

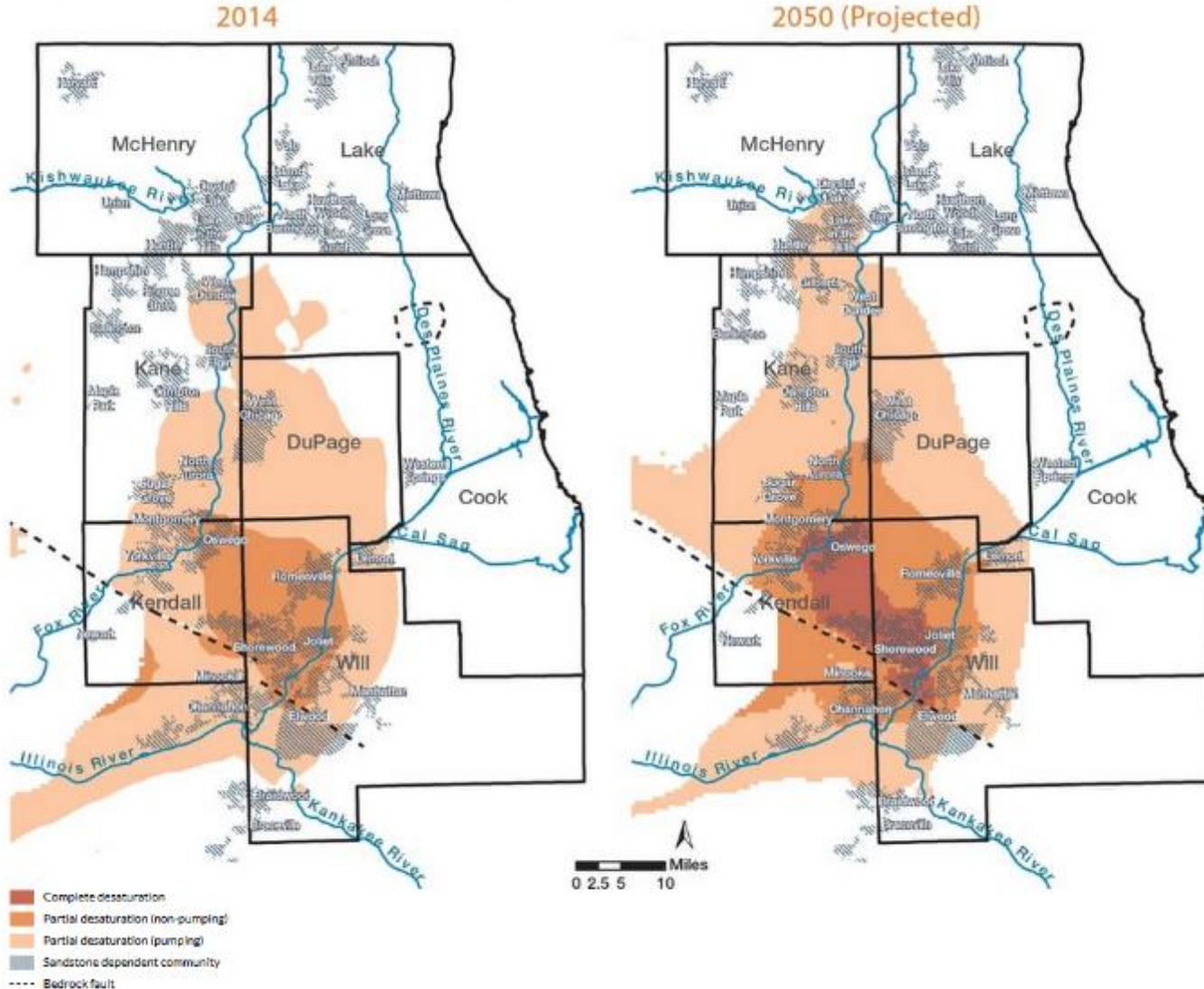
Drinking Water 1-2-3 Initiative

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Metropolitan Planning Council (MPC)
ENR Committee Meeting July 11, 2019



Supply Constraints

Progression of groundwater depletion over time with continued well pumping

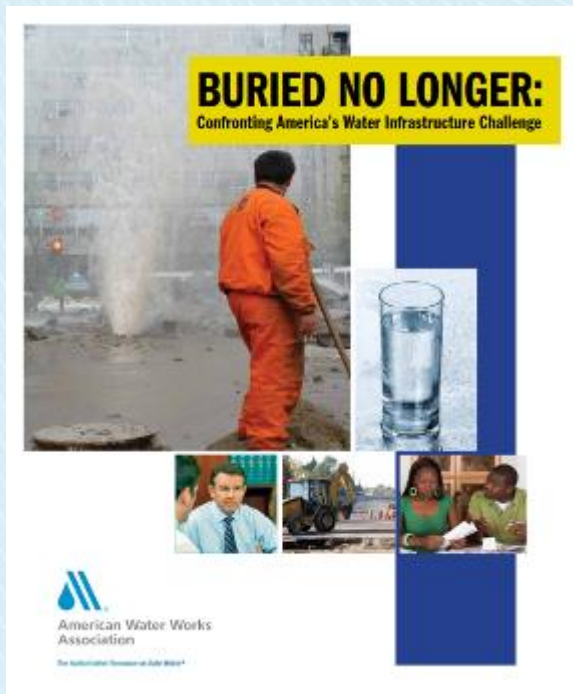


Source: Illinois State Water Survey and Chicago Metropolitan Agency for Planning

Source Water Pollution



Infrastructure Replacement Era

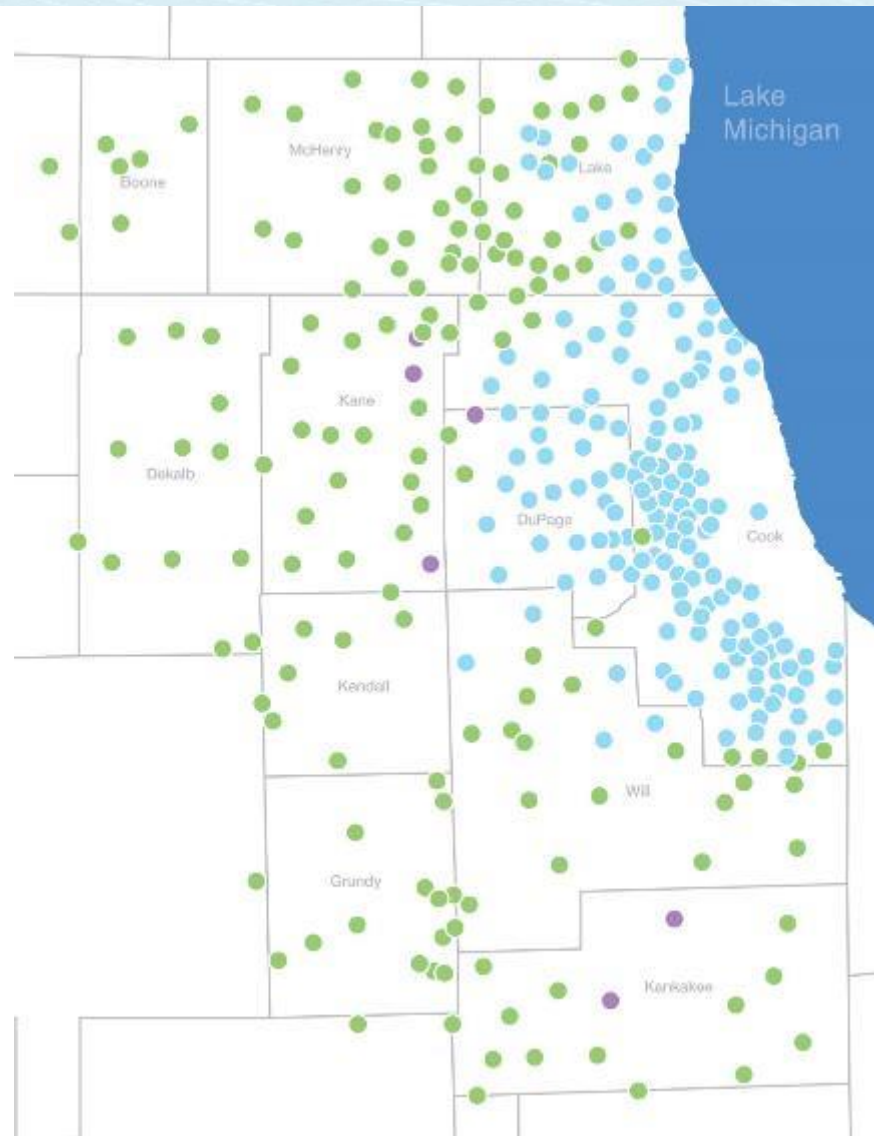


Coordination is Necessary

Northeastern Illinois has more than 400 community water supply systems.

- Lake Michigan Water
- Groundwater
- River and groundwater

Source Metropolitan Planning Council



Drinking Water 1-2-3

A guide for local officials and
community leaders.



www.metroplanning.org/drinkingwater123

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Meet Your Water: An Introduction

Understanding Drinking Water in Northeastern Illinois

Sources
P 12

Treatment
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Infrastructure
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Your Water's Keeper: Utilities and Regulators

Understand Drinking Water Management and Laws

Utility Management
P 25

Regulation
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Murky Waters: The Challenges We Face

Understand Drinking Water Issues in Our Region

Supply Constraints
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Pollution
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Crumbling
Infrastructure
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Fragmented Systems
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Climate Change
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GO

Taking Action: Your Guide to Important Practices

Understand the actions you need to take

Protect Your Source
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Ensure You Have Enough
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Maintain Your Infrastructure
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Finance Your System
P 70

Plan and Coordinate With
Your Neighbors
P 78

Engage Your Community
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Drinking Water



Academy

Two Parts to the Academy:

1. Regional Events
2. Technical Assistance

Goals:

- Education + Training
- Peer Network
- Implementation Projects

2 Remaining Academy Events

Event #3 - Tuesday, July 23rd (8 a.m. – noon)

- **Elgin**, co-host: the Northwest Water Planning Alliance
- Topics: demand management, water rate setting & conservation pricing, and sensible salting

Event #4 - Thursday, September 12 (8 a.m. – noon)

- **Barrington**, co-host: Barrington Area Council of Governments
- Topics: incorporating water supply management needs and goals into community comprehensive plans, and water demand forecasting

www.metroplanning.org/academy

These events provide continuing education credits!

Technical Assistance Applications

MPC is **now accepting applications** for technical assistance for implementation of critical best practices in drinking water management. Project selections will be made in late 2019, with projects taking place in 2020.

The deadline for application: **Friday, October 11, 2019.**

Guidelines:

- Projects should align with best practices featured in *Drinking Water 1-2-3* guide.
- Applicants must be representatives of a municipality or a municipal partnership (i.e., multiple municipalities or a municipality with a non-profit organization, park district, etc.) within northeastern Illinois.
- Applicant must have the authority and ability to implement the project.

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Technical Assistance Applications

Example Technical Assistance projects:

1. Creating a community plan for lead service line remediation public education
2. Incorporating water needs & goals into community comprehensive plans
3. Assistance starting service sharing and/or joint procurement
4. Embracing improved customer education & engagement strategies
5. Addressing affordability and/or conservation in water rate setting
6. Implementing water loss control best practices
7. Rolling out sensible salting practices
8. Etc.

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Thank you!



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