KENDALL COUNTY
Health & Environment Committee
County Office Building
County Board Rooms 209-210

Monday, November 18, 2013
10:00 a.m.

MEETING AGENDA

1. Call to Order

2. Approve Minutes from September 16, 2013 and October 21, 2013 Meeting

3. Status Reports
   - Department of Health & Human Services
   - Farmland Protection
   - Soil & Water
   - Solid Waste Plan Committee
   - Water Related Groups
   - Other Reports

4. Old Business

5. New Business

6. Public Comment

7. Action Items

8. Executive Session

9. Adjournment

Next Meeting Scheduled for Monday, December 16, 2013 at 10:00 a.m.
KENDALL COUNTY
HEALTH & ENVIRONMENT COMMITTEE

Off-site at
Green Organics
1270 East Beecher Road, Bristol, IL 60512
10:00 a.m.
Meeting Minutes of October 18, 2013

CALL TO ORDER
The meeting was called to order by Chairman Judy Gilmour at 10:06 a.m.

ROLL CALL
Present: Chairman Judy Gilmour, Lynn Cullick, Dan Koukol, Matt Prochaska & John Purcell
Absent: None
Also present: Senior Planner Angela Zubko, Director of Environmental Health Aaron Rybski,
Megan Andrews from the Soil and Water Conservation District, Solid Waste Coordinator Marlin
Hartman, Dave Gravel and the Green Organics, Inc. Manager, Jesse Sexton.

TOUR OF THE GREEN ORGANICS FACILITY
David Gravel gave the group a tour of the facility and explained what the plant does, takes in,
turn-around times and what changes will be made since they are adding and subtracting land.

PUBLIC COMMENTS – None

ADJOURNMENT- Next meeting will be on November 18, 2013 at 10:00am.
Chair Gilmour adjourned the meeting at 10:50 a.m.

Respectfully Submitted,

Angela L. Zubko
Senior Planner
KENDALL COUNTY
HEALTH & ENVIRONMENT COMMITTEE
County Office Building, County Board Room 209-210
Monday, September 16, 2013
Meeting Minutes

CALL TO ORDER
The meeting was called to order by Chair Judy Gilmour at 10:00 a.m.

ROLL CALL
Committee Members Present: Lynn Cullick, Judy Gilmour, Dan Koukol, Matthew Prochaska, and John Purcell

Others Present: Megan Andrews, KC Soil & Water Conservation District; Steve Curatti, Department of Health & Human Services; Dr. Amaal Tokars, Department of Health & Human Services; Jason Andrade, Department of Health & Human Services; and Angela Zubko, Planning, Building and Zoning

APPROVAL OF MINUTES
Mr. Koukol made a motion to approve the minutes from August 19, 2013. Mr. Prochaska seconded the motion. With all in agreement, the minutes were approved.

STATUS REPORTS

Department of Health and Human Services – Mr. Andrade discussed National Recovery Month which occurs every September and is recognized by the Substance Abuse and Mental Health Services Administration to help raise awareness for access to treatment for mental illness and substance abuse. Mr. Andrade will discuss National Recovery Month on WSPY and is putting together an article for The Kendall County Record for this month about National Recovery Month. The effects that mental illness and substance abuse have on individuals, families, and friends were explained by Mr. Andrade. Mr. Andrade passed out brochures for the programs that assist individuals with mental illness and substance abuse and explained how treatment for mental illness and substance abuse can be obtained. Dr. Tokars commented that the Health Department plays an integral role in the community in helping individuals with mental illness and substance abuse.

Farmland Protection – None

Soil & Water – Ms. Andrews discussed the school programs that KC SWCD is involved in that focus on crops such as corn and soybeans. The KC SWCD recently conducted a pond shocking with the Grundy County SWCD. Ms. Andrews explained that pond shocking is a way to identify what types of species live in ponds and determine the health
of the pond. This is done by temporarily stunning the fish within the pond so they float to the top. Ms. Andrews explained that the fish are not harmed nor killed in the process. About 64 individuals attended the pond shocking. The KC SWCD is also holding a fish sale at this time and order forms can be found at the KC SWCD office. Other projects currently taking place with the KC SWCD include a technical review manual that addresses green infrastructure and sediment control related practices. The manual is in its final draft review. A tree sale pick up is taking place on Friday, September 20th. The Committee discussed with Ms. Andrews different invasive species that have been introduced to the environment to combat another invasive species and the effect that species have on the environment. Rain barrels are still available to be purchased.

**Solid Waste Plan Committee** – The Solid Waste Plan Committee will meet October 23rd. Ms. Gilmour stated that recycling and source reduction will be discussed at the October meeting. The 2010 goals of the SWPC will be reviewed and updated. The Committee will meet about 6-7 times. Ms. Gilmour will provide a schedule of the committee topics. Mr. Curatti briefly explained a broad overview of the recycling process.

**Water Related Groups** – Ms. Zubko stated that the Northwest Water Planning Alliance met last week. The Strategic Plan that the NWPA has been putting together has been finalized although not yet approved. The NWPA has hired someone on a part time basis to help carry out some of the goals of the Strategic Plan. A Lawn and Landscape Practice manual was put together by the NWPA to be approved for the communities within the NWPA. The Blackberry Creek Committee has not met recently but a fish inventory study has been conducted to determine the amount of new fish species that resulted in a dam removal. According to Ms. Zubko, this study will be available in October or November. Ms. Zubko stated that Green Organics informed the United City of Yorkville that they will be submitting for an amendment to their special use to both the City and the County. Green Organics is within both unincorporated Kendall and the City of Yorkville and therefore must seek approval of an amendment to their special use from both entities. Ms. Zubko stated she will coordinate with Green Organics to arrange for a tour of the facility for the County Board to attend. Depending on when this tour occurs, it could serve in place of the regular Health & Environment Committee meeting for the month in which the tour occurs. That will be decided once the date of the tour has been confirmed. Ms. Zubko will also present the Illinois State Water Survey findings with the Committee once it has been released.

**OLD BUSINESS** – The Committee briefly discussed lawn watering and sod watering restrictions in unincorporated areas.

**NEW BUSINESS** – None

**PUBLIC COMMENTS** – Jim LaPorta of 1302 Clearwater Drive in the United City of Yorkville brought up the issue of burning landscape waste and other materials in unincorporated areas. Mr.
LaPorta indicated that the burning taking place on properties in unincorporated areas is affecting some of the residential areas within the municipal limits. Mr. LaPorta suggested the County’s current burning ordinance be revised to require certain practices and measures when burning in unincorporated areas to help mitigate hazardous burning. The Committee discussed the existing ordinances that the County currently has in place which prohibit burning altogether in R-6 and R-7 zoned properties and also prohibit the burning of certain hazardous materials. Mr. LaPorta described some burning that is occurring which is considered illegal per IEPA regulations such as the burning of construction materials. Mr. Curatti commented on the investigations that have taken place for burning of products being brought in from off-site and explained the inspection process for complaints that are made to the Health Department. The Health Department has been working to address and correct IEPA violations. Dr. Tokars explained that the existing ordinances are currently being reviewed to possibly be combined.

**ACTION ITEMS** – None

**EXECUTIVE SESSION** – None

**ADJOURNMENT** - Mr. Koukol made a motion to adjourn the meeting, Ms. Cullick seconded the motion. With all in agreement, the meeting was adjourned at 11:14 a.m.

Respectfully Submitted,
John Sterrett
Soil Health
Key Points

What’s critical about soil health now?

1. World population is projected to increase from 7 billion in 2013 to more than 9 billion in 2050. To sustain this level of growth, food production will need to rise by 70 percent.

2. Between 1982–2007, 14 million acres of prime farmland in the U.S. were lost to development.

3. Improving soil health is key to long-term, sustainable agricultural production.

Soil health matters because:

1. Healthy soils are high-performing, productive soils.

2. Healthy soils reduce production costs—and improve profits.

3. Healthy soils protect natural resources on and off the farm.

4. Franklin Roosevelt’s statement, “The nation that destroys its soil destroys itself,” is as true today as it was 75 years ago.

5. Healthy soils can reduce nutrient loading and sediment runoff, increase efficiencies, and sustain wildlife habitat.

What are the benefits of healthy soil?

1. Healthy soil holds more water (by binding it to organic matter), and loses less water to runoff and evaporation.

2. Organic matter builds as tillage declines and plants and residue cover the soil. Organic matter holds 18-20 times its weight in water and recycles nutrients for plants to use.

3. One percent of organic matter in the top six inches of soil would hold approximately 27,000 gallons of water per acre.

4. Most farmers can increase their soil organic matter in three to 10 years if they are motivated about adopting conservation practices to achieve this goal.

www.nrncs.usda.gov
How to begin your path to Healthy Soils:

1. Keep it covered.
2. Do not disturb.
3. Use cover crops and rotation to feed your soil.
4. Develop a soil health management plan with the help of NRCS.

Follow four basic soil health principles to improve soil health and sustainability:

1. Use plant diversity to increase diversity in the soil.
2. Manage soils more by disturbing them less.
3. Keep plants growing throughout the year to feed the soil.
4. Keep the soil covered as much as possible.

What is a Soil Health Management Plan?

1. It's a roadmap to soil health.
2. It outlines a system of practices needed to enhance crop production and soil function, and improve or sustain water quality, air quality, energy efficiency and wildlife habitat.
   Some of the recommended conservation practices include: Conservation Crop Rotation, Cover Crops, No Till, Mulching, Nutrient Management, and Pest Management.
3. It provides environmental, economic, health, and societal benefits.
4. It saves energy by using less fuel for tillage, and maximizes nutrient cycling.
5. It saves water and increases drought tolerance by increasing infiltration and water holding capacity as soil organic matter increases.
6. It reduces disease and pest problems.
7. It improves income sustainability for farms and ranches.
8. It improves plant health.
healthy, productive soils checklist for growers

Managing for soil health is one of the best ways farmers can increase crop productivity while improving the environment.

Results are often realized immediately and last well into the future. Following are four basic principles to improving the health of your soil.

1. Keep the soil covered as much as possible
2. Disturb the soil as little as possible
3. Keep plants growing throughout the year to feed the soil
4. Diversify as much as possible using crop rotation and cover crops

Use the checklist on the back of this page to determine if you’re using core Soil Health Management System farming practices. It is important to note that not all practices are applicable to all crops. Some operations will benefit from just one soil health practice while others may require additional practices for maximum benefit. These core practices form the basis of a Soil Health Management System that can help you optimize your inputs, protect against drought, and increase production.

USDA
United States Department of Agriculture

www.nrcs.usda.gov

USDA is an equal opportunity provider and employer.
June 2013
# Soil Health Management Systems Include:

<table>
<thead>
<tr>
<th>What is it?</th>
<th>What does it do?</th>
<th>How does it help?</th>
</tr>
</thead>
</table>
| **Conservation Crop Rotation** | • Increases nutrient cycling  
• Manages plant pests (weeds, insects, and diseases)  
• Reduces sheet, rill and wind erosion  
• Holds soil moisture  
• Aids in diversity so soil microbes can thrive | • Improves nutrient use efficiency  
• Decreases use of pesticides  
• Improves water quality  
• Conserves water  
• Improves plant production |
| **Cover Crop**                | • Increases soil organic matter  
• Prevents soil erosion  
• Conserves soil moisture  
• Increases nutrient cycling  
• Provides nitrogen for plant use  
• Suppresses weeds  
• Reduces compaction | • Improves crop production  
• Improves water quality  
• Conserves water  
• Improves nutrient use efficiency  
• Conserves soil moisture  
• Improves water quality to crops |
| **No Till**                   | • Improves water holding capacity of soil  
• Increases organic matter  
• Reduces soil erosion  
• Reduces energy use  
• Decreases compaction | • Improves water efficiency  
• Conserves water  
• Improves crop production  
• Improves water quality  
• Harvestable residue  
• Improves air quality  
• Increases productivity |
| **Mulch Tillage**             | • Reduces soil erosion from wind and rain  
• Increases soil moisture for plants  
• Reduces energy use  
• Increases soil organic matter | • Improves water quality  
• Conserves water  
• Improves soil moisture  
• Improves air quality  
• Improves crop production |
| **Mulching**                  | • Reduces erosion from wind and rain  
• Moderates soil temperatures  
• Increases soil organic matter  
• Controls weeds  
• Conserves soil moisture  
• Reduces dust | • Improves water quality  
• Improves plant productivity  
• Conserves water  
• Improves air quality  
• Improves crop production |
| **Nutrient Management**       | • Increases plant nutrient uptake  
• Improves the physical, chemical and biological properties of the soil  
• Budgets, supplies, and conserves nutrients for plant production  
• Reduces odors and nitrogen emissions | • Improves water quality  
• Improves plant production  
• Improves air quality |
| **Pest Management**           | • Reduces pesticide risks to water quality  
• Reduces threat of chemicals entering the air  
• Decreases pesticide risk to pollinators and other beneficial organisms  
• Increases soil organic matter | • Improves water quality  
• Improves air quality  
• Increases plant production  
• Increases plant productivity |

*USDA United States Department of Agriculture*
<table>
<thead>
<tr>
<th>Bill #</th>
<th>Title</th>
<th>Description</th>
<th>MH Summit</th>
<th>IPHA Position</th>
<th>NIPH Position</th>
<th>House Status</th>
<th>Senate Status</th>
<th>Gov. Status</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HB 106 SB 26 Medicaid Expansion</td>
<td>This legislation will enable Illinois to receive federal revenue to cover the costs of providing healthcare to uninsured, low-income adults, and thereby replace costs already borne by Illinois taxpayers and numerous other institutions.</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>Passed</td>
<td>Passed</td>
<td>Approved</td>
<td>Supportive Witness slip 2-4-13 Public Act 98-0122</td>
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<tr>
<td>2</td>
<td>HB 190 SB 44 Restore Mental Health Funds</td>
<td>Restoration Mental Health funds - FY13 Supplemental Appropriations bill. The $1.5 billion in supplemental spending includes: restoration of $12 million for community mental health program grants.</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>Passed</td>
<td>Passed</td>
<td>Approved</td>
<td>Presented to the Board of Health March 19,2013 Public Act 98-0001</td>
</tr>
<tr>
<td>3</td>
<td>HB 3227 Am2 (was SB34) IL Health Benefits Exchange</td>
<td>Provides that the Exchange shall be a public entity, but shall not be considered a department, institution, or agency of the State. Sets forth provisions concerning health benefit plan certification.</td>
<td>S</td>
<td>S</td>
<td></td>
<td>Rules Comm.</td>
<td>Re-referred to Assignments</td>
<td>watch</td>
<td></td>
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<tr>
<td>4</td>
<td>HB 1290 SB1451 LHPG</td>
<td>Appropriates $17,100,000 to the Department of Public Health from the General Revenue Fund for local health protection grants for health protection programs. Effective July 1, 2013.</td>
<td>S</td>
<td>S</td>
<td></td>
<td>Re-referred to Rules Comm. 8.9.13</td>
<td>Referred to Assignments 2.6.13</td>
<td></td>
<td>Sent supportive fact Sheets on 2/22/13 and 5/17/13</td>
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RaeAnn VanGundy
11/18/2013

1
<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Title</th>
<th>Bill #</th>
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<tbody>
<tr>
<td>5</td>
<td>Grants Fund Recovery Act</td>
<td>HB 202</td>
<td></td>
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<td>4</td>
<td>Single Audit Commission Act</td>
<td>HB 1938</td>
<td></td>
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<tr>
<td>3</td>
<td>Amends the Food Handling Regulation</td>
<td>SB 449</td>
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<td>2</td>
<td>Health or Substance Abuse Crisis</td>
<td>SB 105</td>
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<tr>
<td>1</td>
<td>Public Act 95-221:3-13 Supportive Wallets, Slip</td>
<td>Public Act 98-3-6:1-3 Supportive Wallets, Slip</td>
<td>0569</td>
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<tr>
<td>Bill #</td>
<td>Title</td>
<td>Description</td>
<td>MH Summit</td>
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<tr>
<td>8</td>
<td>Policy Matter of Lethality and Weapons</td>
<td>Public Health professionals, Boards of Health, and community leadership must continuously work to increase understanding of the relationship between lethal weapons and incidents of lethality in order to protect the health and well-being of the community. The matter of lethality and weapons is complex and the breadth the relationship cannot be sufficiently described in a statement so brief. Yet this set of excerpts is intended to establish both the complexity as well as the critical nature of lethality and weapons as a public health policy issue.</td>
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<td>9</td>
<td>SB1194 Insurance Navigator</td>
<td>Creates the Insurance Navigator Licensing Act. Provides that no individual or entity shall perform, offer to perform, or advertise any service as a navigator in this State or receive navigator funding from the State or an exchange unless licensed as a navigator by the Director of Insurance under the Act.</td>
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<tr>
<td>10</td>
<td>FEDERAL Weatherization Assistance Program</td>
<td>Letter is asking US Senator Durbin to contact DOE Secretary Chu and ask him to use his authority to &quot;provide sufficient funding for WAP in FY 2013 in order for states to maintain an effective program.&quot;</td>
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<tr>
<td>Bill #</td>
<td>Title</td>
<td>Description</td>
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<td>11</td>
<td>Assistance Program</td>
<td>Amends title of the Department and Economic Opportunity to add: &quot;These duties, rights, and responsibilities that will all be transferred to the Department of Commerce and Economic Opportunity on the effective date of the bill.&quot;); The Department of Commerce and Economic Opportunity is hereby abolished.</td>
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<td>2</td>
<td>Weatherization Assistance Program</td>
<td>(As Substitute for the Parent) Amends the Public Assistance Fraud, Sets recycling facilities, principally owned building with playground or property containing any public or real property or recycling facilities on real property or recycling facilities owned building with any public facility within 500 feet of any property.</td>
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<td>12</td>
<td>Age of Minor</td>
<td>Makes it unlawful for a child sex offender to make it unlawful for a child sex offender to T/IN (rare) that the restrictions apply to persons taken in custody before their 17th birthday or that release of Juvenile Records. Provides also changes the age concerning committed offenses against age facility, (rather than 17) years of age. When the age of the child was under 17. Changes the definition of delinquent minor.</td>
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<tr>
<th>Bill #</th>
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<tbody>
<tr>
<td>4-4-13</td>
<td>Witness Slip</td>
<td>Referred to the Department.</td>
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<tr>
<td>99-061</td>
<td>Public Act</td>
<td>Passed</td>
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<tr>
<td>20260</td>
<td>Public Act</td>
<td>Passed</td>
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<tr>
<td>14</td>
<td>HB</td>
<td>71</td>
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<td>13</td>
<td>HB</td>
<td>3023</td>
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<td>12</td>
<td>HB</td>
<td>2404</td>
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<td>11</td>
<td>SB</td>
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<td>#</td>
<td>Bill</td>
<td>Topic</td>
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<tr>
<td>15</td>
<td>HB 1379</td>
<td>Sale of Utilities</td>
</tr>
<tr>
<td>16</td>
<td>Federal Policy</td>
<td>Menu Labeling Rule</td>
</tr>
<tr>
<td>17</td>
<td>Federal Policy</td>
<td>Formal meeting with Senator Kirk's office.</td>
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<tr>
<td>18</td>
<td>Federal Policy</td>
<td>Government Shutdown</td>
</tr>
</tbody>
</table>

**Professional Organizations**

- APHA (American Public Health Association)
- CAP (Community Action Partnership)
- CBHA (Community Behavioral Healthcare Association)
- NACCHO (National Association of County and City Health Officials)
- NALBH (National Association of Local Boards of Health)
- NEHA (National Environmental Health Association)

RaeAnn VanGundy
11/18/2013