

# NWPA Technical Advisory Committee – Nov 22, 2011

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# Key Issues

- **Have member communities implemented ordinances?**

- What kinds?
- Based on what? Why?
- How?
- Who is responsible for changing behavior?
- Are they being enforced?
- How are they being measured/monitored?

- **Interactive effects**

- Within NWPA
- Intergovernmental agreements
- Between NWPA members and non-members

# Methods

- **Literature review**

- Standards for various ordinances
- How to conduct an ordinance review

- **Ordinance review**

- Catalog all water conservation, efficiency & protection-related ordinances
- Determine enforcement
- Determine performance tracking/impact monitoring

- **Ordinance assessment**

- Best practices
- Recommendations for short-, mid- and long-term
- Recommendations for interjurisdictional coordination






- **Geographic analysis**

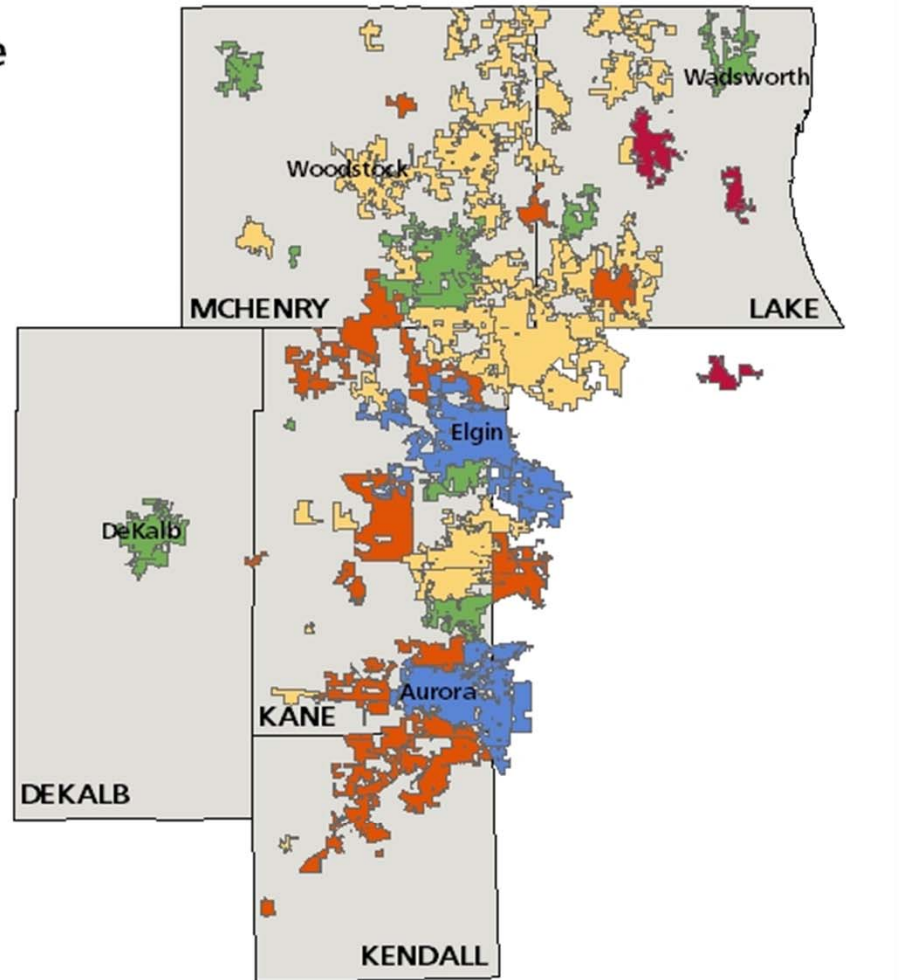
# Deliverables

- **November 22: Maps of communities by ordinance type**
- **January 24: Assessment of implementation, enforcement and monitoring strategies**
- **February 28: Preview of assessment mechanism**
  - Determining necessary elements for successful ordinances
- **March 27: Preliminary recommendations on optimal ordinance types for municipal and interjurisdictional implementation**
- **April 24: Final presentation**
  - Begin implementation discussion

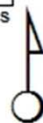
### NWPA Communities by Water Source

#### Water Source

-  Deep Aquifer
-  Deep Aquifer and River
-  Deep and Shallow Aquifer
-  Shallow Aquifer
-  Lake



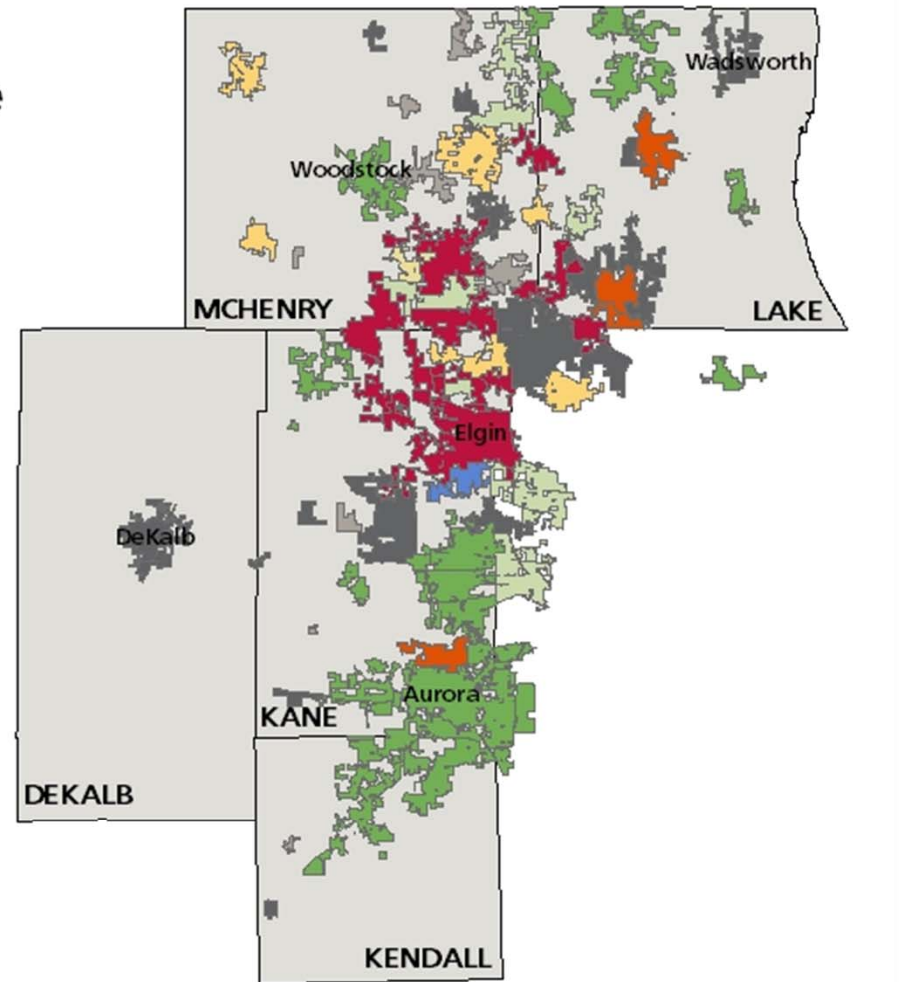
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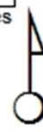
### NWPA Communities by Lawn Watering Restriction Ordinance Type

#### Lawn Watering Restriction Type

- Status
- Time
- Even/Odd (Time)
- Even/Odd (Day)
- Even/Odd (Day-Specific)
- Day
- Emergency
- None
- Unknown

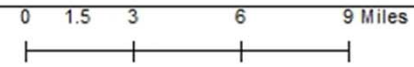
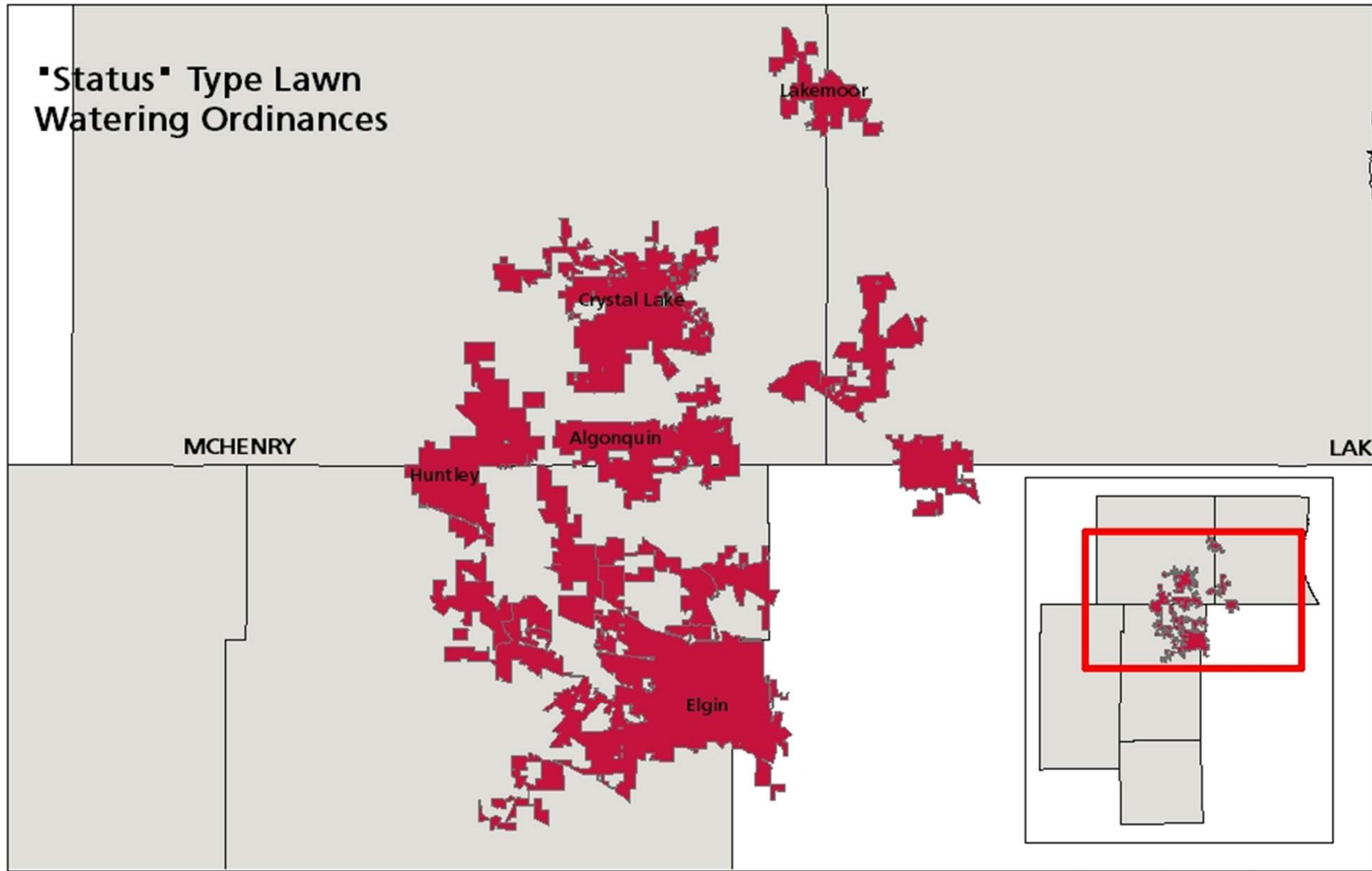


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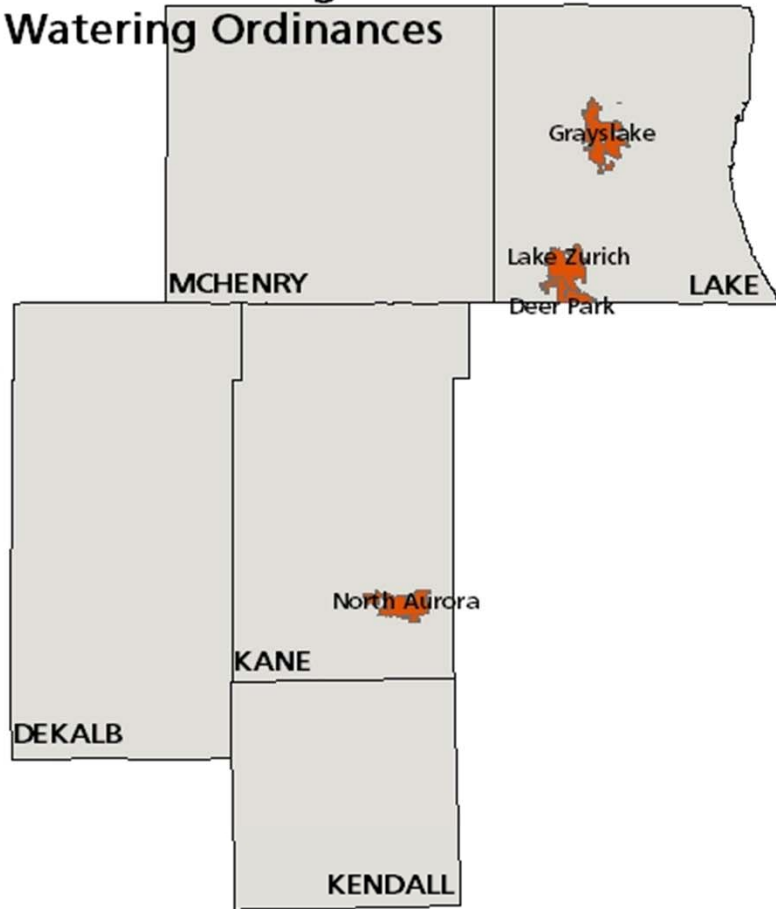
Type	Description	Example	Communities
Status	Uses colors or levels to change restrictions as needed.	Green: Ban from 9am-6pm, Yellow: Evens go on even days, odds go on odd days, follow time restriction, Red: Prohibited	Algonquin, Barrington, Crystal Lake, East Dundee, Elgin, Fox River Grove, Gilberts, Huntley, Lake Barrington, Lakemoor, Pingree Grove, West Dundee
Time	Restricts watering by time only.	Ban from 10am-5pm	Deer Park, Grayslake, Lake Zurich, North Aurora
Even/Odd (Time)	Restricts watering by both time and even addresses go on even days, odds go on odd days.	Ban from 9am-6pm, evens on even days, odds on odd days	Antioch, Aurora, Batavia, Burlington, Elburn, Fox Lake, Geneva, Green Oaks, Hampshire, Lake Villa, Lindenhurst, Montgomery, Oswego, Prospect Heights, St. Charles, Sugar Grove, Woodstock, Yorkville
Even/Odd (Day)	Restricts watering by day according to even or odd address.	Evens go on even days, odds go on odd days	Bartlett, Johnsburg, Lake in the Hills, Sleepy Hollow, Spring Grove, Wauconda, West Chicago
Even/Odd (Day-Specific)	Restricts watering according to even or odd address, but by specific day of the week.	Evens go on Wednesday, Friday & Sunday, odds go on Tuesday, Thursday & Saturday	Lakewood
Day	Restricts water by day only.	No watering on Mondays. Follows Even/Odd (Day-Specific) during emergencies	South Elgin
Emergency	No regular restriction, but Mayor, Village Board or other entity in power has authority to declare a water emergency and restrict lawn watering as needed.	Mayor can make an emergency proclamation and ban all outdoor water use	Carpentersville, Harvard, Island Lake, Marengo, McHenry, South Barrington
None	No restrictions.	None	Barrington Hills, Big Rock, Campton Hills, DeKalb, Hainesville, Hawthorn Woods, Hebron, Inverness, Kildeer, Maple Park, McCullom Lake, Newark, North Barrington, Prairie Grove, Ringwood, Tower Lakes, Virgil, Wadsworth, Wayne
Unknown	Ordinance not yet found.	Unknown	Bull Valley, Cary, Greenwood, Kaneville, Lily Lake, Millbrook, Richmond, Trout Valley, Union

# Lawn Watering Ordinance Types

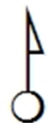
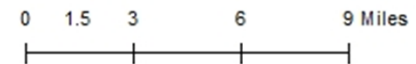




### Time Restricting Lawn Watering Ordinances






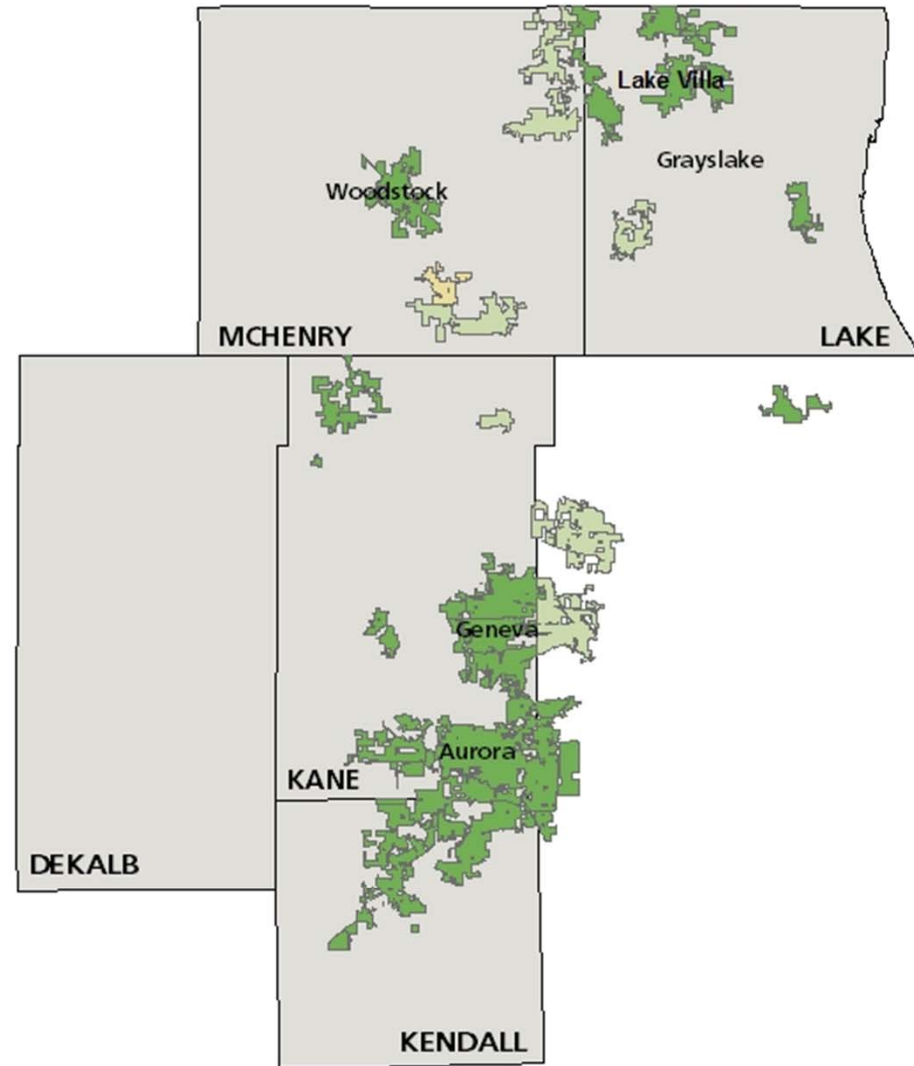
### Day Restricting Lawn Watering Ordinances



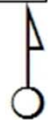
### Day- & Time-Restricting Lawn Watering Ordinances based on Even/Odd Address

#### Ordinance Type

-  Even/Odd (Time)
-  Even/Odd (Day)
-  Even/Odd (Day-Specific)



0 1.5 3 6 9 Miles



### No Lawn Watering Ordinances or Only Emergency Provisions

**Ordinance Type**

-  Emergency
-  None

