MEETING AGENDA

1. Call to Order

2. Roll Call: Judy Gilmour, Dan Koukol, Elizabeth Flowers, Matthew Prochaska, John Purcell

3. Approval of Agenda

4. Approval of Minutes from October 19, 2015

5. Status Reports
   - 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

12. Executive Session

13. Adjournment
CALL TO ORDER
The meeting was called to order by Chair Judy Gilmour at 9:02a.m.

ROLL CALL
Committee Members Present: Dan Koukol – here, Judy Gilmour – here, Matthew Prochaska – here, John Purcell - yes

Committee Members Absent: Elizabeth Flowers

Others Present: Megan Andrews, Kendall County Soil & Water District, Steve Curatti, Program Administrator, KC Health Department, Marlin Hartman, Solid Waste Coordinator, KC Health Department, Aaron Rybski, Environmental Health Director, KC Heath Department. And Dr. Amaal Tokars, KC Health Department Executive Director

APPROVAL OF AGENDA – Member Koukol made a motion to approve the agenda, seconded by Member Prochaska. With all in agreement, the motion passed.

APPROVAL OF MEETING MINUTES – Member Prochaska made a motion to approve the September 21, 2015 meeting minutes, second by Member Koukol. With all in agreement, the motion passed.

STATUS REPORTS


   Mr. Hartman said that there has been a big change in garbage now is a decrease in paper waste, but an increase in glass and electronic recyclables.

➢ **Soil & Water** – Megan Andrews reviewed the drought monitor and the National oceanic Atmospheric Administration report including a prediction of the 2015-2016 winter weather predictions due to the strong El Nino influence.

   Ms. Andrews stated that their Fish sale is wrapping up, and pick-up is next week.
Ms. Andrews also reported that the U.S. Department of Aggregation is going through a reorganization that will impact the Kendall County Soil & Water District. She said there used to be a district conservationist in every office, but now the USDA is going to a Pod grouping that will include one conservationist for Kendall Grundy and LaSalle Counties that will occur in early December 2015.

➢ **Water Related Groups** – No report

➢ **Other Reports** – No report

**CHAIRMAN’S REPORT** – Judy Gilmour shared that she received notice from the IEPA that Green Organics has applied to renew their permits. Aaron Rybski stated that the Health Department Environmental Health division continues to monitor the process, and all permit renewals.

Ms. Gilmour stated she was notified that Fox Metro is applying for bio-solid applicators in three areas in Na-Au-Say Township. Mr. Rybski said that this process is regulated, monitored and regulated by the IEPA, and not by the Health Department. Mr., Rybski said the Health Department is notified by the IEPA whenever these types of applicators occur in Kendall County. Mr. Curatti said that the Health Department monitors the applications for Kendall County and the time of year that bio-solid applicators are applied to fields in Kendall County.

**OLD BUSINESS** – None

**NEW BUSINESS**

- **Discussion of Prescription Drug Discount Program, “Pro-Act”** - Member Prochaska reviewed the Pro Act Prescription Drug program, and provided some of the potential benefits to County residents that would use the program. Mr. Prochaska said that the program is currently being utilized by Fulton, Madison, Peoria, St. Clair, and Tazewell counties in Illinois.

Mr. Wilkins stated that our current contract with CareMark, the prescription drug discount service provider through NACO, is valid through the end of 2016.

Dr. Tokars said that the Health Department provided other prescription drug cards to clients over the last few years, and that they conducted a comparison of the benefits offered to residents. Findings were that the programs were very similar and that none of them offered substantially greater benefits than the other.

**PUBLIC COMMENT** – None
ACTION ITEMS – None

EXECUTIVE SESSION – None Needed

ADJOURNMENT- Member Prochaska made a motion to adjourn the meeting, Member Purcell seconded the motion. With all in agreement, the meeting was adjourned at 10:00 a.m.

Respectfully Submitted,

Valarie McClain
Administrative Assistant/Recording Secretary
Healthy social support and connectedness are very important components of overall wellbeing. The goal of the KCHD Elder Social Support Group is to promote neighborly support and connection between elders who receive services through the Transitions program. Members will meet in a support group at the Health Department one time per month. Any members who are interested may choose to add their name to a calling tree to receive a weekly phone call from another group member. As the phone tree continues to grow, you will then be asked to contact another elder from the community after you receive your call.

To register or for any questions, please contact Keith Bielema at 630-553-8028.

KENDALL COUNTY HEALTH DEPARTMENT

First meeting will be
on Tuesday 11/10/15
at 10:00 am

811 W. John St.
Yorkville, IL 60560
630-553-9100
Nutrient pollution is a major threat to water quality in Illinois. Over the decades, state and local efforts to control nutrients have yielded positive results, but new strategies are needed to improve the effectiveness of existing water quality programs and secure the long-term health of water bodies in Illinois and throughout the Mississippi River Basin.

What is nutrient pollution?
Plants and animals need nitrogen and phosphorus to survive. But when too much of either is carried in runoff from city streets and farm fields or flows out of wastewater treatment plants, it can fuel algal blooms that decrease oxygen needed by aquatic plants and animals. In the Gulf of Mexico, nutrients washed down by the Mississippi River have created a ‘dead zone’ that covers thousands of square miles. Algal blooms also lower property values, hinder recreation, and threaten public health. In addition, nutrient pollution can degrade drinking water quality and require utilities to install costly treatment equipment.

What is Illinois doing to address the problem?
To help protect local streams and the Gulf, Illinois and 11 other states in the Mississippi River Basin have pledged to develop strategies to reduce the nutrient loads leaving their borders. These strategies are part of a national plan developed by the Mississippi River, Gulf of Mexico Watershed Nutrient Task Force to reduce the size of the Gulf of Mexico hypoxic zone.

The Illinois Nutrient Loss Reduction Strategy builds on existing efforts by state and local governments, as well as non-profits and industry, to protect and restore Illinois waterways.
What does the strategy call for?
The Illinois Nutrient Loss Reduction Strategy lays out a comprehensive suite of best management practices for reducing loads from wastewater treatment plants and urban and agricultural runoff. Recommended activities target the state’s most critical watersheds and are based on the latest science and best-available technologies. Along with water quality standards currently being developed, these practices will help the state achieve its ultimate goal of reducing phosphorus and nitrate loads by 45 percent.

The strategy also calls for more collaboration among state and federal agencies, cities, non-profits, and technical experts.

How was the Illinois Nutrient Loss Reduction Strategy developed?
The strategy was developed by a policy working group led by the Illinois Water Resources Center, the Illinois Environmental Protection Agency, and the Illinois Department of Agriculture. Group members included representatives from state and federal agencies, agriculture, and non-profit organizations as well as scientists and wastewater treatment professionals. By relying on the expertise of diverse stakeholders, the working group developed a cost-effective strategy that meets community and industry needs while still reducing the negative impacts of nutrient pollution on environmental and public health.

For more information:
- www.epa.illinois.gov/topics/water-quality/watershed-management/excess-nutrients/nutrient-loss-reduction-strategy/index
- water.epa.gov/type/watersheds/named/msbasin/

This report was prepared using United States Environmental Protection Agency funds under Section 319 of the Clean Water Act distributed through the Illinois Environmental Protection Agency. The findings and recommendations contained herein are not necessarily those of the funding agencies.
The Illinois NLRS was developed by a Policy Working Group that includes representatives from local, state, and federal agencies, the agricultural industry, and non-profit organizations as well as scientists, academics, and wastewater treatment professionals.

**Key Strategy Components**

- Extends ongoing regulatory and voluntary efforts. The strategy describes a comprehensive suite of best management practices for reducing loads from wastewater treatment plants and urban and agriculture runoff. These practices will help the state reduce its phosphorus load by 25 percent and its nitrate-nitrogen load by 15 percent by 2025. The eventual target is a 45 percent reduction in the loss of these nutrients to the Mississippi River. These actions will also assist in addressing water quality problems in Illinois rivers, lakes, and streams for the benefit of Illinois citizens.

- Identifies priority watersheds for nutrient loss reduction efforts. Recommended practices target the state’s most critical watersheds and are based on the latest science and best-available technology.

- Establishes the Nutrient Monitoring Council to coordinate water quality monitoring efforts by government agencies, universities, non-profits, and industry.

- Creates the Nutrient Science Advisory Committee to develop numeric nutrient criteria for Illinois waters. This committee will evaluate all available research, data, and methodologies and recommend a credible approach.

- Identifies strategies for improving collaboration among government, non-profits, and industry. This includes formation of an Agriculture Water Quality Partnership Forum to steer outreach and education efforts to help farmers address nutrient loss and an Urban Stormwater Working Group to coordinate and improve stormwater programs and education.

- Defines a process for regular review and revision by the Policy Working Group, as well as for measuring progress and reporting to the public.

The Illinois NLRS outlines strategies that meet community and industry needs while reducing the negative impacts of nutrient loss on the environment, industry, and public health. Although many are cost-effective, some, particularly those related to point source reductions, will require significant investment.
Executive Summary

The Illinois Nutrient Loss Reduction Strategy (Illinois NLRS or the strategy) is a framework for using science, technology, and industry experience to assess and reduce nutrient loss to Illinois waters and the Gulf of Mexico. The strategy will direct efforts to reduce nutrients from point and non-point sources in a coordinated, primarily voluntary, and cost-effective manner.

Nutrient loss and runoff is a major threat to water quality in Illinois. State and local efforts over the decades to control nutrients have yielded positive results, but new and expanded strategies are needed to secure the future health of our water throughout Illinois and the Mississippi River Basin.

The Illinois NLRS builds upon existing programs to optimize nutrient loss reduction while promoting increased collaboration, research, and innovation among the private sector, academia, non-profits, wastewater agencies, and state and local government. It does not call for new regulations for either point or non-point sources.

The plan will be introduced and implemented throughout the state with leadership from the Illinois Environmental Protection Agency, the Illinois Department of Agriculture, the Illinois NLRS Policy Working Group, and newly formed committees. Emerging science, new technology, and practical experience will continue to identify the financial benefits and costs of the strategy’s recommendations and inform future policy. Success will require that stakeholders closely collaborate and acknowledge their evolving and increasing mutual dependency.

Development of the Illinois Nutrient Loss Reduction Strategy

The strategy was developed in response to the U.S. Environmental Protection Agency (U.S. EPA) 2008 Gulf Hypoxia Action Plan, which calls for each of the 12 states in the Mississippi River Basin to produce a plan to reduce the amount of phosphorus and nitrogen carried in rivers throughout the states and to the Gulf of Mexico. In 2011, U.S. EPA provided a recommended framework for state plans. Illinois’ strategy follows this framework.
U.S. Drought Monitor

Midwest

November 10, 2015
(Released Thursday, Nov. 12, 2015)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th></th>
<th>None</th>
<th>D0-D4</th>
<th>D1-D4</th>
<th>D2-D4</th>
<th>D3-D4</th>
<th>D4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>61.47</td>
<td>38.53</td>
<td>12.67</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Week 11/3/2015</td>
<td>61.24</td>
<td>38.76</td>
<td>12.93</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>3 Months Ago 8/11/2015</td>
<td>93.15</td>
<td>6.85</td>
<td>0.73</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Calendar Year 12/31/2014</td>
<td>83.08</td>
<td>16.92</td>
<td>0.11</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Start of Water Year 9/28/2015</td>
<td>79.46</td>
<td>20.54</td>
<td>1.04</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>One Year Ago 11/11/2014</td>
<td>88.64</td>
<td>11.16</td>
<td>0.11</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

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/
Executive Committee Meeting Minutes

September 10, 2015 Minutes

Present: DeKalb County Board Member Ruth Anne Tobias, Treasurer: North Aurora President Dale Berman; McCullom Lake President Terry Counley; Barrington President Karen Darch, Kane County Board Member Joseph Haimann; Elgin Mayor David Kaptain, South Barrington President Paula McCombie, McHenry County Board Member Carolyn Schofield.

Also Present: Peter Wallers, NWPA Technical Advisory Committee Chairman; Barrington Area Council of Governments Executive Director Janet Agnoletti, Nora Beck of CMAP, NWPA Intern Bridget Hardy; Will County Planner Colin Duesing, Metro West Council of Government Executive Director Mary Randle, Chris Staron of Northwest Municipal Conference.

Introductions. Ruth Ann Tobias chaired the meeting in the absence of Mayor Weisner. There were no changes or additions to the agenda. Introductions were made.

Election of New Secretary: Terry Counley nominated Dale Berman as Board Secretary. After a second by Karen Darch, the executive committee unanimously elected Mr. Berman.

Resignation of Vice-Chair: Mary Randle noted that NWPA Vice-Chair Mary McCann of the McHenry County Board is resigning from the Executive Committee. She has been assigned another role by the County Board. Carolyn Schofield will now be the primary delegate for the McHenry County Board.

Approval of Minutes: The minutes of July 9, 2015 were approved after a motion by Terry Counley and a second by Dale Berman.

Intern's Report: Bridget Hardy reported that a newsletter went out in July. She plans to send out another in September.

Regional Water Supply Planning: Pete Wallers stated that the Illinois Department of Natural Resources (IDNR) has been in contact with us. They affirmed their interest in continuing to work with us. The Illinois State Water Survey (ISWS) will also continue to work with us.

Joliet: Pete was asked to meet with manufactures in Joliet along with representatives of IDNR and ISWS to discuss the desaturation of the aquifer in southern Kendall County. NWPA has become recognized as an organization to work with regarding water planning in the state.

Presentation to Congressman Hultgren: Pete Wallers and representatives from IDNR met with Congressman Hultgren of the 14th Congressional District, to talk about water supply planning and related challenges.
IDNR is drafting an Action Plan for Strategic Water Supply Planning in Illinois.

There will be a Water 2050 Regional Forum at some point.

Mr. Wallers presented about NWPA background and structure.

Challenges facing 14th District: mining of deep aquifer and salinization of water supply.

Mr. Wallers stated that it’s not time to panic but it’s time to plan. We need to protect the integrity of the deep sandstone aquifer. If we go to some more conservative water uses, it will increase the sustainability of the supply.

The United States Geographical Survey (USGS) is looking at Illinois’ northern counties. Those counties have been doing a better job with a more sensible approach to de-icing.

They spoke to Hultgren about the importance of funding for water supply planning.

Many communities will need to develop alternative water supplies.

All will need infrastructure replaced at some point—water mains and water treatment and distribution facilities.

Current funding options:

Bonds

State Low interest Loans

User fees

Grant program not readily available for water infrastructure.

Cost share grants similar to the Federal Transportation program are needed.

Pete thought the meeting with Congressman Hultgren went well.

Deferred Capacity increases Due to Water Use Reduction. As we lower demand for supply, the infrastructure lasts longer.

Huntley has been working on water conservation and efficiency. They have lowered use by 15%. They will save nearly $32,799,000 in capital costs. Algonquin saved $6,350,000. Elgin saved nearly $16,000,000.

Financial Report and 2015-2016 Budget Proposal: Ruth Anne Tobias reported that the NWPA has a fund balance at $11,631.13 as of August 31, 2015. The reports of July and August were approved after a motion by Carolyn Schofield and a second by Karen Darch. Ms. Tobias then presented the proposed 2015-2016 budget for approval. After discussion, the Executive Committee added $700 to reimburse travel by the TAC Chairman. They cut the $1,500 for accounting. We will do an internal audit because we have so few transactions during the year. We are eligible for a postcard filing with IRS. Total projected income is $21,381. The revised expense figure was $14,559 and the final projected net come was $6,822. The revised budget was approved after a motion by Dale Berman and a second by Terry Counley.
Action Item: The executive committee directed Mary Randle to send out the new budget and member dues invoices for 2015-2016.

Fundraising Event: In response to a question about progress on a fundraising event, Mr. Wallers noted that he and Mayor Weisner have been talking to the Metropolitan Planning Council about a joint fundraising event such as a water seminar, etc.

IEPA Low Interest Loan Stakeholder Group: Pete is representing us on the stakeholders group that is looking at how to improve the rules and the process. They already held their first meeting. They are looking at things that would make the process more efficient, more user friendly.

They also want to revise rules to allow funding for stormwater projects for ideas such as rain gardens. These loans have to be paid back but at least it’s another funding source.

Fox River Study Group Plan: Along the Fox River, EPA has been working with municipalities to develop a management plan. The Fox River Study Group has been working on a proposal to improve water quality in the Fox River. It addresses phosphorus reduction and increase dissolved oxygen. Its draft implementation plan will be released this week. It includes requirements for contributions from MS-4 communities. They must have separate storm sewer systems. They will be taking comments. This is for communities that are discharging stormwater into the Fox. An adaptive management plan to remove phosphorus takes some effort and costs about $4,000 per pound. This will increase cost to $30,000 per pound. There may be some cost-sharing possibilities out there. We can send out a link to the report.

The plan wasn’t out in time for the last TAC meeting so they haven’t seen the report yet.

Preliminary Groundwater Availability Report: Pete Wallers passed out a report from the Illinois State Water Survey: The preliminary Groundwater Availability in Northeastern IL from Cambrian-Ordovician Sandstones. This was developed at the request of the NWPA and addresses the potential for desaturation. Please route any comments back to Pete.

Mr. Wallers is very pleased about the progress that we have made on the desaturation study report.

CMAP Funding: We will be talking to CMAP about how we can work together going forward now that their water supply planning money from the State of Illinois has been cut. Nora Beck will represent CMAP at the NWPA meetings.

We haven’t seen much increase in water use reporting. We had planned to have the ISWS take over water use reporting by now but the state’s funding issues will keep that from happening at this point.

Next Meetings: The next TAC meeting will be in late September. The next Executive Committee meeting will be held on November 12.

Submitted by ________________________________

Dale Berman, Secretary
Health & Environment Committee 2016 Meeting Dates

Committee meets the 3rd Monday of each month
9:00 a.m. in the County Board Room

January 18 - MLK Day/County Closed
February 15 – Washington’s Birthday/County Closed
March 21
April 18
May 16
June 20
July 18
August 15
September 19
October 17
November 21