



**COUNTY OF KENDALL, ILLINOIS**  
**Health & Environment Committee**  
**County Office Building**  
**County Board Room 210**

**Monday, September 18, 2017 – 3:00p.m.**  
**MEETING AGENDA**

- 1. Call to Order**
- 2. Roll Call:** Judy Gilmour (Chair), Elizabeth Flowers (Vice Chair), Tony Giles, Matthew Prochaska, John Purcell
- 3. Approval of Agenda**
- 4. Approval of Minutes from August 21, 2017**
- 5. Status Reports**
  - Board of Health
  - Health Department
  - Soil & Water
  - Water Related Groups
  - Other Reports
- 6. Old Business**
- 7. New Business**
- 8. Chairman's Report**
- 9. Public Comment**
- 10. Questions from the Media**
- 11. Action Items for the County Board**
- 12. Executive Session**
- 13. Adjournment**

If special accommodations or arrangements are needed to attend this County meeting, please contact the Administration Office at 630- 553-4171, a minimum of 24-hours prior to the meeting time

**COUNTY OF KENDALL, ILLINOIS**  
**Health & Environment Committee**  
**Monday, August 21, 2017**  
**Meeting Minutes**

**CALL TO ORDER**

The meeting was called to order by Chair Judy Gilmour at 8:32a.m.

**ROLL CALL**

Committee Members Present: Tony Giles - here, Matthew Prochaska – here, Judy Gilmour – here

Members Absent: Elizabeth Flowers, John Purcell

*Member Purcell arrived at 8:34a.m.*

Others Present: Dr. Amaal Tokars and Terri Olson, KC Health Department

**APPROVAL OF AGENDA** – Member Prochaska made a motion to approve the agenda, second by Member Flowers. **With three members present in agreement, the motion carried.**

**APPROVAL OF MEETING MINUTES** – Member Prochaska made a motion to approve the meeting minutes from July 17, 2017, second by Member Flowers. **With three members present voting aye, the motion carried.**

**STATUS REPORTS**

- **Board of Health** – No report
- **Health Department** – Dr. Tokars shared her perspective on the policy reflection of the property and issues at Hide Away Lake Campground. Dr. Tokars suggested a thoughtful review and determining what is fair to the citizens residing there, and if it is a trailer park, a campground or a residence. Discussion on the ordinance, any changes that can/should be made to the current ordinance, residents living at the property year-round.

Terri Olson, Community Health Services Director, provided an update on the Zika virus and information they have been distributing to the residents of Kendall County. Ms. Olson provided the list of symptoms including fever, rash, joint pain or red eyes. Ms. Olson also reviewed the testing statistics for Kendall County, and stated there have been several changes, including Illinois being listed as in the “safe zone” because of freezing, and that mosquito’s cannot survive in the cold. Ms. Olson reported that the Health Department received a Zika grant and has been educating citizens on the Zika virus symptoms, transmissions, treatment and prevention, at back-to-school bashes, local workplace facilities, and other events.

Ms. Olson also updated the committee on the Denque and Chikungunya viruses.

Dr. Tokars reported there continues to be research on what mosquito's can carry, the largest risks of travel and sexual transmissions, and on community engagement in the fight against the Zika virus.

- **Kendall County Soil and Water District** – No report
- **Water Related Groups** – The Stormwater Oversight Committee will meet prior to the County Board meeting on September 5, 2017.

**OLD BUSINESS** – None

**NEW BUSINESS** – Member Gilmour reminded the members that the committee will return to meeting at 3:00p.m. in September 2017.

**CHAIRMAN'S REPORT** – No report

**PUBLIC COMMENT** – None

**ITEMS FOR COMMITTEE OF THE WHOLE** – None

**COUNTY BOARD ACTION ITEMS** - None

**EXECUTIVE SESSION** – Not Needed

**ADJOURNMENT** – Member Prochaska made a motion to adjourn the meeting, second by Member Purcell. **The meeting was adjourned at 9:08a.m.**

Respectfully Submitted,

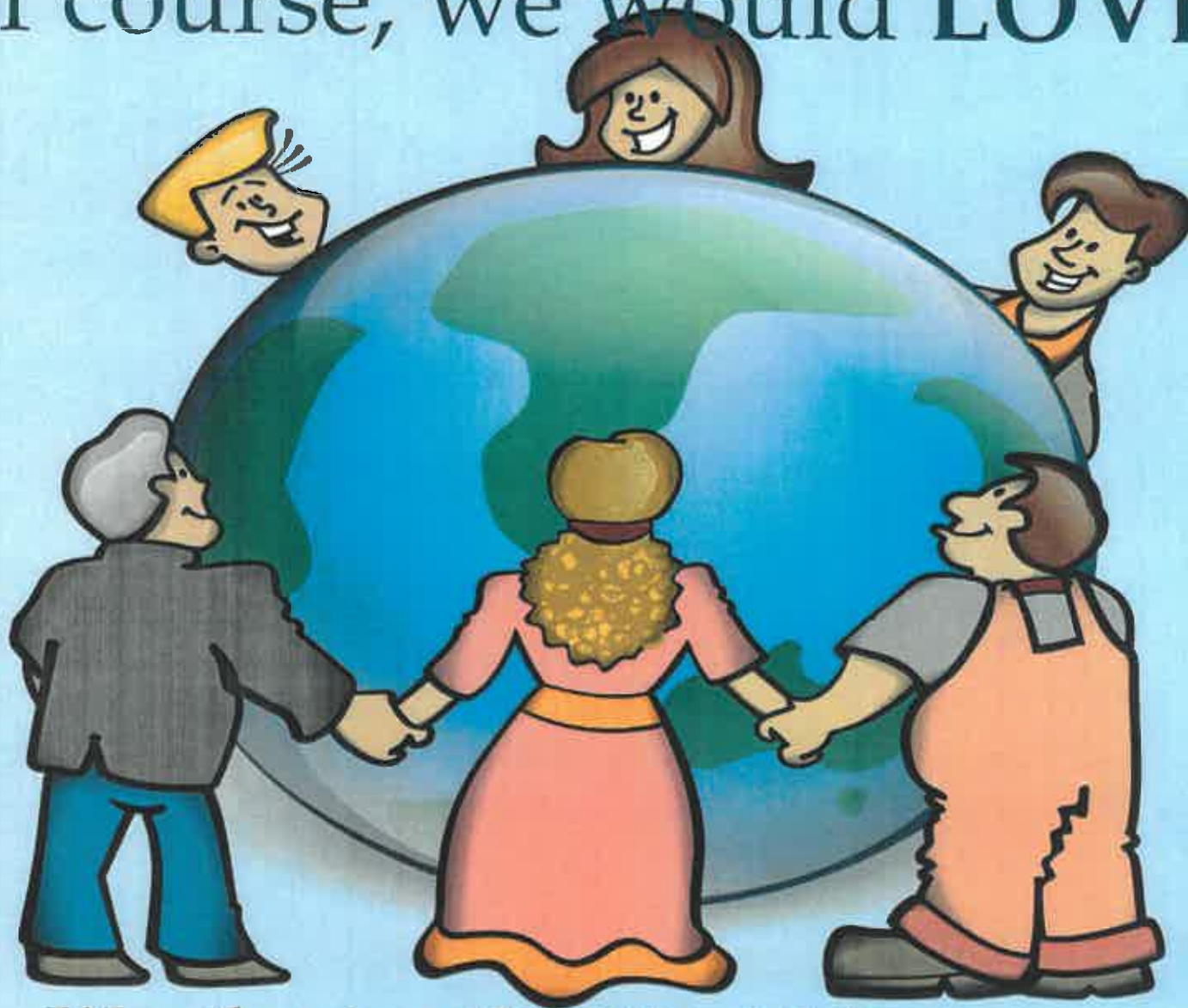
Valarie McClain  
Administrative Assistant and Recording Secretary

# WEATHERIZATION

# 101



Of course, we would LOVE to



**Weatherize the World. But.....**

**There are guide lines**

# IHWAP 2018 ELIGIBILITY INCOME

## 150% ANNUAL INCOME

\*\*\*STATE & HHS FUNDS\*\*\*

1	\$18,090
2	\$24,360
3	\$30,630
4	\$36,900
five	\$43,170
6	\$49,440
7	\$55,710
8	\$61,980

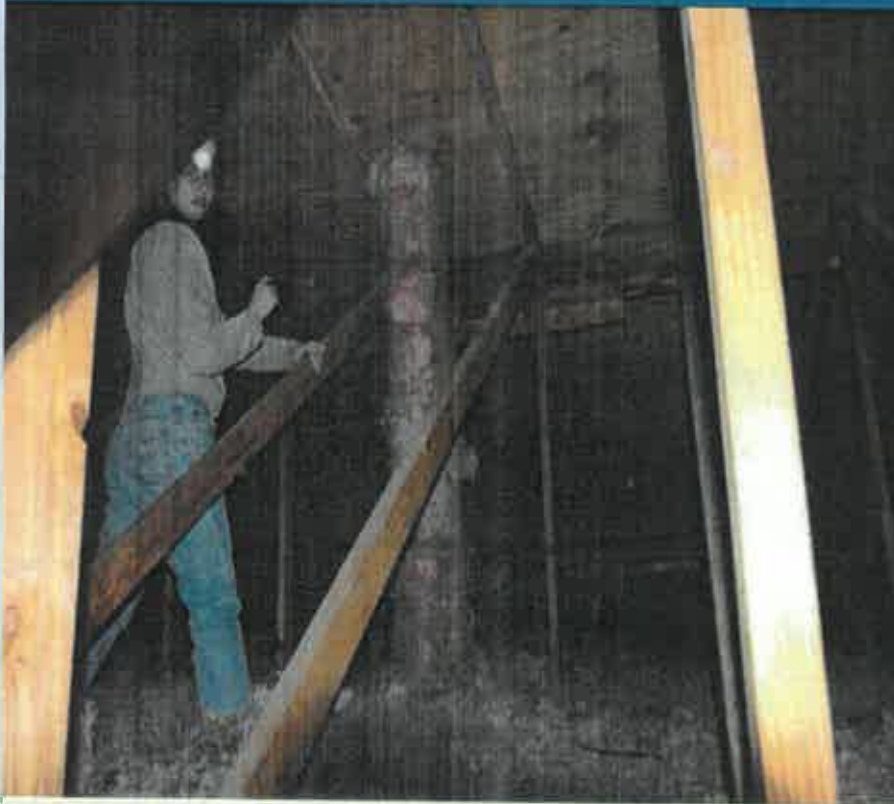
## 200% ANNUAL INCOME

\*\*\*DOE FUNDS\*\*\*

1	\$24,120
2	\$32,480
3	\$40,840
4	\$49,200
five	\$57,560
6	\$65,920
7	\$74,280
8	\$82,640

\*\*\* Supplemental Security Income = QUALIFIES \*\*\*

# The Two Faces of Weatherization



**ENERGY SAVINGS**



**HEALTH & SAFETY**

# Energy Savings

## The Home Energy Audit

Client interview

Determining the thermal boundary

Taking Pictures and Measurements

Attic and crawl space

Health and safety (gas leaks, CAZ zone test)

Heating System Diagnostics

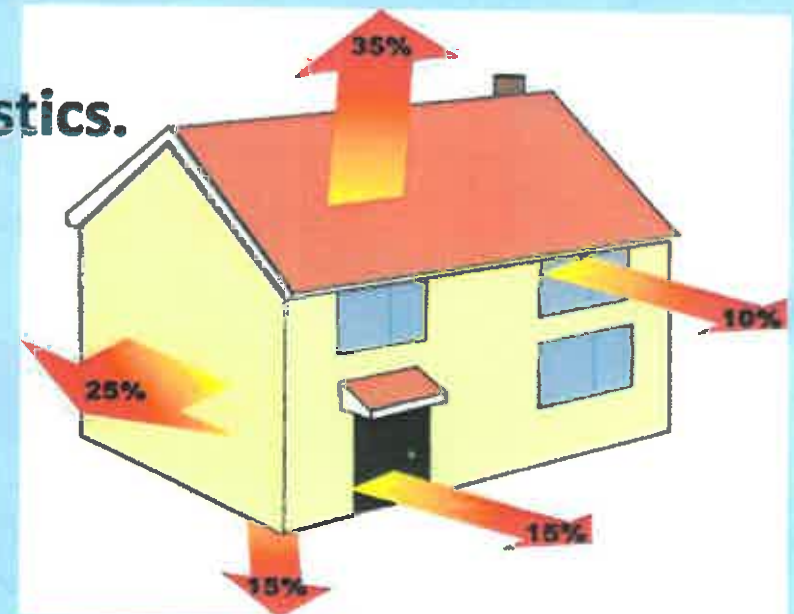
Blower door test / Air sealing Diagnostics.

Weather works

Release HVAC/ Arch

Final Job

Client Exit Interview



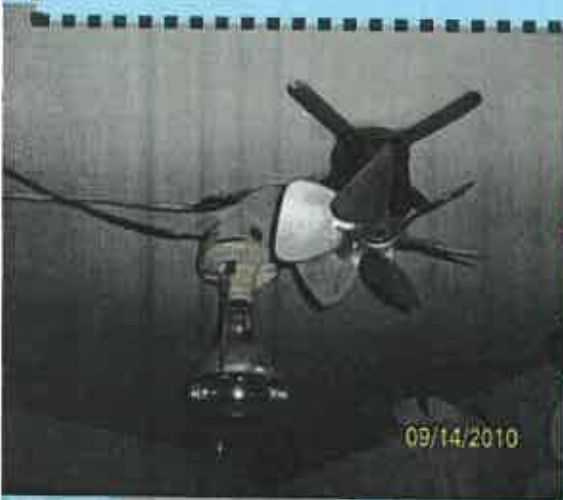
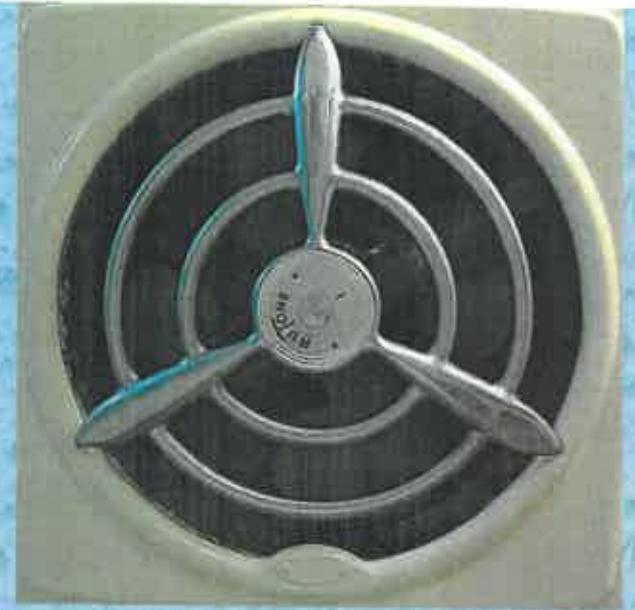


# Health & Safety Considerations

- Gas Leaks
- Ambient Air Testing
- Lead Safe WX (LSW)
- Mold - Moisture
- Carbon Monoxide (CO) Testing
- Draft
- Unsanitary Conditions-Sewer Leaks
- Code Compliance



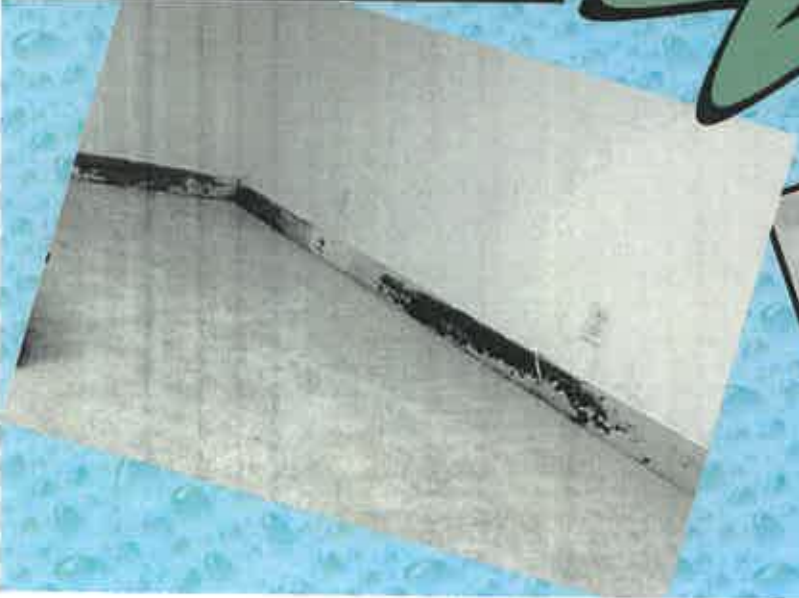
# WHY VENTILATION



Mr.  
Moldy  
Crud



*It's not  
just about  
the  
smell.....*



# HOME UTILITY COST BREAKOUT

Lighting, cooking,  
and other  
appliances  
33%



Water Heating  
14%



Refrigerator  
9%

Heating & Cooling  
44%



# Low Cost Ways to Save



**Turn down your thermostat to 68 degrees**




- Every 1% setback = 3% savings on heating bill
- Wear warm clothing to stay comfortable
- Set the thermostat back to 55 degrees when away or sleeping (save 5-20%)




**Replace or clean furnace filters once a month.**

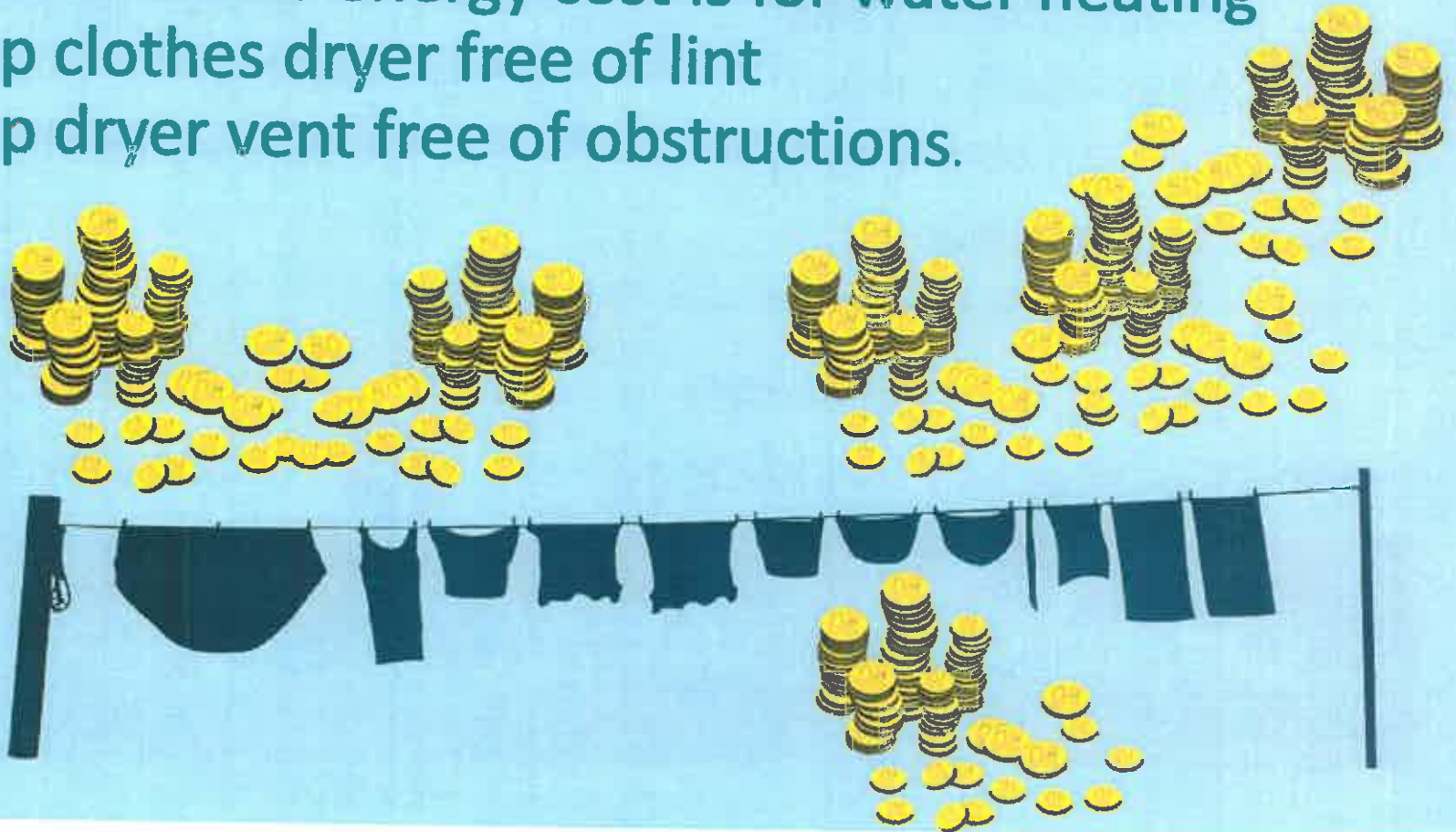
- Dirty filters restrict airflow and increase energy use.
- Now is also the time for a furnace "tune-up." Keeping your furnace clean, lubricated and properly adjusted will reduce energy use, saving up to 5 percent of heating costs.



 Reduce hot water temperature to 120°. Save 7-11 % of water heating costs. Insulate water supply line (first 5 feet)



 Use cold water when washing clothes. ~16% of home energy cost is for water heating  
Keep clothes dryer free of lint  
Keep dryer vent free of obstructions.




**Take a 10 minute shower instead of a bath**



 **Let the sun in.**

Open drapes and shades on the sunny side during the day. Close at night.



 **Remove window air conditioning units for the winter.**

Remove to prevent heat from escaping through and around the unit.


If it cannot be moved, buy a cover to prevent drafts.

# MORE LOW COSTS WAY TO SAVE



 **Close your fireplace flue.**

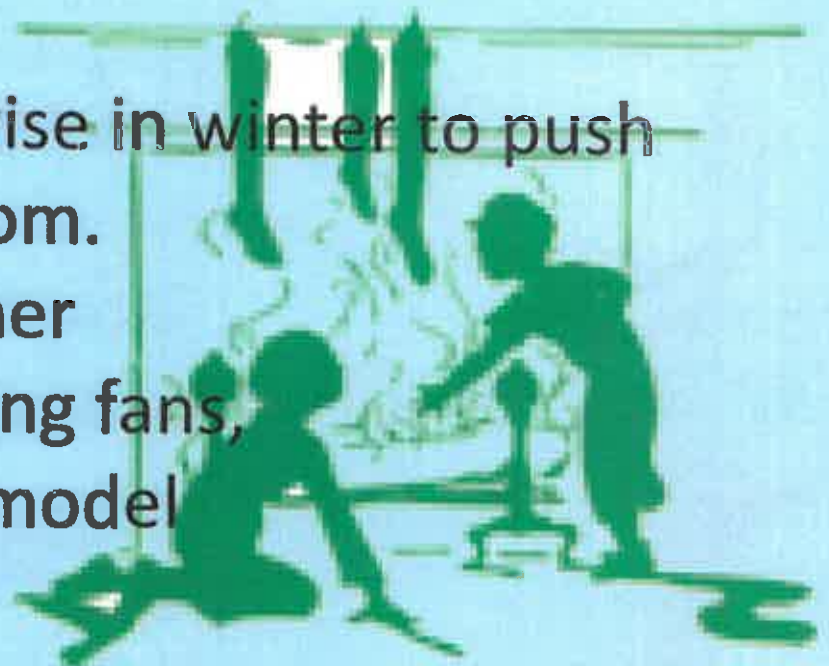
Keep closed except when not in use.  
Also shut fire place doors if installed.


 **Use your ceiling fan.**

Run blades counter-clockwise in winter to push warm air down into the room.

Run clockwise in the summer

When purchasing new ceiling fans, consider an ENERGY STAR model





**Flip the switch.**

Turn off appliances when not in use: lights, TVs, VCRs or DVDs, computers, other electronics.



**Keep vent space clean & clear.**

Make sure draperies, furniture or rugs aren't blocking air.

Clean regularly with a vacuum or a broom.



**Install an ENERGY STAR programmable thermostat:**

Temperature automatically sets back when asleep or away.

Consider ENERGY STAR labeled appliances - use less energy, save money, and help the environment.

**Change a Light.** Replace incandescent light bulbs with comparable LED lamps.





🐼 **Put your computer to sleep.**

Activate "sleep" when not in use for a while.

Turn off equipment during longer periods of non-use to cut energy costs and improve longevity.

🐼 **Don't waste hot water.**

Adjust load size on washer to fit actual load or use cold water



*Good Night, Howard*

*-- Good Night, Computer*

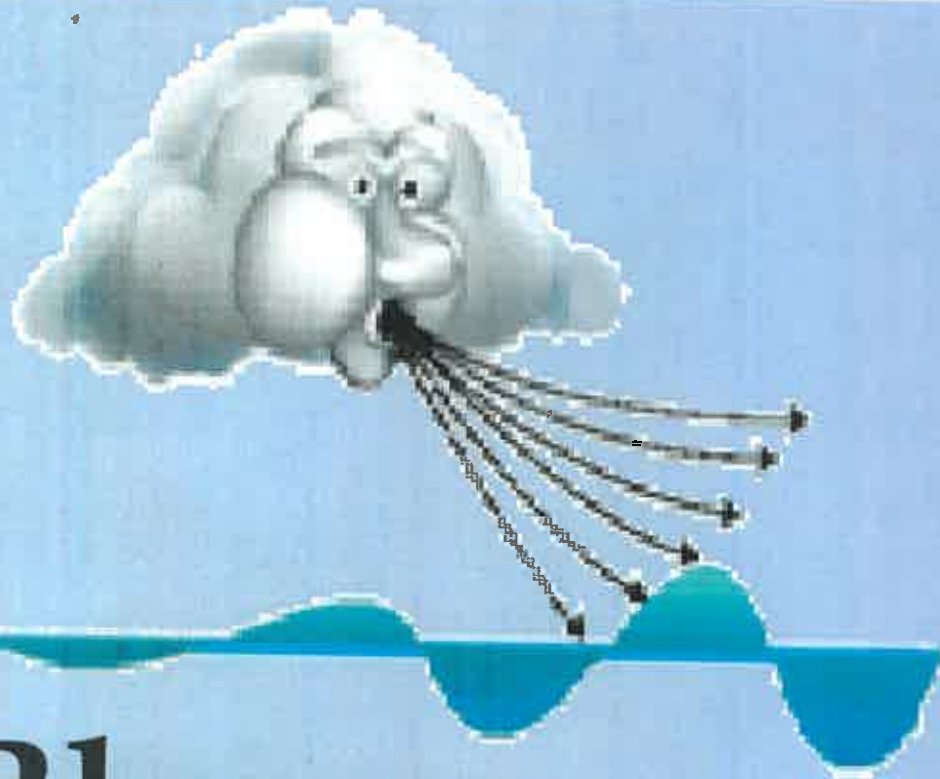
# Gas Detector



# Gas Analyzer

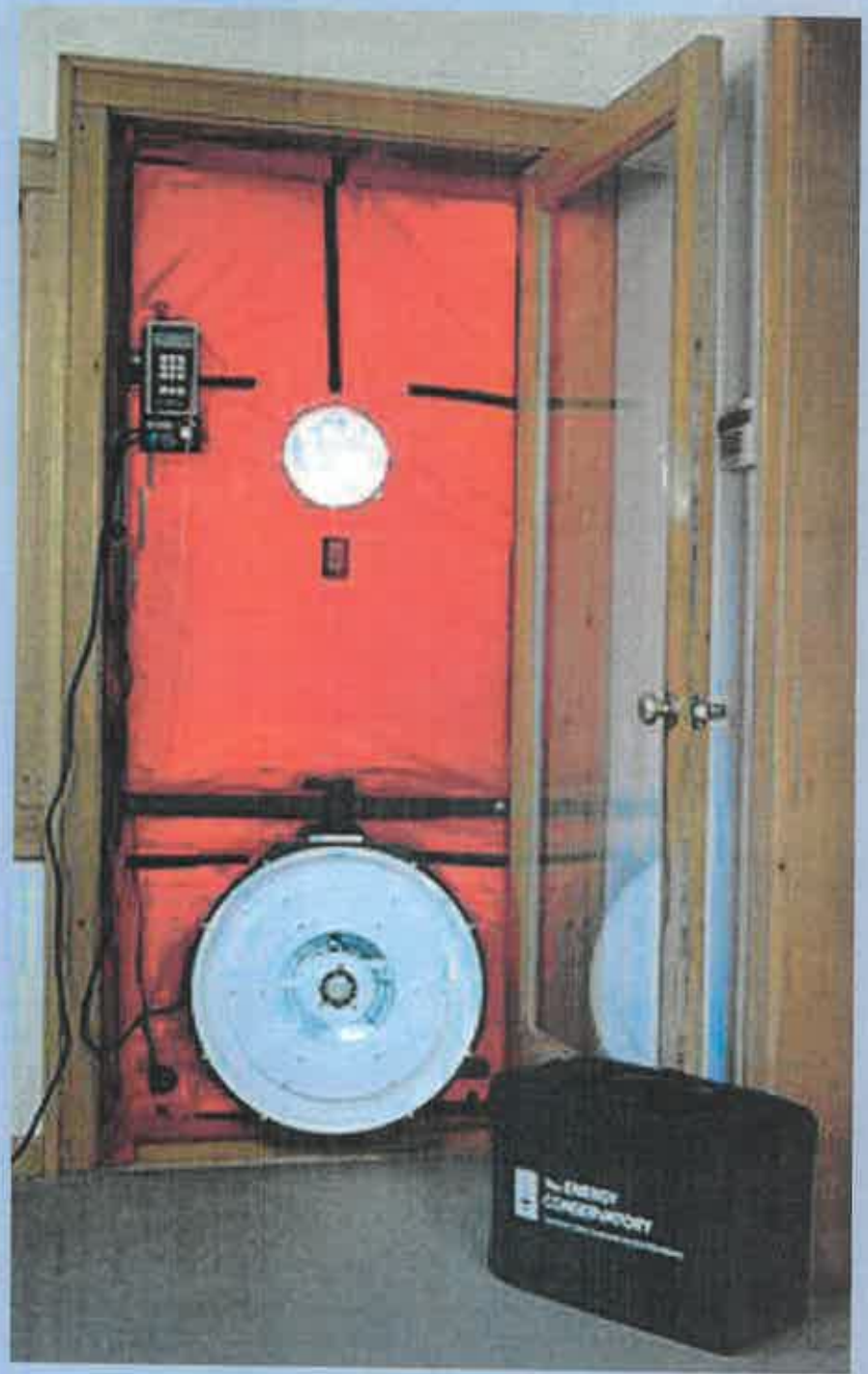
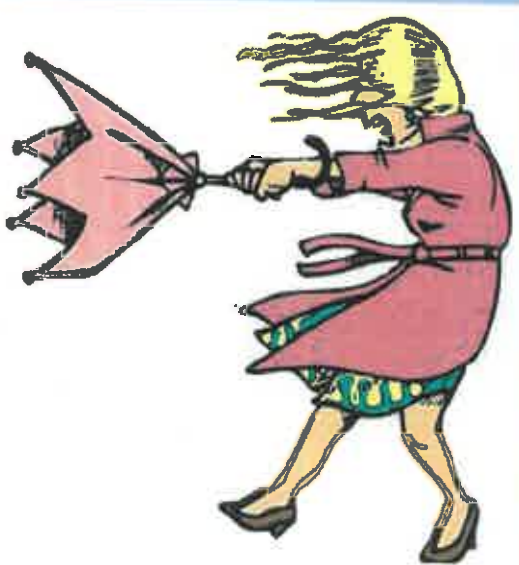


**Efficiency \* Oxygen level \* Carbon Monoxide \*  
Draft Pressure \* Flue Temperature \* Plus more**



**Blower**

**Door**



# Infrared Camera



# KENDALL COUNTY HEALTH DEPARTMENT

KENDALL/GRUNDY COMMUNITY ACTION

**Kendall County**

**Grundy County**

**811 W. John St.,  
Yorkville, Il.  
60560**

**1802 N. Division St.  
Suite 602  
Morris, Il.  
60450**

**630/553-9100**

**815/941-3262 X2**

**Ask for weatherization**

**THANK YOU FOR YOUR TIME**

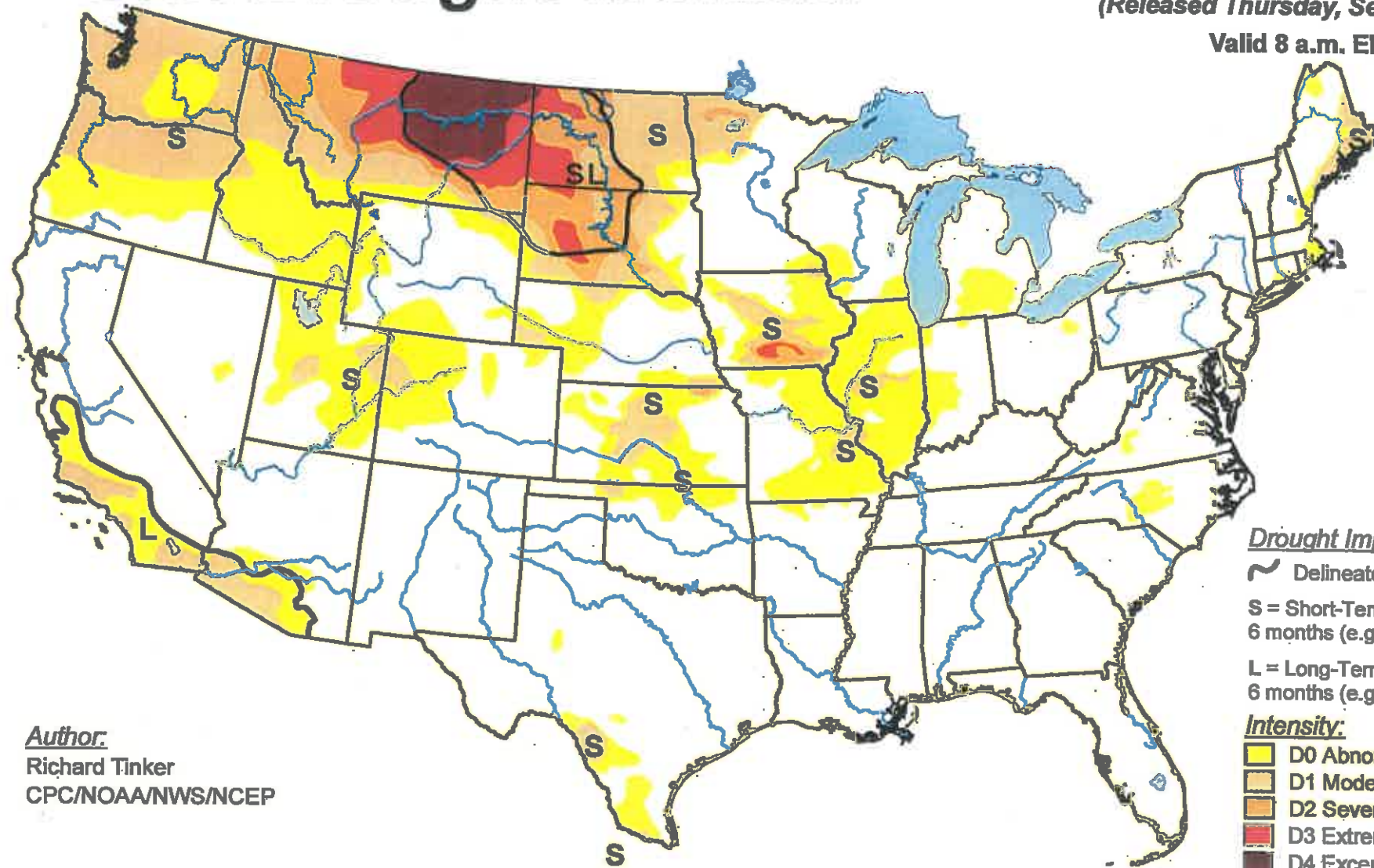
***Helping People \* Changing Lives***



# U.S. Drought Monitor


September 12, 2017  
(Released Thursday, Sep. 14, 2017)

Valid 8 a.m. EDT








**Author:**  
Richard Tinker  
CPC/NOAA/NWS/NCEP

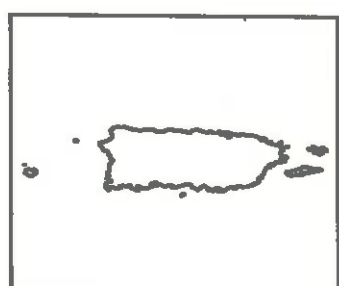
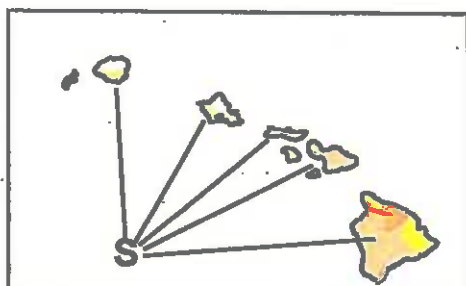
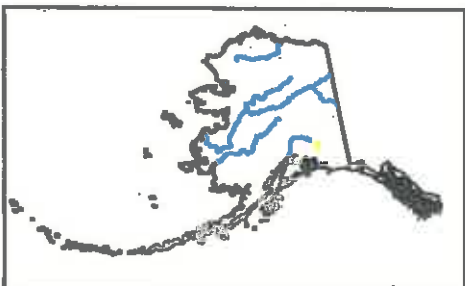
**Drought Impact Types:**

-  Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**

-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

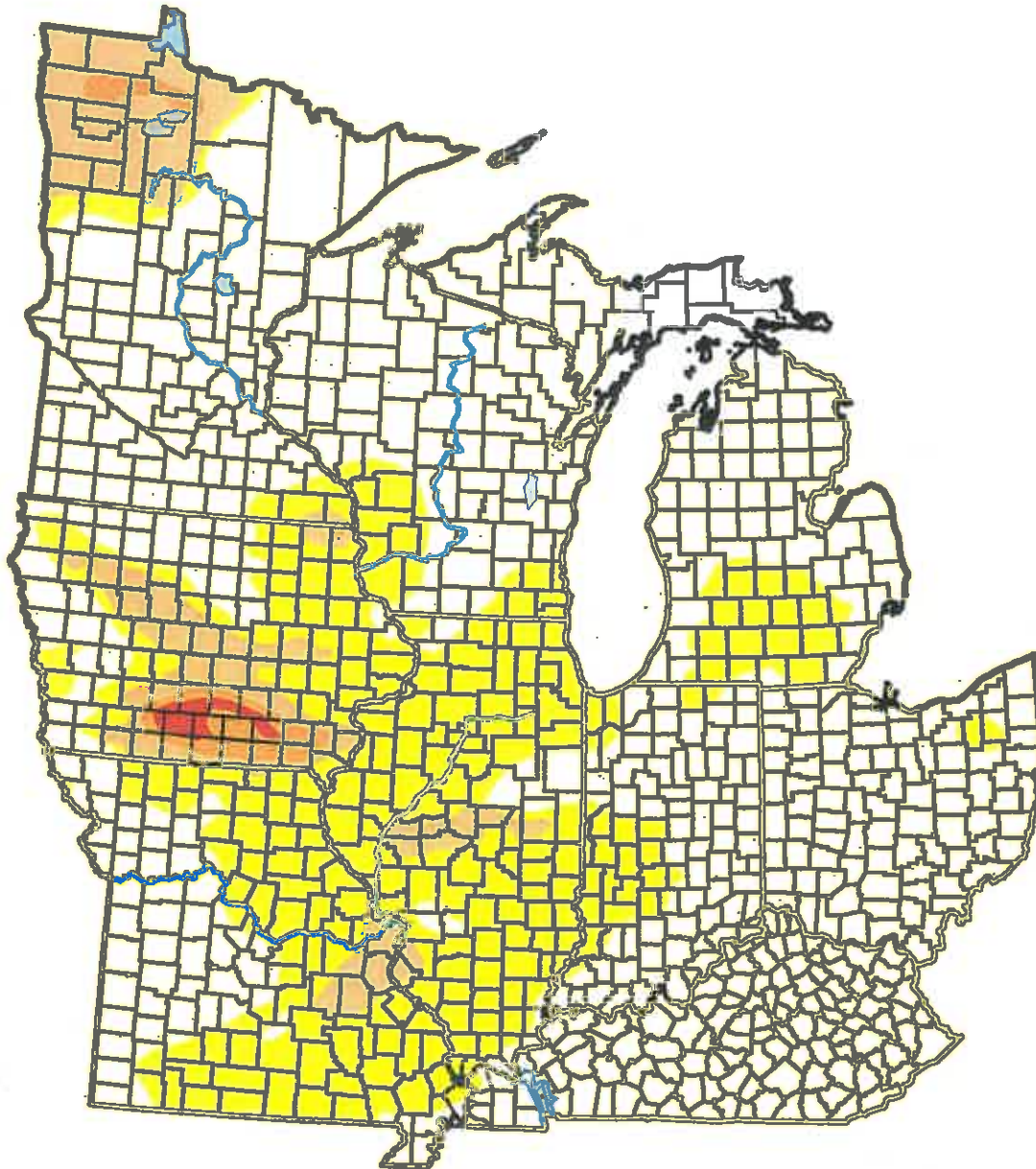
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*



<http://droughtmonitor.unl.edu/>

# U.S. Drought Monitor Midwest

**September 12, 2017**  
(Released Thursday, Sep. 14, 2017)  
Valid 8 a.m. EDT



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	62.69	37.31	8.72	1.59	0.38	0.00
<b>Last Week</b> <i>09-05-2017</i>	81.06	18.94	7.41	1.12	0.25	0.00
<b>3 Months Ago</b> <i>06-13-2017</i>	74.10	25.90	3.02	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-03-2017</i>	78.75	21.25	4.45	0.00	0.00	0.00
<b>Start of Water Year</b> <i>09-27-2016</i>	89.04	10.96	0.70	0.00	0.00	0.00
<b>One Year Ago</b> <i>09-13-2016</i>	93.66	6.34	1.49	0.00	0.00	0.00

**Intensity:**

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

**Author:**

Richard Tinker  
CPC/NOAA/NWS/NCEP



<http://droughtmonitor.unl.edu/>





# Conservation Connection

*Kendall County Soil and Water Conservation District*

### **Board of Directors**

**Chairman:**

**Deanna Bazan**

**Secretary/Treasurer:**

**Scott Brummel**

**Vice Chairman:**

**Butch Konicek**

### **Associate Directors**

**Anna Sutton**

### **County Board Liaison**

**Matt Kellogg**

**Scott Gryder**

### **District Staff**

**Resource Conservationist:**

**Megan Andrews**

**Education Coordinator:**

**Jenny Wold**

### **NRCS Staff**

**District Conservationist:**

**Mark Baran**

**Soil Conservationist:**

**Jen Hamer**

**KCSWCD  
Est. 1947**

## **Used Oil Drop Off Event Held**

The Kendall County SWCD held it's annual Used Oil Drop Off Event in June at Grainco FS. The event drew in many local residents looking to safely dispose of their oil, anti-freeze, and oil filters. Have oil you need to dispose of? Mark your calendars for next year's Used Oil Drop Off, Saturday, June 16th. Thanks to all who volunteered this year!



## **Family Fun at the Fair**

Did you visit the Kendall County Fair this year? If so, you might have seen the Kendall County SWCD staff in the Family Fun Tent. Activities offered included a play spot for children under five years old, special activity each day, and agriculture trivia game. Children visiting the tent were able to win candy, pencils, crayons, and other prizes.



## **Spring Poster Contest Results**

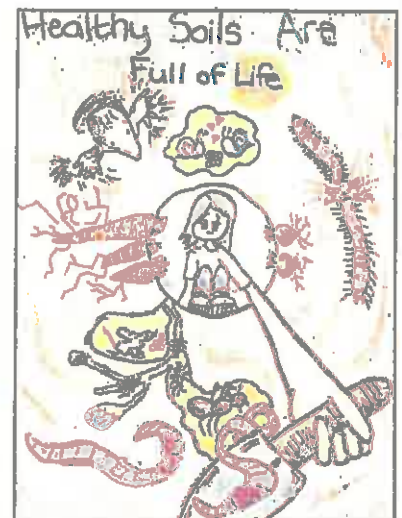
This fall, the Ag in the Classroom program in collaboration with the Kendall County SWCD, held a poster contest for 1st-4th grade students entitled "Healthy Soils are Full of Life." There were many entries from around the county. The following students were selected as outstanding entries for their grade levels:

**K-1st Grade:** Isabel Eclavea from Eastview Elementary

**2nd-3rd Grade:** Frances Eclavea from Fox Chase

**4th-5th Grade:** Viane Nguyen from Lakewood Creek

\*Picture to left was designed and drawn by Viane Nguyen.





## SWCD Updates & Resources

### Illinois Urban Manual Updates

The Illinois Urban Manual (IUM) continues to be updated with new standards and information. The IUM is considered to be an ecosystem protection manual that includes not only soil erosion and sediment control practices but also practices related to green infrastructure, stormwater management and special area protection. New and updated standards are currently being finalized to be added to the manual. Once finalized, they will be added to the existing Illinois Urban Manual. To view the Illinois Urban Manual along with associated standards, specifications, and the *IUM Field Manual for Inspection of Erosion & Sediment Control Best Management Practices* visit: [www.aiswcd.org/illinois-urban-manual/](http://www.aiswcd.org/illinois-urban-manual/)



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### Vegetative Filter Strip

#### Vegetative Filter Strip Tax Break Available

A filter strip is an area of permanent vegetation located between cropland or grazing land and an environmentally sensitive area like a creek or stream. Do you have a filter strip on your farm? If so, you can reduce your property taxes on your filter strip down to 1/6 of the assessed cropland value. For more information, contact Megan at the SWCD office.

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### SWCD Fall Sales



#### Fish Sale

Several species are available to stock your pond each Spring and Fall. Additional order forms are available online. The order and sale dates are as follow:

Triplold Grass Carp Orders: Monday, October 2nd

Remaining Fish Orders: Wednesday, Oct. 11th

Fish Pick-up: Monday, October 23rd at 10:00am



#### Tree and Plant Sale

Each Spring and Fall, trees and plants are available to purchase for conservation purposes. Order forms are available online.

Orders Due:  
Wednesday, Sept. 13th.

Pick-up Date:  
Friday, September 29th,



Find us on  
**Facebook**

Want to keep up to date with the latest opportunities, sales, and resources available through the SWCD office? Find us on Facebook or check out our website, [www.kendallswcd.org](http://www.kendallswcd.org).

## *SWCD Cost-Share Update*

### **Partners for Conservation Program: Cost-share Assistance Available this Fall**

Great news! We've heard that we will have cost-share funds available. It is important to note that while funds will be available, they will be limited; so if you are interested in addressing one of the resource concern listed below, please be sure to take advantage of available funds while they last. Questions? Contact Megan at the SWCD office.

Cost-share funds will be available through the Partners for Conservation Program (PFC) which provides cost-share assistance for the construction or adoption of projects that conserve soil and protect water quality. Eligible practices include:

- Cover Crops
- Water Well Sealing
- Rain Gardens
- Grassed Waterways
- Filter Strips
- Grade Stabilization Controls
- Nutrient Management

### **Partners for Conservation Program Practice Spotlights:**

#### **Cover Crops**

Cover crops are gaining popularity, locally, as a conservation practice to improve soil health, water availability and manage pests as well as nutrients on the farm. Interested in incorporating cover crops into your rotation? Contact the office for more information or to learn more about:

- What to look for when selecting a cover crop (ex. fast germination & emergence, competitiveness,
- tolerance to climate & soil conditions, cost, fertility/soil quality benefit, etc.),
- Matching your objectives to cover crop species (ex. grazing, reducing compaction, nitrogen fixation,
- residue & nutrient cycling, etc.) and
- Key considerations (ex. how to seed, equipment, etc.).

#### **Water Well Sealing**

Owners who have unused water wells that need to be sealed are eligible for cost-share. The benefit of this practice is that proper and timely sealing of abandoned water well protects groundwater from potential contamination and is required by state law. Any individual who owns or manages water well within Kendall County are eligible to receive available cost-share assistance for sealing their well.

#### **Rain Gardens**

A rain garden is a shallow depression, planted with native plants, that absorbs rain water from impervious surfaces like the roof of your home. Native plants are well adapted to local conditions and can include grasses, flowers, sedges, forbs and legumes. The native plant's root structure allows it to access water sources other plants aren't able to reach. Interested in planting a rain garden at your home, farm or business? We can help you plan and design your garden.





## Partner Updates: *Natural Resource Conservation Services*

### NRCS Financial Assistance

Natural Resources Conservation Service (NRCS) offers financial and technical assistance to help agricultural producers make and maintain conservation improvements on their land.

This is a brief overview of some of your conservation program options. For more information on these and all programs available, contact the Kendall County Field Office at 630-553-5821 Extension 3 or visit the Illinois NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/site/il/home/>.



### EQIP – Environmental Quality Incentives Program

EQIP provides financial and technical assistance to agricultural producers in order to address natural resource concerns and deliver environmental benefits such as improved water and air quality, conserved ground and surface water, reduced soil erosion and sedimentation, or improved or created wildlife habitat.

NRCS can assist if you want to address a resource concern on your land. NRCS will provide on-site planning assistance, discuss your goals, and evaluate the situation. We can explain how EQIP and other programs can provide assistance to address resource concerns. NRCS will work with you to develop a conservation plan that identifies your needs.

Interested producers can submit an EQIP application at any time; application forms are available at the office or on the Illinois NRCS website.



### CSP – Conservation Stewardship Program

CSP helps agricultural producers maintain and improve their existing conservation systems and adopt additional conservation activities to address priority resource concerns. Participants earn CSP payments for conservation performance – the higher the performance, the higher the payment.

NRCS can assist you through the CSP process by explaining how CSP works and the requirements for the program. Interested producers can submit a CSP application at any time also; application forms are available at the office or on the Illinois NRCS website.



#### **H. D. BACKHOE SERVICE**

630-553-7204 Fax: 630-553-1810  
P. O. Box 168 109 E. Hydraulic St.  
Yorkville, IL 60560  
All Types Of Backhoe Work  
Septic Systems Installed & Repaired  
Water Lines, Sewer Lines

Hours:  
Monday-Friday  
8-4:30

Saturday  
8-12 By Appointment

## **KENDALL EXCAVATING**

PAT HOGAN  
630-774-5101  
FAX: 630-554-6355

P.O. BOX 544  
YORKVILLE, IL 60560  
pat@kendallexcavating.com

## *NRCS & Pollinators*

### **Pollinator Habitats**

The Natural Resource Conservation Service (NRCS) is looking to expand pollinator habits throughout the country because of the decline in pollinators in recent years. In the United States, one third of all agricultural output depends on pollinators. Pollinators include animals such as butterflies, bees, wasps, birds, or beetles who all have an important role in agriculture. These animals help plants through the growth and reproduction stages, while adding biodiversity to the environment. Pollinator habitats are establishing and maintaining permanent vegetative cover, while also providing food for wildlife.

### **Benefits**

- Improve soil health
- Reduce soil erosion from water
- Native plant habitats will attract insects that are predators for crop pests
- Improve water quality by intercepting sediment and nutrients
- Boost yields

### **Requirements**

The Conservation Reserve Program (CRP) is one of the USDA programs available to help landowners achieve conservation goals. Whenever an individual signs up for CRP, they are agreeing to follow the agency's rules and regulations. Specifically, for the pollinator habit, it must be half an acre or more and unwanted plant or pests should be controlled. Other requirements would be discussed upon sign-up.

### **Getting started?**

The NRCS can assist landowners with providing pollinator habitat by, suggesting local native plants and offering advice on how to provide nesting habitat for pollinators. When looking to establish a pollinator habitat, individuals must identify the designated area and determine whether it is a potential pollinator habitat. Also, they must be protected and maintained for pollinators to grow adequately. Lastly, the location is very important and have been done alongside field borders and in the backyard. Stop by the NRCS office to find out more about pollinator habitats, and learn more about the program and financial benefits.



For more information on pollinator habitat assistance and all NRCS programs available, contact the Kendall County Field Office at 630-553-5821 Extension 3 or visit the Illinois NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/site/il/home/>.

## *Education Program Updates and Opportunities*



### **Presidents and Agriculture, Fall Teacher Workshop**

Interested in picking up a couple professional development hours as well as some great information, resources, lessons, and activities to teach your students about social studies, history, science, and agriculture? If so, plan to attend "Presidents and Agriculture." This workshop will introduce you to former presidents who had strong ties to agriculture and provide you with hands-on activities and lessons that connect to each of the presidents. Participants will receive 2 PDCH's as well as great resources to take back to the classroom. The workshop will take place on October 12th, 4:30-6:30pm, at the SWCD building in Yorkville. To RSVP, contact Jenny Wold at [kcag-intheclass@gmail.com](mailto:kcag-intheclass@gmail.com).



### **Fall Poster Contest**

Did you know that Illinois is #1 in the world growing pumpkins? It's true, our farmers grow 90% of the pumpkins used for processing around the world. While that fact alone is quite amazing, pumpkins in general are pretty amazing. There are so many different types of pumpkins varying in size, shape, texture, and color. This fall, to celebrate pumpkins and Illinois's status as the leading pumpkin producer, the Ag in the Classroom program has themed its annual fall poster contest, "Pumpkins on the Farm." This contest is open to k-4th grade students around the county. Students are to create original posters on 8.5 x 11 sheets of paper. They can use markers, crayons, colored pencils, paint, etc. The title "Pumpkins on the Farm," must be included on the poster and the students name, school name, and teacher name must be included on back of poster. All posters are due to Jenny Wold at 7775A Route 47, Yorkville, IL 60560 by October 20th. For more information, email [kcag-intheclass@gmail.com](mailto:kcag-intheclass@gmail.com) or call 630-553-5821, ext. 3.



### **Coordinator Corner**

Fall is my favorite time of year. I love everything about it; the days are crisp and cool, leaves are falling, pumpkins and apples are everywhere, it's harvest time, and schools are starting back up for the year. It's magical. Want to get into the fall magic? Here are five sure fire ways to get into the autumn spirit!

- Watch corn being harvested.
- Take a hay rack ride.
- Visit a pumpkin patch.
- Pick local apples.
- Eat apple cider donuts.

Happy  
**FALL**  
y'all!



**Are you a teacher? If so, are you following the Kendall County Ag in the Classroom Facebook page yet? If not, head to our page and like it today. New teachers who like the page and comment on a post with their name and email address will receive a new book for the school year. Check us out today!**

## *Education Program Updates and Opportunities*

### **Classroom Presentations for 2017-2018**

Have you scheduled Ag in the Classroom presentations for the 2017-2018 school year yet? This year, the program will be visiting 2nd grade classrooms four times for presentations related to plants, animals, foods, farms, and natural resources. Third-Fifth grade classrooms can schedule from a list of presentations covering a wide variety of topics from soil to renewable resources to pumpkins. All programs are free of cost and make excellent curricular tie-ins. To learn more about Fall programming or other upcoming events, find the program on Facebook at @kendallcountyagintheClassroom. Teachers can also email Jenny Wold at kcag-intheClassroom with questions, concerns, or to schedule presentations.



### **Money for the Classroom**

Are you a teacher in need of some new resources or books to create or expand a unit/lesson relating to plant science, food science, farms, or anything related to agriculture? If so, apply for a program or book grant through Illinois Agriculture in the Classroom. Program grants cover \$300 in resource material costs while the book grants provide \$250 towards the purchase of themed books for the classroom. Grants are easy to complete and available online at [www.agintheClassroom.org](http://www.agintheClassroom.org). Once on the site, click on "Teacher Resources" and then "Grants." All grants are due by October 1st.



### **Summer Agriculture Institute Field**

This July, seventeen teachers from around the area participated in the Tri-County Agriscience Institute (SAI, Part 2). The Institute (SAI) provided teachers with professional development units or graduate credits from Aurora University. This year's SAI focused on food science, production, and marketing. During the course, teachers were able to tour many interesting farms and businesses. These included FONA, a food flavor company, Tyson Foods, Whiskey Acres, Stage1 Farms, Interglobe Genetics, Fair Oaks Farm, and a dairy farm and mint farm. Additionally, teachers were able to participate in an in-service provided by the Illinois Ag in the Classroom program.



This year's Institute (SAI, Part 2) was an excellent opportunity for teachers to see how food goes from farm to plate and all that is involved in this process. Teachers were also able to see how food science could easily fit into their classrooms. If you are interested in learning more about the Tri-County Agriscience Institute (SAI, Part 2), contact Jenny Wold at [kcagintheclass@gmail.com](mailto:kcagintheclass@gmail.com).





**Kendall County Soil & Water  
Conservation District**

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**Kendall County Soil & Water  
Conservation District**

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[www.kendallswcd.org](http://www.kendallswcd.org)

Large Potted: trees are 4-5' tall				Grasses: 1 gallon containers				
		Price	Quantity	Cost		Price	Quantity	Cost
1	Birch, River (multi stem)	\$39			27	Purple Maiden/Autumn Flame Grass	\$12	
2	Birch, Whitespire (single stem)	\$ 35			28	Prairie Dropseed Grass	\$12	
3	Maple, Autumn Blaze	\$ 45			29	Karl Foerster, Feather Reed Grass	\$12	
4	Maple, Crimson King	\$ 35			<b>Perennials: sold in 1 gal containers</b>			
5	Maple, Sugar Fall Fiesta	\$ 39			30	Coreopsis, Zagreb	\$9	
6	Oak, Bur	\$ 39			31	Daylily, Red	\$9	
7	Oak, Red	\$ 39			32	Daylily, Stella D'Oro	\$9	
8	Oak, Swamp White	\$ 39			33	Daylily, Happy Returns	\$9	
<b>Small Potted: trees range from 10"-18" tall</b>					34	Echinacea, Purple Coneflower	\$9	
9	Maple, Fall Red	\$7			35	Hosta, Green & White Variegated	\$9	
10	Maple, Norway	\$7			36	Hosta, Blue Leaf	\$9	
11	Maple, Sugar	\$7			37	Hosta, Green Leaf	\$9	
12	Oak, Bur	\$7			38	Rudbeckia, Black-eyed Susan	\$9	
13	Oak, Red	\$7			39	Russian Sage	\$9	
14	Oak, Swamp White	\$7			40	Salvia, Purple	\$9	
15	Redbud, Eastern	\$7			41	Sedum, Autumn Joy	\$9	
16	Walnut, Black	\$7			<b>Groundcovers: sold in trays of 24 plants</b>			
<b>Potted Evergreens: trees range from 8"-18" tall</b>					42	Pachysandra, Green Carpet	\$30	
17	Fir, Concolor	\$8			43	Sedum, Bailey's Gold	\$30	
18	Pine, Eastern White	\$8			<b>TOTALS</b> <span style="border: 1px solid black; display: inline-block; width: 100px; height: 30px; vertical-align: middle;"></span>			
19	Spruce, Black Hills	\$8						
20	Spruce, Colorado	\$8						
21	Spruce, Norway	\$8						
<b>Shrubs: shrubs range from 12"-30" tall</b>								
22	Sumac, Glabra Smooth	\$7			<div style="border: 2px solid red; padding: 5px; margin-bottom: 10px;"> <b>Orders Due: Wednesday, Sept. 13th</b>  <b>Pick-Up: Friday, Sept. 29th, 12pm - 4pm</b> </div> <p style="color: red; font-weight: bold;">We kindly request payment accompany order; we accept cash or check. Please make checks payable to: Kendall Co. SWCD</p>			
23	Dogwood, Bailey's Red Twlg	\$7						
24	Lilac, Common Purple	\$7						
25	Viburnum, Chicago Lustre	\$7						
26	Viburnum, Nannyberry	\$7						

Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Email: \_\_\_\_\_

Please remind me prior to the pick up by:  
 (choose method)  Phone  
 Email

**Please Note:**  
 \* These plants are for conservation purposes only and shall not be used as ornamentals or for landscaping.  
 \*\* We are not responsible for trees that are not retrieved on the pick up date above.

**FOR OFFICE USE:**

Date Paid: \_\_\_\_\_ Amount: \_\_\_\_\_ Payment Method: Cash / Check No. \_\_\_\_\_



**Kendall County Soil & Water Conservation District**

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Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: (print clearly) \_\_\_\_\_

**Triploid Orders Due: Monday, October 2nd**  
**Remaining Orders Due: Wednesday, October 11th**  
**Fish Pick Up: Monday, October 23rd, 10:00am**

Please remind me prior to the pick up by:  
 (choose method)  Phone  
 Email

**We kindly request payment accompany order;  
 we accept cash or check.  
 Please make checks payable to:  
 Kendall Co. SWCD**

Species	Size (inches)	Unit	Growth Rates	Stocking Rates (per acre)		Price	Qty	Subtotal	
				Feeding	Not Feeding				
Channel Catfish	4-6"	each	up to 1 pound per year if commercially fed	300	150	\$0.80			
	6"-8"	each				\$1.00			
	8-10"	each				\$1.20			
*Large channel catfish cannot be bagged. Please bring a clean container of your pond water for transportation.									
Albino Catfish	4"-6"	each				\$1.35			
Hybrid Sunfish (250 fish per bag)	1"-2"	bag	1/4 - 1/2 pound per year	500	250	\$75.00			
	3"-5"	each				\$0.90			
	5"-7"	each				\$1.40			
Largemouth Bass	2 - 3"	each	1/2 - 3/4 pound per year	50	50	\$1.00			
	5"-8"	each		100	50	\$3.15			
Black Crappie (100 fish per bag)	2"-3"	bag	1 1/2 - 3 ounces per year	100		\$60.00			
Bluegill (250 fish per bag)	1"-2"	bag	1 - 2 ounces per year	500-1000		\$75.00			
	3"-5"	each		500-1000		\$1.00			
Redear (250 fish per bag)	1"-2"	bag	2 - 3 ounces per year	500-1000 stock 1/2 if bluegill exist		\$75.00			
Fathead Minnows (150 per pound)	sold per pound	pound	Up to 3 Inches/lifespan of 14 mos.	5	5	\$13.00			
Triploid Grass Carp* (see below)	8"-11"	each	2 lbs per mo in warm months	3-5 (if severe weed problem exists)		\$13.00			
<b>Total</b>									

\*Triploid Grass Carp customers: Complete the necessary permit information below.

County:	Township:	Range:	Section:	Pond Acres:	Pond Name:	# of Fish
Example: Kendall	T36N	R7E	9	1	SWCD Pond	2

For Office Use: Date paid: \_\_\_\_\_ Amount: \_\_\_\_\_ Cash / Check No: \_\_\_\_\_

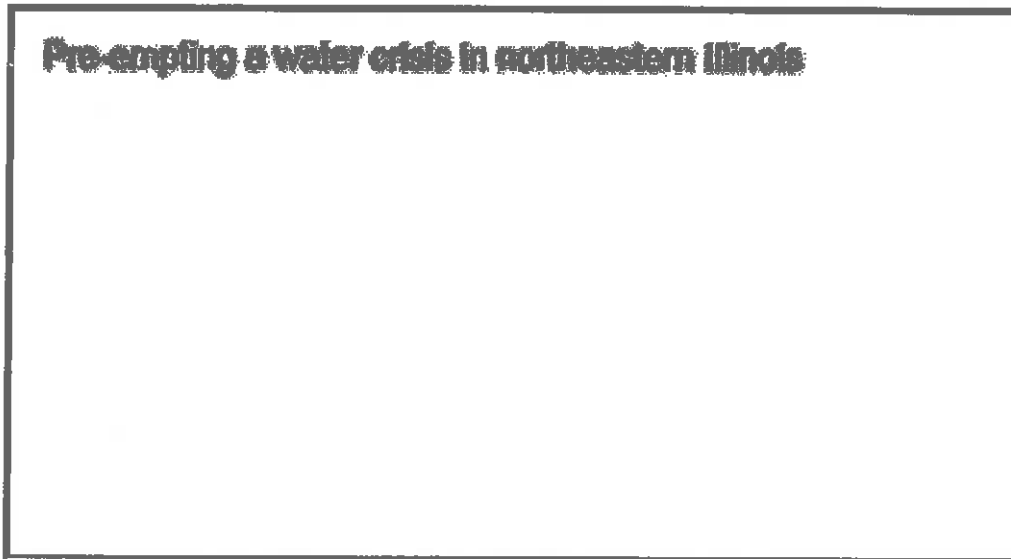
# Illinois Water Supply Planning

**Regions**   **Interactive Maps**   **Modeling**   **Staff**

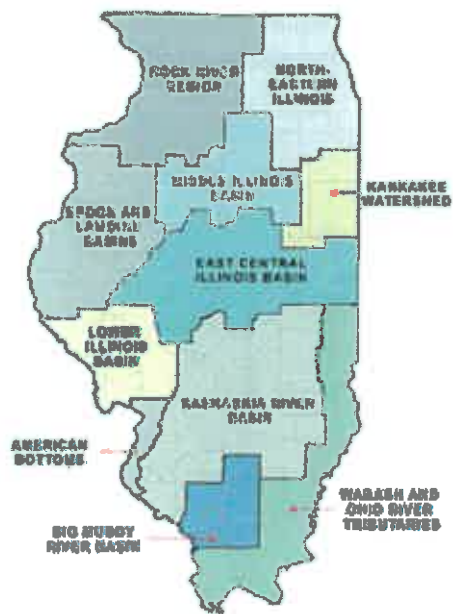
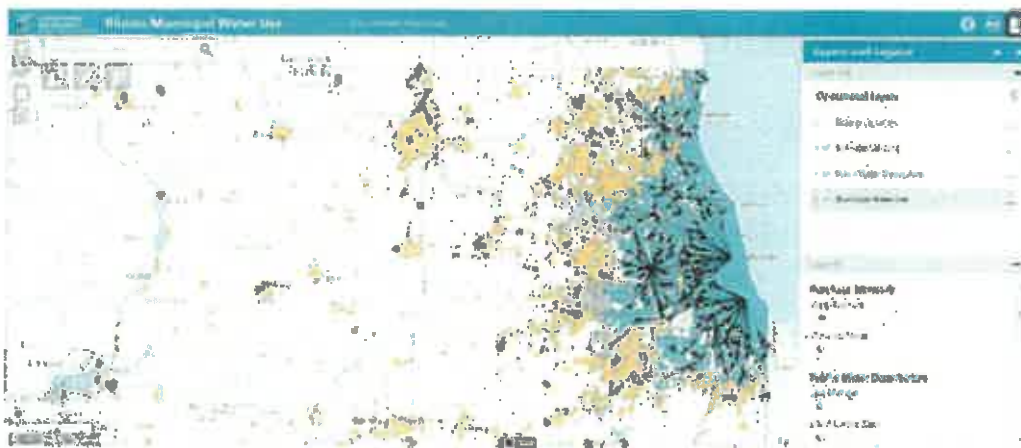
Due to projected growth of the population and economy, Illinois could require 20 to 50 percent more water in coming decades. Ensuring adequate and reliable supplies of clean water for all users at reasonable cost requires us to think ahead into the near future. As a state, we need to know how much water will be available, how much water we will need, what the options are for providing additional supplies, reducing demand, and what the impacts and costs will be.

Since 2006 the Illinois Department of Natural Resources (IDNR) has funded the Illinois State Water Survey to lead regional water supply planning activities. Eleven planning regions have been defined throughout the state. Planning activities have been conducted in the Kaskaskia River Basin, East Central Illinois Basin, and Northeastern Illinois regions. Planning activities are currently being conducted for the Middle Illinois Basin and Kankakee Watershed regions. Future water supply planning will be conducted in the remaining regions.

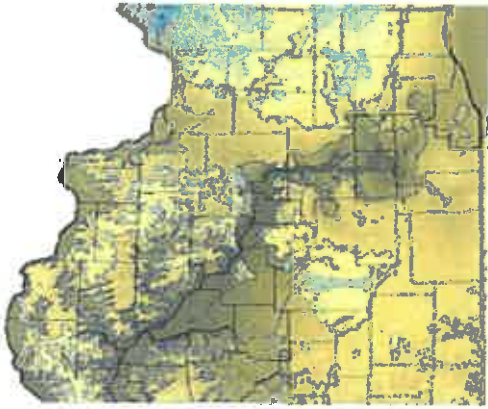
## Featured Video



## Featured Interactive Map



## Illinois Groundwater Flow Model



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