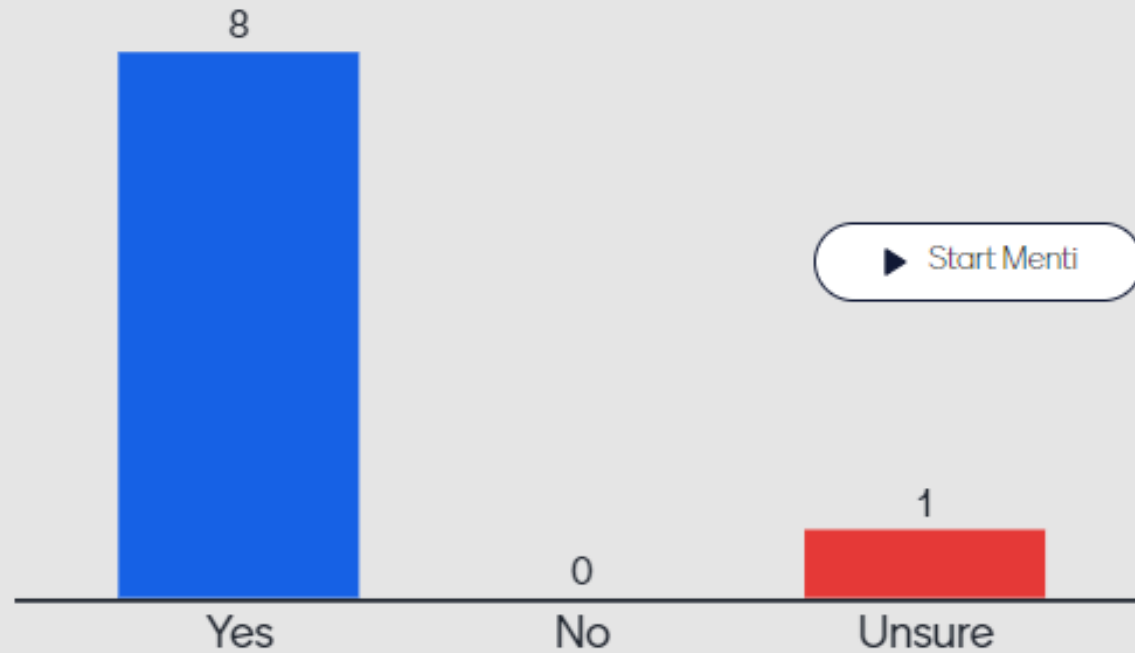
# Do you agree with the Lake Michigan goal?



## Lake Michigan goal:

“NWPA communities needing an alternative water source will have access to a sufficient, affordable, and safe water supply within the legal limits of Illinois’ Lake Michigan allocation.”

# Do you agree with the Fox River goal?

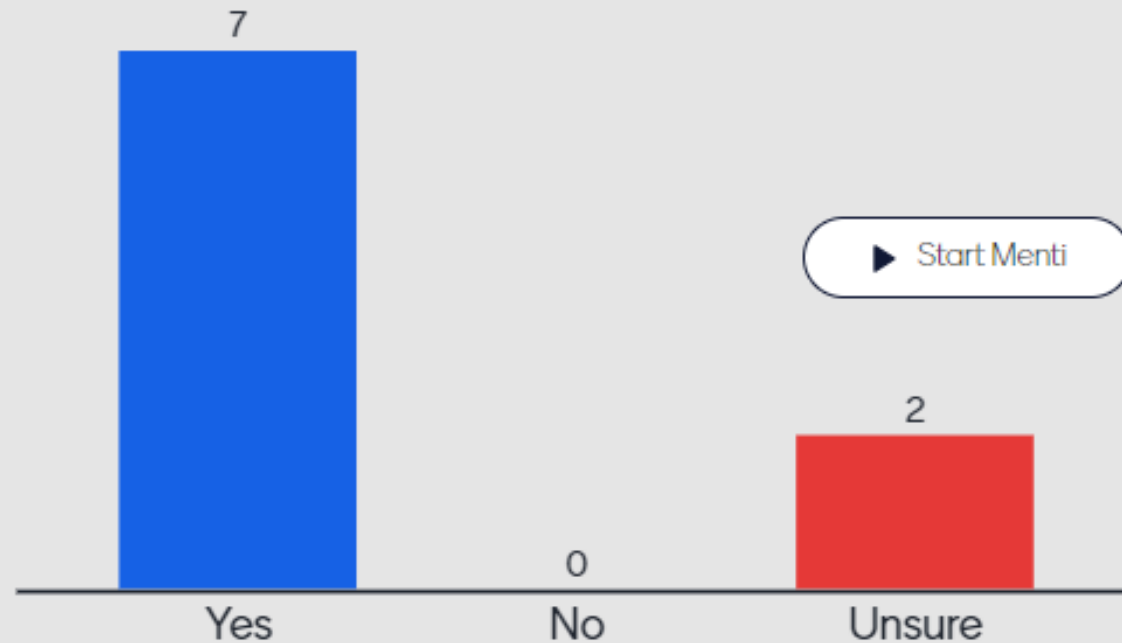


## Fox River goal:

“The Fox River will provide NWPAs communities with an affordable, safe, and reliable water supply while sustaining aquatic ecosystems.”



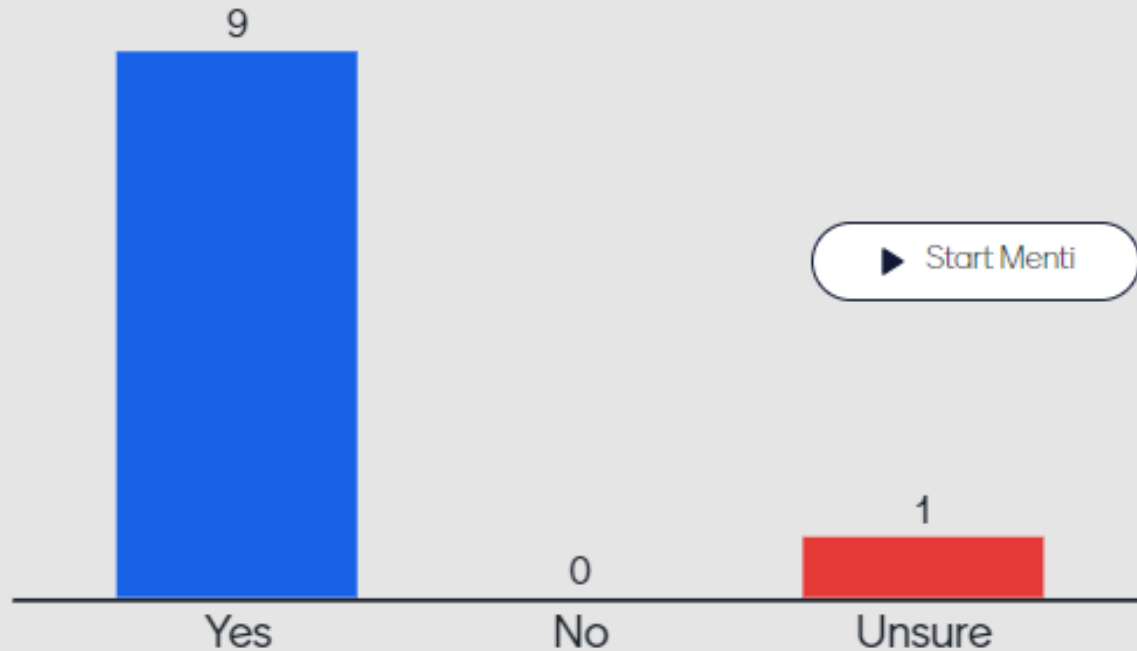
## Do you agree with the sandstone aquifer goal?



### Sandstone aquifer goal:

“Water withdrawals will be managed at a rate that extends the life of the deep aquifers and gives NWPA communities experiencing adverse dewatering impacts adequate time to switch water sources.”

# Do you agree with the shallow aquifer goal?



## Shallow aquifer goal:

“Shallow aquifers will provide NWPA communities and households with an affordable, safe, and sufficient water supply while supporting healthy aquatic ecosystems.”

# Upcoming EC meetings

**July 27**

WSSP: Strategy selection

**September 28**

WSSP: Strategy assessments

**November 30**

WSSP: Strategy assessments



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# Questions?

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