



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

Monday, March 18, 2019 – 3:00p.m.
MEETING AGENDA

- 1. Call to Order**
- 2. Roll Call:** Judy Gilmour (Chair), Robyn Vickers (Vice Chair), Elizabeth Flowers, Tony Giles, John Purcell
- 3. Approval of Agenda**
- 4. Approval of Minutes from February 25, 2019**
- 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**

COUNTY OF KENDALL, ILLINOIS
Health & Environment Committee
Monday, February 25, 2019
Meeting Minutes

CALL TO ORDER

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

ROLL CALL

Attendee	Status	Arrived	Left Meeting
Judy Gilmour	Here		
Robyn Vickers	Here		
Elizabeth Flowers	Present		
Tony Giles	ABSENT		
John Purcell	Yes		8:46am

Others Present: Megan Andrews, KC Soil & Water District Resource Conservationist, Scott Koepfel, Kendall County Administrator, Hannah Raver, KC Soil & Water District Education Coordinator, Dr. Amaal Tokars, Kendall County Health Department Executive Director

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

APPROVAL OF MEETING MINUTES – Member Flowers made a motion to approve the meeting minutes from October 15, 2018, second by Member Vickers. **With four members present voting aye, the motion carried.**

STATUS REPORTS

- **Board of Health** – Dr. Tokars indicated that the Board of Health would be reviewing their Strategic Plan update. Dr. Tokars reported they do an update on their outcomes annually, they do a new plan every 5 years along with a Community Health Plan.
- **Health Department** – Dr. Tokars reported that the first meeting of the Solid Waste Advisory Committee is February 26, 5pm-7pm. This Committee is an Ad Hoc Committee with 12 stakeholders in the County. Member Gilmour and Chair Gryder are the County Board representatives for this committee. The Committee will meet 4 times and focus on source reduction, recycling and storage. Member Purcell asked about the importance of recycling and a transfer station. He would like to see those issues addressed. Dr. Tokars

explained that recycling has become a bit expensive and complicated. Member Gilmour asked about e waste and strategies for that. Member Gilmour also emphasized education is key with a lot of questions from the general public about recycling. Member Vickers explained that her understanding is that recycling can be improved through simple education. Dr. Tokars will brief the committee on the findings of the Solid Waste Ad Hoc Committee as they go through their process.

Dr. Tokars reviewed the 10 Emergent Health Issues in 2019:

Antibiotics Resistance - Infections when people are not responding to antibiotics and have to retake medication.

Candida Auris - A fungal infection that is very resistant to treatment. This infection typically occurs in mostly inpatient facilities. No reports of infections in Kendall County. Member Flowers asked if this is contagious. Dr. Tokars indicated that it is not highly contagious but once it becomes an internal infection it is difficult to treat.

Drug Overdose – This is a national epidemic. Almost all counties in Illinois have been going up in 2017. Kendall County peaked in 2016. However, still a lot of significant problems. In Kendall County last year, the largest overdoses were from heroine, fentanyl and then other opioids including methadone. Seems like prescription opioid death has leveled off.

Hemorrhagic Fever – These are outbreaks that are mostly spread by bats and rats. Ebola outbreak in the Congo. Another disease Lassa found in Africa and Marburg discovered in Germany from lab work with monkeys from Africa. The serum for Ebola is just being developed and the efficacy on it is yet to be known. This affects Kendall County because in US people are not quarantined when they arrive from affected countries. We get notice that people are coming from O'Hare to Kendall County and need to be tracked because they have risk factors.

Legionella Outbreak – This is a disease that occurs in complex water systems and have killed a number of people in Illinois and around the country. This is found in places with large complex water systems; showers, fountains with mist (not water fountains), large water towers. This is something we monitor and watch for.

Measles – Measles has reemerged. It is the largest killer of children. Illinois and California has had the largest amount of cases in the country in 2018. Over 200 cases in Illinois in babies and many college students. While death is rare there are many risk factors including neurological damage. People need to get vaccinated

Resistant Tuberculosis (TB) – TB is actually on the increase in the United States. The cases are on the rise because of travel and immigration. It is important that the cases that occur are contained and there is compliance with taking medication. Infected people are asked to isolate themselves and individuals can be quarantined. What we are seeing with the resistant strain is that it is taking 5 times longer to treat. Even with latent cases we are seeing more cases become active. It is highly contagious.

STDs – The most common STD is HPV it's a virus. In 2005 it was forecast 1 in 4 people would have it. Now in 2019 1 in 4 men are forecasted to contract it. This is most commonly contracted by children and people in their 20s. There is a vaccine. Girls are particularly vulnerable and should be tested every year because it can cause cervical cancer. Other STDs like chlamydia is sky rocketing around the country. Syphilis and Gonorrhea are also back. We are seeing comorbidity with heroin use, syphilis, hepatitis and HIV.

Suicide Escalation - More than 30% increase in suicides since 2000. It is the 10th leading cause of death. A lot of misunderstanding in about the trends. The people to most likely to die by suicide are middle age and caucasian men. United States leads death by suicide with firearm. In Kendall County the leading cause of suicide death has been suffocation or asphyxiation

Vaccine Hesitancy – More people are resistant to getting vaccines. It is important to respectfully address concerns about vaccine hesitancy. This hesitancy falls under 3 categories; safety, necessity and choice. Try to answer questions and if there is a family history of adverse effects then direct people to their personal physician for education and help to make informed decisions.

- **Kendall County Soil and Water District** – Megan Andrews briefed the committee about their Pond Workshop which would be on March 5th, in partnership with IDNR Fisheries Biologist. This workshop coincides with the tree and fish spring sales event. The sale information will be in the twice a year newsletter which would be coming out soon.

Ms. Andrews reported that they are working with Village of Oswego on a Soil and Erosion Workshop. Also they just wrapped up their Annual Meeting where several awards were given.

Ms. Andrews also reported that with being co-located with the USDA office during the shutdown they were able to stay in the building this time. The USDA has a new Federal Farm Bill so she will be working with them on that. This provides program opportunities for agricultural land owners. On the state side they have cost share to help local land owners both rural and urban landscapes.

Finally, Ms. Andrews wanted to thank the County Board for the Kind Contribution and the opportunity to have education storage space, with Kendall and Grundy Farm Bureau merging more storage space was needed.

Hannah Raver, Education Coordinator, stated that they were heading over to Pickerill House today for a tour. She is just wrapping up her Diary Presentations in the schools and is working on an Earth Day presentation emphasizing recycling. For summer activities they are looking to do their Natural Resource Tour at Hoover.

- **Water Related Groups - None**

OLD BUSINESS – None

NEW BUSINESS

- *Discussion and Approval of Resolution Reducing Behavioral Health Conditions in Jails* – Dr. Tokars reported that the Board of Health and the Sheriff have already signed the resolution in the Fall and it is in the implementation phase. There is an enormous correlation between behavioral health and incarceration. To the Sheriff's credit they were already doing screenings. This would be a more robust screening of inmates so inmates can be referred to mental health and other services upon their release. Inmates could also be treated differently based on the results of the screening. Scott Koepfel asked about fiscal impacts. Dr. Tokars indicated that currently there are no additional costs associated with the screenings. The process is just a bit more robust so inmates can receive services in jail and then connecting them to services when they leave if they so choose. Member Flowers made a motion to forward the Resolution to the March 5th County Board Meeting second by Member Vickers. **With three members present voting aye the motion carried.**

CHAIRMAN'S REPORT – Member Gilmour welcomed Member Robyn Vickers our new Board Member to the Committee. She also noted that Member Vickers represents the Board on the 708 Mental Health Board.

PUBLIC COMMENT – None

ITEMS FOR COMMITTEE OF THE WHOLE – None

COUNTY BOARD ACTION ITEMS – Approval of Resolution Reducing Behavioral Health Conditions in Jails

EXECUTIVE SESSION – Not Needed

ADJOURNMENT – Member Flowers made a motion to adjourn the meeting, second by Member Vickers. **With no objections, the meeting was adjourned at 9:29 a.m.**

Respectfully Submitted,

Mera Johnson
HR Risk & Compliance Coordinator



**Kendall County Soil & Water
Conservation District**

Spring 2019 Newsletter

Kendall County Soil & Water Conservation District

Conservation Connection

Spring 2019 Sales: Fish & Trees

The Kendall County Soil and Water Conservation District (SWCD) is currently accepting orders for our Spring 2019 Fish & Tree Sales. Order forms are included with our newsletter, available on our website at:

www.kendallswcd.org or by contacting our office at (630)553-5821 x3.

Fish Sale:



Triploid Grass Carp Orders Due: Monday, March 11th

All Other Orders Due: Monday, March 18th

Fish Pick-up: Tuesday, March 26th at 10am at the Kendall SWCD office



Tree Sale:

Orders Due: Thursday, April 18th

Tree Pick-up: Thursday, April 25th

A Pond in Winter

Rob Miller, Fisheries Biologist, Illinois Department of Natural Resources (IDNR)

As the seasons change and the thermometer readings drop, life in the pond begins to slow down. And as the water cools and ice begins to form on the surface, changes occur.

The most significant of these is the effect ice-over has on the amount of dissolved oxygen in the pond's water. Ice forms a seal which prevents the exchange of gases at the pond's surface but perhaps more importantly, it has a marked effect on sunlight penetration which relates directly to the production of oxygen through photosynthesis.

Green plants which remain viable during the winter months, along with microscopic algal forms, can continue to produce oxygen as long as there is sufficient light. Photosynthesis can occur beneath the ice with as little as 10% of the available sunlight. However, as winter wears on and the ice becomes thicker, it gets more opaque which diminishes sunlight penetration. Add to this a layer of snow and soon the pond is completely dark and no further photosynthesis can occur. Five inches of snow over just three inches of clear ice blots out almost all available light. With no additional oxygen being produced, all processes beneath the ice which utilize dissolved oxygen continue to diminish the supply until ice-out occurs.

In most cases, ponds which have sufficient depth can "weather the storm" and come through normal winters without too much impact. In northern Illinois, ten to twelve feet is considered adequate depth. Ponds which are shallow, support excessive amounts of aquatic vegetation, have a large amount of organic sediment, or are compromised in other ways, are prone to

(continued on page 2)

SWCD Board of Directors:

Butch Konlcek
Chair

Deanna Bazan
Vice-Chair

Scott Brummel
Secretary/Treasurer

SWCD Staff:

Hannah Raver
Education Coordinator

Megan Andrews
Resource Conservationist

USDA-NRCS Staff:

Trenton Rader
Acting District Conservationist

Jen Hamer
Soil Conservationist

Mitch Jarman
Soil Conservationist

Kendall County Board Liaisons:

Matt Kellogg
Scott Gryder

Inside this issue

Fish and Tree Sales	1
Pond Management	1
Cost Share Assistance.....	2
STAR Program	3
NRCS Partner Updates.....	4
EQIP Deadlines.....	5
SESC Workshop.....	5
Summer Ag Institute.....	6
Poster Contest Winners	6
NACD Spring Poster Contest.....	7
Coordinator Corner.....	7

***Also included:**

Spring 2019 Sales Forms

SWCD Updates and Resources

A Pond in Winter (continued)

By Rob Miller, Fisheries Biologist, IDNR

winter-kills, or fish kills, which are caused by oxygen depletion.

Fish generally require a minimum of four parts per million of dissolved oxygen to ensure survival. Some species, like goldfish, carp and bullheads are more tolerant of less than ideal conditions. Bass and bluegills are extremely sensitive to low dissolved oxygen levels.

Recently, the winters in northern Illinois have been extremely hard on the fish populations of many lakes and ponds. Ice cover, which came on very early, was blanketed by heavy snow for several weeks which lead to oxygen-depletion issues and fish kills. Water bodies which had never experienced this event, many of which were relatively deep, reported die-offs as the ice finally retreated.

So what can a pond owner or lake manager do to prevent such a thing from happening? A simple way to reduce the potential for winter kill is to limit the amount of snow cover on the ice. By removing all or a good portion of the snow cover, sunlight penetration can be increased and photosynthesis enhanced. Mechanical aeration will keep the waters circulating and maintain an open water area. Warmer, less oxygenated water is drawn to the surface where it rapidly cools and absorbs oxygen. The freshly oxygenated water sinks and is replaced with warmer water and the cycle continues. This circulating water pattern keeps the pond water moving and re-oxygenates the pond. Note that cutting a few holes in the ice does not have the same effect and does little to offset oxygen depletion.

Most winter kills occur late in the season and the impacts are readily evident as the ice cover thaws. But if the kill occurred early in the season, the fish may have already decomposed by the time the ice goes out. As the water warms in the spring and reaches 50°, there should be evidence of fish activity. If you suspect that your pond may have experienced a winter kill, contact your county IDNR Fisheries Biologist and they will be happy to discuss restocking options with you.

Partners for Conservation Program: Cost-share Assistance Now Available

Do you have an unused water well on your property you want to seal? Are you experiencing erosion on your cropland? Interested in incorporating native plants into your landscape?

Cost-share funds now available through the Partners for Conservation Program (PFC) locally at the Kendall County SWCD. The program provides technical and financial assistance for the construction of projects that conserve soil and protect water quality. Eligible practices include: Water Well Sealing, Rain Gardens, Cover Crops, Grassed Waterways, Filter Strips, Grade Stabilization Controls, Nutrient Management and, new this year, Pollinator Habitat (special focus on Monarch Butterfly while addressing water quality and erosion, not to exceed 10 acres).

Be sure to take advantage of available funds while they last. Cost-share rates have increased this year from 60% to 75% of the estimated project cost (based off of our current cost list for Kendall County).

Questions? Contact Megan at the SWCD office.



Saving Tomorrow's Agriculture Resources

About S.T.A.R.

- S.T.A.R. is a **FREE** state-wide tool to assist farm operators and land owners in evaluating their nutrient and soil loss management practices on individual fields. The ultimate goal is to meet the goals of the Illinois Nutrient Loss Reduction Strategy.
- *The S.T.A.R. evaluation program assigns points for each cropping, tillage, nutrient application, and soil conservation activity on individual fields.* The S.T.A.R. Science Committee, made up of experts and university researchers, reviews practices to determine the points and ranking system. Higher point values are assigned to those practices that align best with the NLRs science assessment and goals and will be updated annually to reflect the most current research. The star rating for a field can be anywhere from 1 to 5 stars.



Potential Benefits of Using This Program

- Increase net farm income
- Inspire other farmers and landowners to take action in helping to meet nutrient loss reduction goals for Illinois
- Promote a positive image of farmers and agriculture in the local community
- Decrease nutrient loss
- Promote producers for new farmland leases
- Assist producers in securing local conservation cost share
- Assist producers in securing market incentives for growing crops using conservation cropping practices
- Assist producers in obtaining documentation in support of water quality issues



Listed are some practices used in the rating system and the points that may be assigned: *

No nitrogen applied in fall or spring, use of a winter hardy cover crop, no tillage in fall or spring	Soil sampling every 3 years, a crop rotation that includes a small grain	At least 75% of nitrogen applied in spring / summer, total nitrogen minimized, at least 50% of phosphorous applied was banded subsurface	At least 25% of nitrogen side-dressed, winter kill cover crop, use of Triple Super, VRT application, filter strips, waterways	Crop rotation, written nutrient management plan, limited tillage
5-6 points	4 points	3 points	2 points	1 point



Kendall County Soil & Water Conservation District

Kendall County Soil & Water Conservation District

7775A Route 47, Yorkville, IL 60560
P: 630-553-5821 Ext. 3
www.kendallawcd.org

If you want to learn more about the S.T.A.R. program, contact the Kendall County SWCD office.

For access to our portal that can be used for entries by phone or computer, go to star.precisionconservation.org.

Partner Updates: USDA Natural Resource Conservation Service (NRCS)

By Jen Hamer, Soil Conservationist

Farm Bill

The Agriculture Improvement Act of 2018, the Farm Bill, was signed into law on December 20, 2018. USDA-Natural Resources Conservation Service (NRCS) is in the process of updating and developing program regulations and policies. The new Farm Bill continues the following NRCS-administered conservation programs—although some will have significant revisions:

- Agricultural Conservation Easement Program
- Conservation Stewardship Program
- Environmental Quality Incentives Program
- Regional Conservation Partnership Program

The Conservation Reserve Program, which is administered by the Farm Service Agency, is also included in the new Farm Bill.

Grundy-Kendall-LaSalle District Group NRCS Staff

Mark Baran, the District Conservationist in the Ottawa Field Office, retired January 31st. John Garrity, the Soil Conservation Technician in the Ottawa Field Office, will retire February 28th.

Jen Hamer, Soil Conservationist in the Morris Field Office, and Mitch Jarman, Soil Conservationist in the Ottawa Field Office, remain as the NRCS staff. Jen usually works in the Yorkville Field Office on Thursdays. Mitch usually works in the Yorkville Field Office on Wednesdays. Please schedule appointments or call before driving in to the office to ensure that they will be available to assist you.

For NRCS Assistance, please contact one of the offices in our District Group.

- Yorkville Field Office at 630-553-5821 Ext. 3
- Morris Field Office at 815-942-0359 Ext. 3
- Ottawa Field Office at 815-433-0551 Ext. 3

Or register for Conservation Client Gateway, NRCS's online customer service and communication tool:

<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/cgate/>

*USDA is an equal opportunity employer, provider, and lender.
NRCS: Helping People Help The Land.*



Kendall County Soil & Water Conservation District

7775A Route 47, Yorkville, Illinois 60560 • (630)553-5821 extension 3



www.kendallswcd.org

Name: _____
 Address: _____
 City: _____ Zip Code: _____
 Phone: _____
 Email: *(print clearly)* _____

Triploid Orders Due: Friday, March 8th
Remaining Orders Due: Monday, March 18th
Fish Pick Up: Tuesday, March 26th, 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	Growth Rates	Stocking Rates (per acre)		Size (inches)	Unit	Price	Qty	Subtotal	
		Feeding	Not Feeding						
Channel Catfish	Up to 1 pound per year if commercially fed	300	150	4-6"	each	\$0.80			
				6"-8"	each	\$1.00			
				8-10"	each	\$1.20			
*NOTE: Large channel catfish cannot be bagged; please bring a clean container (example: 5 gallon bucket) of your pond water for transportation.									
Albino Catfish				4"-6"	each	\$1.35			
Hybrid Sunfish	1/4 - 1/2 pound per year	500	250	1"-2"	bag (250 fish/bag)	\$80.00			
				3"-5"	each	\$0.90			
				5"-7"	each	\$1.40			
Largemouth Bass	1/2 - 3/4 pound per year	50	50	2 - 3"	each	\$1.00			
		100	50	5"-8"	each	\$3.15			
Black Crappie	1 1/2 - 3 ounces per year	100		2"-3"	bag (100 fish/bag)	\$65.00			
Bluegill	1 - 2 ounces per year	500-1000		1"-2"	bag (250 fish/bag)	\$80.00			
		500-1000		3"-5"	each	\$1.00			
Redear	2 - 3 ounces per year	500-1000 stock 1/2 if bluegill exist		1"-2"	bag (250 fish/bag)	\$80.00			
Fathead Minnows	Up to 3 inches; lifespan of 14 months.	5	5	sold per pound	pound (150 per pound)	\$13.50			
Triploid Grass Carp* (see below)	2 lbs/month in warm months	3-5 (if severe weed problem exists)		8"-11"	each	\$13.50			
Total									

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

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

For Office Use: Date paid: _____ Amount: _____ Cash / Check No: _____



Kendall County Soil & Water Conservation District

7775A Route 47, Yorkville, Illinois 60560 • (630)553-5821 extension 3

 www.kendallswcd.org

Large Potted: trees are 48" tall				Grasses: 1 gallon containers				
		Price	Quantity	Cost		Price	Quantity	Cost
1	Birch, Whitespire (single stem)	\$ 35			26	Prairie Dropseed Grass	\$12	
2	Coffeetree, Kentucky	\$ 39			Perennials: sold in 1 gallon containers			
3	Maple, Autumn Blaze	\$ 45			27	Coreopsis, Zagreb	\$10	
4	Maple, Brandywine	\$ 39			28	Echinacea, Purple Coneflower	\$10	
5	Oak, Northern Red	\$ 39			29	Daylily, Red	\$10	
6	Oak, Swamp White	\$ 39			30	Daylily, Stella D' Oro	\$10	
7	Redbud, American (single stem)	\$ 39			31	Daylily, Happy Returns	\$10	
Small Potted: trees range from 12"-30" tall					32	Rudbeckia, Black-eyed Susan	\$10	
8	Hackberry, Common	\$8			33	Russian Sage	\$10	
9	Hazelnut, American	\$8			34	Salvia, Purple	\$10	
10	Hornbeam, American	\$8			35	Sedum, Autumn Joy	\$10	
11	Maple, Fall Red	\$8			Groundcovers: sold in trays of 24 plants			
12	Oak, Swamp White	\$8			36	Sedum, Bailey's Gold	\$30	
13	Redbud, American	\$8			37	Sedum, Dragon's Blood	\$30	
14	Serviceberry, Laevis	\$8			TOTAL COST \$ 			
15	Walnut, Black	\$8						
Potted Evergreens: trees range from 8"-18" tall								
16	Flr, Concolor	\$9			<div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px;"> Orders Due: Wednesday, April 17th Pick-Up: Thursday, April 25th, 12pm - 4pm </div> <p>We kindly request payment accompany order; we accept cash or check. Please make checks payable to: Kendall Co. SWCD</p>			
17	Pine, Eastern White	\$9						
18	Spruce, Black Hills	\$9						
19	Spruce, Colorado	\$9						
20	Spruce, Norway	\$9						
Shrubs: shrubs range from 12"-30" tall								
21	Dogwood, Bailey's Red Osier	\$8			<p>Please remind me prior to the pick up by: (choose method) <input type="checkbox"/> Phone <input type="checkbox"/> Email</p>			
22	Forsythia, Meadowlark	\$8						
23	Lilac, Common Purple	\$8						
24	Serviceberry, Lamarcki	\$8						
25	Sumac, Glabra Smooth	\$8						

Name: _____
 Phone: _____
 Address: _____
 City: _____ Zip Code: _____
 Email: _____

Please Note:

- * These plants are for conservation purposes only and shall not be used for ornamental or landscaping resale.
- ** We are not responsible for orders that are not retrieved on the pick up date above.
- ***Listed species selected through consultation with local experts.

FOR OFFICE USE:

Date Paid: _____ Amount: _____ Payment Method: Cash / Check No. _____

USDA-NRCS Updates (continued)

2019 Illinois EQIP Application Deadlines Set

Look to the USDA-Natural Resources Conservation Service (NRCS) for conservation assistance on agricultural and forestland. Ivan Dozier, Illinois NRCS State Conservationist, explains, "NRCS has a long history of conservation planning with agricultural producers and forestry managers. We have the technical knowledge to develop a conservation plan for your resource concerns and NRCS has conservation programs to help you implement that plan."

The primary financial assistance program is the Environmental Quality Incentives Program (EQIP). EQIP provides financial and technical assistance to agricultural and forestland producers. To participate, producers can apply for EQIP throughout the year; however, Illinois NRCS has established two application deadlines for **April 19, 2019** and **May 17, 2019**. NRCS encourages producers to submit applications by one of the deadlines if they are interested in the program.

Hundreds of Illinois producers have successfully used EQIP to address natural resource issues on their farm. Some EQIP activities include installing structures to address gully erosion, improving pastureland diversity using interseeding techniques, and improving soil health by increasing organic matter with cover crops. A special Illinois funding pool also targets monarch butterflies by creating or improving monarch habitat with stands of milkweed and nectar plants.

These conservation practices can be completed through NRCS EQIP funding pools, such as grazing land operations, confined livestock operations, organic, monarch butterfly, and wildlife habitat, just to name a few. In addition to conservation practices, EQIP funds plan development, such as Comprehensive Nutrient Management Plans (CNMPs), Grazing Plans, Drainage Water Management Plans, and more.

Producers interested in EQIP should submit a signed application (NRCS-CPA-1200 form) to the local NRCS field office. Applications submitted by April 19, 2019 and May 17, 2019 will be evaluated by NRCS staff for the funding period submitted.

Applicants must meet program eligibility requirements to participate in EQIP. Local NRCS field office staff will work with applicants to determine eligibility and answer ranking questions. If an application is ranked high enough to be funded, NRCS staff will work with each applicant to develop a contract.

EQIP is a voluntary conservation program available for agricultural producers and forestry producers. Through EQIP, NRCS provides financial and technical assistance to install conservation practices. For more information on EQIP, contact your local NRCS field office or visit: www.nrcs.usda.gov/wps/portal/nrcs/il/programs/financial/eqip/

Winter 2019 Soil Erosion & Sediment Control Workshop

The Kendall County Soil & Water Conservation District in partnership with the Village of Oswego will host our Winter 2019 Soil Erosion & Sediment Control Workshop on Friday, March 22, 2019 from 8:00am-12noon at the Village of Oswego; please visit www.kendallswcd.org to view the workshop flyer.

Speakers from Illinois EPA, Kendall County SWCD, Hanes Geo Companies, Christopher B. Burke Engineering Ltd and Deuchler Engineering Corporation will be on hand to share information on current permit requirements, the Illinois Urban Manual, soil erosion/sediment control best management practices, and project compliance resources.

Professional Development Units are available for attending.

The workshop is free but advance registration is required as seating is limited; please RSVP no later than March 21st to Megan at (630)708-4009 or Megan.Andrews@il.nacdnet.net

Education Program Updates and Opportunities

Graduate Course Opportunity for Teachers

Do you want to pick up some graduate hours this summer? Sign up for our Summer Agriculture Institute. In this course, you will tour the tri-county area to learn about farms, food, agricultural businesses, ag technology, and much more. Tours will include (but are not limited to) a dairy farm, ice-cream factory, sugar storage facility, winery, nursery, beef operation, hog farm, and lock and dam. Additionally, teachers will learn about GPS in agriculture, GMO's, nutrition, renewable fuels, and much more.

This course will take place July 10-12 and 15-17. It will be worth 3 graduate credits. New this year, if you completed a Summer Ag Institute in the past, you are eligible to take it again pending school district approval!

For more information contact Hannah Raver: email kendallaitc@gmail.com or call 630-553-5821, ext. 3.

Poster Contest Winners

Just over one hundred students from Kendall County participated in this year's Agriculture in the Classroom Poster Contest. This year's theme was "Apples on the Farm." Student entries were selected by grade level and overall countywide winners were named.

The winning entries included: Lilliana (1st grade at Cross Lutheran), Clay (2nd grade at Cross Lutheran), Aaryn (2nd grade, Homestead in Oswego), and Leah (2nd grade in Lisbon). District winners each received a certificate, a pencil, and a book. Countywide winners received a certificate, a pencil, a book, and a gift certificate. Other outstanding entries include: Sunniyah (2nd grade, Homestead in Oswego), Zadle (2nd grade, Lisbon), Delainey (2nd grade Lisbon), Ava (2nd grade, Homestead in Oswego), and Brenna (2nd grade Wolf's Crossing). Every student who entered a poster received a pencil and a certificate.

Thank you to these organizations for supporting the Ag in the Classroom program: Kendall County Board, Kendall County Farm Bureau Foundation, Kendall County Young Leaders, Kendall-Grundy Beef Association, Kendall County Pork Producers, and the Kendall County Corn Growers.



Education Program Updates and Opportunities (continued)

NACD Spring Poster Contest

Did you know that almost all the food you eat, materials for the clothes you wear, and wood for the house you live in is produced by soil? It takes 500 years to produce an inch of topsoil, which is the most productive layer of soil. Soil is a non-renewable natural resource, this should make us think how much we value it. Get thinking about the importance of soil by participating in the 2019 National Association of Conservation District's Poster Contest. The theme this year is "Life in the Soil: Dig Deeper." The contest is open to K-12th grade. It is hosted locally by the Kendall County SWCD. More Information can be found at www.nacdnet.org/wp-content/uploads-2018/10/Trifold-Brochure_Life-in-the-Soil-Dig-Deeper_2019.pdf. If you have questions you can contact Hannah Raver at kendallaitc@gmail.com or by phone 630-553-5821, ext. 3. All entries are due by April 19th to Kendall SWCD, 7775A Route 47, Yorkville, 60560.

Coordinators Corner


This has been a crazy past six months! I started the week of the Kendall County Fair, in the same month had the Young Leaders Golf Outing and the Scholarship Dinner. All while trying to prepare for my classroom visits.

In September I started my classroom visits. Throughout the school year I have reached approximately 2100 students. Each of those students see me four times. The presentations this year included Apples and Pollinators, Corn and Beans, Dairy and Beef, and finally Earth Day.

If you have questions or need to contact me my email is kendallaitc@gmail.com or by phone 630-553-5821, ext. 3.



Thank you to the 2019 Conservation Connection Sponsors!
 Please note that the KCSWCD does not recommend or endorse any persons, organizations, products or services listed; we present them only as sponsors to our newsletter.



**MILLER TOWNSHIP
CONSTRUCTION COMPANY**

STEVEN ANDERSON
815-795-4236

**FARM DRAINAGE AND TILING • GENERAL EXCAVATING
WATERWAYS • PONDS • SUBDIVISIONS**

ESTABLISHED IN 1955

Brummel Realty, LLC
 Specializing in Farmland & Commercial

Scott Brummel
 Broker / Owner

1107 S. Bridge Street, suite D
 Yorkville, IL 60560
 Cell: 630-997-8995
 Office: 630-553-3200
 Fax: 630-553-3270
 Land@BrummelRealty.com
 www.BrummelRealty.com




Experienced
And Equipped To Fit
Your Need

630-553-8818

Donald "Don" Niles

Niles Excavating, Inc.
 715 E South Street (Route 34)
 Plano, IL 60545

Phone: 630-553-8818
 Fax: 630-553-8900

Email: PCNiles@NilesExcavating.com
 Website: www.NilesExcavating.com



**KENDALL
EXCAVATING**

PAT HOGAN
 630-774-5101

**P.O. BOX 514
 YORKVILLE, IL 60560**

 Follow us on Facebook for updates and events or visit our website at www.kendallswcd.org



**Kendall County Soil & Water
Conservation District**

7775A Route 47
 Yorkville, IL 60560

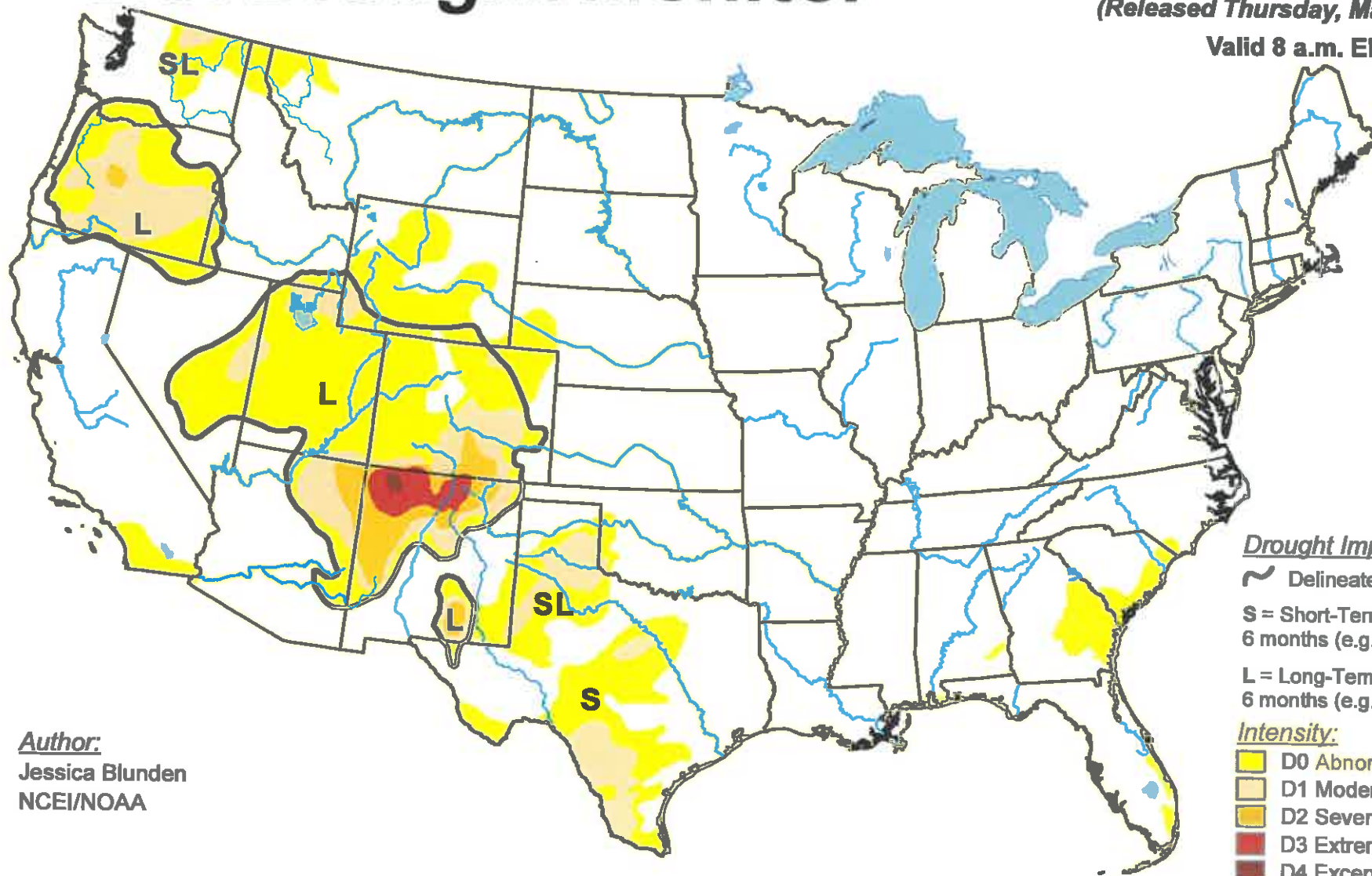
www.kendallswcd.org
 Phone (630) 553-5821 x3

**NONPROFIT ORGANIZATION
 U.S. POSTAGE PAID
 PERMIT NO.14
 YORKVILLE ILLINOIS**

Address Service Requested

U.S. Drought Monitor

March 12, 2019
 (Released Thursday, Mar. 14, 2019)
 Valid 8 a.m. EDT



Drought Impact Types:

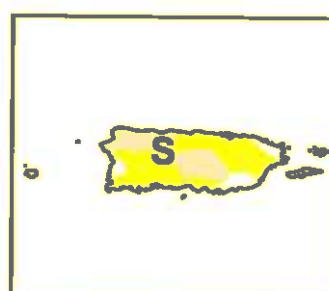
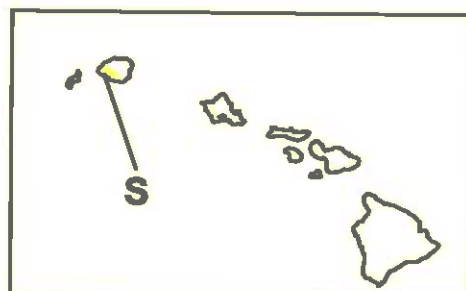
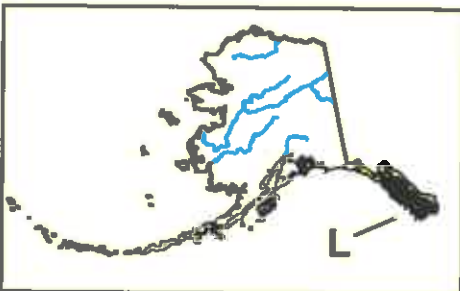
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

Author:
 Jessica Blunden
 NCEI/NOAA

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



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