

AGENDA
NATURAL AND ENVIRONMENTAL RESOURCES COMMITTEE
WEDNESDAY, NOVEMBER 9, 2011 – 8:30 A.M.
McHenry County Government Center – Administration Building
667 Ware Road – County Board Conference Room
Woodstock, IL 60098

- 1.0 Call to Order
- 2.0 Minutes Approval
- 3.0 Public Comment
- 4.0 Presentation
 - 4.05 Real Time Monitoring Wells
- 5.0 New Business
 - 5.05 Resolution Authorizing Nunc Pro Tunc a Joint Agreement with the U.S. Department of the Interior/U.S. Geological Survey for Water Resources Investigations and an Emergency Appropriation to the Fiscal Year 2011 Ground Water Resource Division Budget
- 6.0 Old Business
- 7.0 Reports to Committee
 - 7.05 McHenry County Conservation District, as applicable
 - 7.10 Natural Hazard Mitigation Plan
 - 7.15 Agricultural Conservation Easement Farmland Protection Commission
 - 7.20 Northwest Water Planning Alliance
 - 7.25 NPDES: National Pollution Discharge Elimination Systems
 - 7.30 Watershed Updates
 - 7.35 Stormwater Updates
 - 7.40 Solid Waste
 - 7.45 Green Team
- 8.0 Executive Session (as necessary)
- 9.0 Future Topics
- 10.0 Adjournment

NATURAL AND ENVIRONMENTAL RESOURCES COMMITTEE
McHenry County Administration Building
667 Ware Road, Woodstock, IL 60098

MINUTES OF WEDNESDAY, OCTOBER 12, 2011:

Chairman McCann called the committee meeting to order at 8:33 a.m. The following members were present: Mary McCann, Chairman; Donna Kurtz; Pete Merkel; Bob Nowak, Virginia Peschke and Kathleen Bergan Schmidt. Marc Munaretto was absent. Also in attendance: Peter Austin, County Administrator; Kristy Hecke and Jeff Levato, Department of Health; Dennis Sandquist, Cory Horton, Alicia Law and Cassandra McKinney, Planning & Development; Dave Christensen, EMA; Nancy Schietzeit, Environmental Defenders of McHenry County; and interested public.

Mary McCann, Chairman	
Donna Kurtz	Pete Merkel
Marc Munaretto	Bob Nowak
Virginia Peschke	Kathleen Bergan Schmidt

MINUTES: Ms. Schmidt made a motion, seconded by Mr. Nowak, to approve the minutes of September 14, 2011. The minutes were approved with a unanimous voice vote of all ayes.

PUBLIC COMMENT: None.

PRESENTATION: None.

OLD BUSINESS:

Resolution Adopting the McHenry County Water Resources Action Plan: Ms. Schmidt made a motion, seconded by Mr. Nowak, to recommend the County Board approve the above resolution as submitted. Ms. Kurtz requested that a statement be included in the resolution indicating that even at this time we are experiencing water shortages. They may be periodic, but there are water shortages being experienced in the southeastern portion of the county. She would like this statement included in one of the "whereas" paragraphs because she feels that they need to express a sense of urgency and a recognition of the problem of water shortages. Ms. McKinney mentioned that the real time monitoring observation wells have shown a decline in water levels in the southeastern portion of the county, even with this year's increase in precipitation. She has not been informed that there are water shortages. Ms. Kurtz requested to modify her request to reflect that there are declining water levels in the county. Mr. Sandquist suggested that the following wording be added to the first "Whereas" paragraph of the resolution: "water well monitoring has indicated instances of declining water levels, and..." It was the consensus of the committee that this language be added to the resolution. Mr. Merkel mentioned that everyone is worried about the future growth of the county drawing down the water when there are currently over 300,000 people living in the county that are using water right now. We can make the greatest savings of water through conservation and efficiency. He read the following statement from *Preserving Recharge* "If McHenry County, Illinois adopted water efficiency standards for toilets, faucets, showerheads and clothes washers, the water savings could be over one billion gallons of water per year. At current rates of groundwater withdrawal, this savings could support more than 42,000 additional households in the county." It is not going to be the incoming residents to the county that will have the largest impact for water usages, but rather the residents currently living in the county need to change their water use if this issue is going to be solved.

Concerning the Water Resources Action Plan (WRAP), Ms. Kurtz suggested that a brief one-page summary explaining what the WRAP is, and how it will be used, be added to the cover of the matrix of the WRAP. This summary will be prepared and added to the WRAP before it is presented to the County Board. Ms. Schmidt suggested that their fellow County Board members review the WRAP matrix first and if they have further questions regarding the WRAP, they should then review the full text of the WRAP provided on the accompanying CD. It was the consensus of the committee that a presentation providing an overview of the WRAP be placed on the October 18, 2011 County Board agenda. On a roll call vote, the motion carried with all members present voting aye (Kurtz, Merkel, Nowak, Peschke, Schmidt and McCann).

NEW BUSINESS:

Resolution Authorizing Adoption of Letter of Understanding Between McHenry County and the McHenry County Conservation District. Mr. Merkel made a motion, seconded by Ms. Peschke, to recommend the County Board approve the above resolution as submitted. Mr. Horton mentioned that this is the second Letter of Understanding (LOU) to expedite permitting for certain MCCC projects. The first LOU was for restoration projects and this LOU is requesting an expedited permitting process for MCCC projects that restore, create or enhance natural areas. This will allow them more

flexibility to do their developments with conservation design standards in a simplified manner. Mr. Sandquist mentioned that the proposed LOU allows MCCD to have a larger impervious surface area provided that it is less than 2% of the overall site. Referring to the resolution, Ms. Kurtz suggested that "SMO" referenced in the first "Whereas" paragraph be spelled out (Stormwater Management Ordinance) and then have "SMO" following those words. She would also like to have "SMC" in the "Background" paragraph of the accompanying memorandum be spelled out (Stormwater Management Commission) and then have "SMC" following those words. These changes will be made to the resolution before it is presented to the full County Board. On a roll call vote, the motion carried with all members present voting aye (Kurtz, Merkel, Nowak, Peschke, Schmidt and McCann).

Recommendations for Strengthening the Illinois Water Act's Newest Section on High Capacity Wells: Chairman McCann stated that there is an Environmental Health Advisory Committee (EHAC) that meets quarterly. Mr. Sandquist mentioned that the scheduled meetings for this committee will be changing and they will not be meeting quarterly, but rather meeting bi-monthly. Chairman McCann mentioned that in August they looked at the Water Act and high capacity wells. Amendments to the Water Act went into effect as of January, 2011. The EHAC recommends that the Act be amended to require notification to all individuals and entities that may be impacted by the installation of a high capacity water well. Ms. McKinney mentioned that the proposed notification system would state that any new proposed high capacity water well that would draw more than 100,000 gallons in any 24-hour period now has to be reported before they are allowed to be installed. There will then be a water inventory done from the Illinois State Water Survey (ILWS) to say if there is enough water for the withdrawal. If there is not enough water for the withdrawal, then they will recommend to the Illinois Department of Agriculture (IDA) a restriction to either not take as much water, or devise a different plan for water withdrawal. Currently there is not funding for the intermediate step from the ISWS to perform the impact assessment. Therefore, there are not any recommendations being forwarded to the IDA for restrictions if there is not a sufficient amount of water for the water withdrawal because the intermediate step is not being done.

Mr. Nowak left the meeting at 9:17 a.m.

The Health Department is working to make sure the notifications of new high capacity water wells are being done. They are also working with the ISWS to try and have the impact assessments done. Mr. Levato mentioned that they have been successful in asking the applicants for the permit to demonstrate that the high capacity water well will not negatively impact neighboring properties with private water wells or sensitive receiving environments, fens or wetlands. The Health Department does require that a survey evaluation be completed by a professional engineer or a geologist to demonstrate that they have looked at the available material of the aquifer and the proposed drawdown to make sure the well will not have a negative impact. This is something that is cited out of Article 9, which is the well code for the county, and it has been confirmed from the state health department that the county's health department does have a regulatory authority to ask for this information before issuing permits. Ms. Peschke made a motion, seconded by Ms. Kurtz, to forward the recommendations to clarify Illinois Water Use Act PA096-0222 as amended to the Legislative and Intergovernmental Affairs Committee. On a roll call vote, the motion carried with all members present voting aye (Kurtz, Merkel, Peschke, Schmidt and McCann).

Mr. Nowak returned to the meeting at 9:20 a.m.

EMA Coordinating Council: Mr. Christensen mentioned that the Coordinating Council was a vision of his before the July 11, 2011 storm. After the storm, they discovered a disconnect with communications between communities, the County, and public safety entities. At the time of the storm there were 24 weather spotters and after the storm the weather spotters reported preliminary damage assessments. The EMA Coordinating Council will discuss what emergencies have happened or are happening in the County. This information will then be presented to the State of Illinois and possibly to the Federal Government if disaster aid is required. The Coordinating Council will meet at 10:00 a.m. on the fourth Thursday of each month. Their first meeting was last month which was attended by members from public safety, public works, and police and fire departments. The local township commissioners had a meeting during the same day and time, and they will be invited to the next Coordinating Council meeting. They plan to have various training sessions during their meetings. Federal and state grant coordinators will be attending the next meeting to provide information concerning grants. He stated that the City of Crystal Lake and the Village of Fox River Grove have received a Certificate of Completion as an Emergency Management Agency which allows them to receive Federal dollars because they have a certified emergency operations plan. The Coordinating Council will assist other cities and villages in the County to obtain certification as an EMA. Ms. Peschke questioned if school districts have been invited to become involved in this council

and Mr. Christensen mentioned that they will be invited to future meetings. Mr. Merkel questioned if local townships have attended the NIMS (National Incident Management System) training program. Mr. Christensen mentioned that some have, but most have not attended the NIMS training. Both Mr. Ellsworth and Mr. Christensen are certified instructors of the NIMS program.

Environmental Legislation Follow-up: Chairman McCann stated that this matter will be discussed at a later date.

REPORTS TO COMMITTEE:

Groundwater Taskforce: Ms. McKinney reported that the Taskforce had a meeting yesterday concerning regulated recharge areas which has a special sub-committee meeting scheduled. They also discussed the Northwest Water Planning Alliance and the ability for anyone to participate in those meetings. There was a suggestion from the Taskforce to have a better system in place for the County to notify municipalities of abandoned wells and they will be working on a better notification system. The next meeting is scheduled for December 13, 2011 where the entire Taskforce will be reconvened and they will reevaluate what has been accomplished in the last 4 ½ years and set priorities for the future of the Taskforce.

Solid Waste: Ms. Hecke provided a report on the residential electronics waste collection event that was held on June 20, 2011. This year they collected 96,276 lbs. out of which 90,316 lbs. were electronic components. The other weights were tear or non-conforming waste. They negotiated a \$.03 per pound return from SIMS Recycling Solutions which totaled \$1,959 for the Health Department. There is a list of electronic recycling centers on the IEPA website. The Computer Recycling Center in Crystal Lake will frequently accept dropped off residential electronics. They plan to have another electronics waste collection event next spring.

Concerning landfills, Ms. Hecke stated that information concerning landfills is available on the IEPA website under "Bureau of Land". Reports for previous years have been very detailed, and this year's report contains a small summary with a list of available landfills in Region 2, which is where the County is located. A few landfills located in Cook County have recently been closed since 2008. The statewide average of landfill capacity is approximately 23 years, and in Region 2 the landfill capacity is approximately 14 years. There has been an approximate 15% decrease in buried waste from 2010. The majority of the County's garbage is transported to a landfill located approximately 50 miles west of the County. DeKalb County is trying to expand their landfill and the Will County landfill is currently expanding. Palm Springs, Florida recently spent \$600,000 million on a plasma arc waste disposal system for their county. With this type of waste disposal system, you are able to dispose of any type of waste and it allows you to have controlled emissions of the system. The remaining ash from the incineration process is reported to not be hazardous and can be used in a cement kiln process.

Ms. Hecke mentioned that the County's solid waste plan is scheduled for an update in 2012. There will be subcommittees created to work on the 2012 update. A main goal will be to reduce the amount of solid waste and maximize recycling.

Ms. Hecke stated that the U.S. Drug Enforcement Agency (DEA) will hold a national "medication take-back" initiative on October 29, 2011 from 10:00 a.m. to 2:00 p.m. at participating law enforcement sites. Prescription and over-the-counter solid-dose tablets and capsules may be brought to participating drop-off sites. Police departments participating include Algonquin, Cary, Crystal Lake, Fox River Grove, Harvard, Huntley, Johnsburg, Lakewood and Woodstock. The Village of Johnsburg and Fox River Grove Police Departments continue to operate long-term collection sites at their facilities. She mentioned that there is pending legislation which will allow funding sources for law enforcement agencies to have long-term collection sites beginning in 2012. They may assess a levy on drug offense charges in the state and the money collected will be set aside for grant opportunities for local law enforcement agencies to use to provide collection boxes for the collection of medications.

Northwest Water Planning Alliance: None.

Green Team: None.

McHenry County Conservation District (MCCD): Mr. Merkel reported that the annual "Trail of History" will be held this weekend, October 15 and 16, 2011 from 9:00 a.m. to 4:00 p.m. The upcoming meeting for the National Recreation and Park Association will be held in Atlanta and representatives from the MCCD will be attending to represent McHenry County.

Natural Hazard Mitigation Plan: None.

Agricultural Conservation Easement Farmland Protection Commission (ACE): Chairman McCann reported that the next meeting will be held on Wednesday, October 19, 2011. Ms. Schietzeit reported that the food shed process is moving forward. Open Lands has taken on the task of being the lead agency and a website is being created. An intern with Open Lands is conducting the survey interviews with 81 local producers. Surveys will also be sent to local restaurants who are users of local foods. Lastly, there is a survey being prepared for consumers. They will be able to obtain a broad spectrum from citizens of the County concerning their use of local foods. Chairman McCann stated that Boone County has a food shed program and they have a staff member who is very knowledgeable concerning what other counties have done with their food shed programs. Ms. Schietzeit mentioned that Ms. Kolner from the Planning & Development Department will continue to fill the role of staff liaison for the food shed program. She will continue to send emails containing meeting agendas and the meeting minutes.

NPDES: National Pollution Discharge Elimination Systems: Ms. McKinney mentioned that they passed their review in the spring. Approximately every three years the EPA will inspect the systems.

Watershed Updates: Chairman McCann reported that the Silver Creek Watershed Report is expected to be completed in January, 2012. Ms. Schietzeit reported that The Defenders, the lead agency who coordinate all of the watershed groups in the County, will have a meeting tomorrow.

Stormwater Updates: Mr. Sandquist reported that they submitted a budget request for stormwater to change/convert a vacant GIS manager position to a second stormwater engineer. Their second stormwater engineer has been with the P&D Department for approximately 18 months. The stormwater department is continuing to struggle to keep up with permit turnarounds for stormwater and building permits. A suggestion from the P&D Committee was to use a consultant for the review of stormwater and building permits. The addition of another full-time stormwater engineer would be ideal for the P&D Department. He mentioned that they will be presenting to the P&D Committee next week a proposed revised fee schedule which would bring in extra revenue which could be used directly to pay for another engineer, or add to the budget for stormwater consulting. Expediting fees will be proposed to the P&D Committee which would provide applicants the option to pay additional fees to expedite having their permits reviewed by a consulting engineer. A handout outlining the stormwater activities for the dates of December 1, 2010 to August 31, 2011 was provided to committee members. During this time period there were 509 building permits for the stormwater engineers to review.

Shredding: Ms. Peschke mentioned that the Consumer Credit Counseling Service of McHenry County will hold a free shredding event at their location from 9:00 a.m. to 1:00 p.m. on Saturday, October 22, 2011. This will be held in conjunction with "Protect Your Identity" week. Everything that is shredded will be recycled and will not be put into a landfill. They will also be providing information concerning identity theft during the event.

EXECUTIVE SESSION: None.

FUTURE TOPICS: Ms. Kurtz mentioned that she has spoken with Chairman Heisler, Chairman of the Legislative and Intergovernmental Affairs (LIA) Committee, concerning coal tar. She requested a future discussion concerning coal tar and after the discussion, the subject of coal tar would be taken to the LIA Committee for further discussion.

ADJOURNMENT: Ms. Peschke made a motion, seconded by Mr. Merkel, to adjourn the meeting at 10:20 a.m. The motion carried with all members present voting aye on a voice vote.

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RECOMMENDED FOR BOARD ACTION/APPROVAL:

Resolution Adopting the McHenry County Water Resources Action Plan
Resolution Authorizing Adoption of Letter of Understanding Between McHenry County and the McHenry County Conservation District

mh

R E S O L U T I O N**AUTHORIZING NUNC PRO TUNC A JOINT AGREEMENT WITH THE U.S. DEPARTMENT OF THE INTERIOR/U.S. GEOLOGICAL SURVEY FOR WATER RESOURCES INVESTIGATIONS AND AN EMERGENCY APPROPRIATION TO THE FISCAL YEAR 2011 GROUND WATER RESOURCE DIVISION BUDGET**

WHEREAS, on January 16, 2007 the County Board of McHenry County, Illinois approved Resolution R-200701-12-004 authorizing the adoption of a federal legislative program that included seeking federal assistance for the development of a comprehensive and multi-year Ground Water/Storm Water Strategic Protection Plan; and

WHEREAS, after several discussions at the Natural & Environmental Resource Committee, the Water Resources Manager was given the direction to enter into a Joint Funding Agreement with the U.S Department of the Interior/U.S. Geological Survey on November 8, 2010 for the maintenance of near real-time presentation of water levels, and the collection of selected water-quality parameters for 41 wells and stream flow at two (2) streamgages at Franklinville Creek at Franklinville and the Kishwaukee River near Marengo on the USGS National Water Information System and a county-specific web site, herein called the program; and

WHEREAS, the Joint Agreement covers the period of October 1, 2010 to September 30, 2013, with the U.S. Department of the interior contributing \$129,350 towards the project and the County of McHenry contributing \$141,110 for said project; and

WHEREAS, the U.S. Department of Interior is now requesting the funds for their contribution of work completed during fiscal year 2011, which has brought to the attention of the Water Resource Manager, the Planning & Development Director and the County Administrator that the agreement was never brought forward to the County Board, and therefore no budget was established to allow for the contribution; and

WHEREAS, it is the recommendation of the County Staff that this agreement be approved Nunc Pro Tunc and that an emergency appropriation be requested in the fiscal year 2011 budget to allow for the agreed upon contribution by the County.

NOW, THEREFORE BE IT RESOLVED, by this County Board of McHenry County, Illinois that the Joint Funding Agreement for Water Resources Investigations with the U.S. Department of the Interior/U.S. Geological Survey for the period of October 1, 2010 to September 30, 2013 is hereby authorized Nunc Pro Tunc; and

BE IT FURTHER RESOLVED, by this County Board of McHenry County, Illinois that an emergency appropriation of \$106,110 is also hereby authorized in the fiscal year 2011 budget to OCA 100030-6001 (Water Resources – Groundwater Resources Project) and is to be offset by a revenue budget line item entry to OCA 100030-9990 (Water Resources – General Fund Utilization of Fund Balance) for the purposes of funding the County's remaining share of the Joint Agreement over the period of October 1, 2010 to September 30, 2013; and

BE IT FURTHER RESOLVED, that the County Clerk is hereby requested to distribute a certified copy of this Resolution to the Water Resources Manager; the Director of Planning & Development; the County Auditor; the Associate County Administrator-Finance; and the County Administrator.

DATED at Woodstock, Illinois, this 15th day of November, A.D., 2011.

KENNETH D. KOEHLER, Chairman
McHenry County Board

ATTEST:

KATHERINE C. SCHULTZ, County Clerk

COVER MEMORANDUM FOR BOARD ACTION

TO: Scott Breeden, Chairman, Finance and Audit Committee

FROM: Cassandra McKinney, Water Resources Manager, Planning and Development

CC: Dennis Sandquist, Kenneth Koehler, Peter Austin, Ralph Sarbaugh, Mary McCann

DATE: November 3, 2011

**SUBJECT: Resolution for the Joint Funding Agreement with the U.S. Department of the Interior/
U.S. Geological Survey.**

Board Committee Action Requested:

Approval of the Resolution authorizing the Joint Funding Agreement with the U.S. Department of the Interior/ U.S. Geological Survey.

Background:

Since the early 1990's, McHenry County has recognized the link between sound groundwater management and sustainable economic growth. In 1997 the County completed a geologic study of the County and in 2006 the County completed the Groundwater Resources Management Plan highlighting impending water shortages. In 2007, the County hired a Water Resources Manager. In 2008, the County received \$595,000 of Federal Cost Share with the United States Army Corps of Engineers to install a county-wide observation well network equipped with real-time data loggers which record the hourly changes in groundwater levels. In 2010, the County received an additional \$280,000 in Federal funding from the United States Department of the Interior/United States Geological Survey. This funding was utilized to install real-time telemetry on the County's existing observation well network (41 wells), to install two stream gauges, and to collect baseline water quality data from these observation wells. This joint funding agreement fulfills the County's obligation under the agreement with the U.S. Department of the Interior/ U.S. Geological Survey.

This project has facilitated the real-time sharing of groundwater levels with planners across the county. Over time, it will allow for timely management decisions to be made regarding dropping water levels in our aquifers as well as decisions regarding rising water levels in our surface waters leading to flooding or recreational hazards. This project is also essential to refining our knowledge of base flood elevations for the County's stormwater management team. This joint funding agreement provides the funding necessary for the maintenance of the real-time telemetry equipment, observation wells, and the stream gauges. The funding also maintains a publicly accessible website hosting all the real-time data. Finally, the funding provides for field verification of data by USGS staff as well as data corrections by a professional Hydrologist.

Discussion:

This joint funding agreement fulfills the County's obligation under the agreement with the U.S. Department of the Interior/ U.S. Geological Survey. This project has not been budgeted for.

Impact on Human Resources, Capital Expenditures, or Physical Space:

This project has a positive impact on human resources as reduces the amount of staff time to collect data from the 41 observation wells and then post-process it in the office. There will be no impact on the number of personnel in our department, the space utilized by our department. This project requires an additional capital expenditure above the previously budgeted dollars for water resources scientific research.

Impact on Budget Revenue, Expenses, Fringe Benefits:

This joint funding agreement fulfills the County's obligation under the agreement with the U.S. Department of the Interior/ U.S. Geological Survey. The total project cost is \$141,110 of which \$35,000 is available in the department budget. The attached emergency appropriation is to provide the remainder of the required funding.

Attachments:

Resolution
Joint Funding Agreement

7960

Form 9-1366
(Oct. 2005)U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Page 1 of 2
 Customer #: 6000001700
 Agreement #: 11E4ILNE0000017
 Project #: GCIINE00E6M0000
 TIN #: 36-6006623
 Fixed Cost Agreement Yes No

FOR
Water Resources Investigations

THIS AGREEMENT is entered into as of the 1st day of October, 2010, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the McHenry County Government, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation the maintenance of near real-time presentation of water levels, and the collection of selected water-quality parameters for 41 wells and streamflow at 2 streamgages at Franklinville Creek at Franklinville and Kishwaukee River near Marengo on the USGS National Water Information System and a county-specific web site, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$0.00.

(a) \$129,350 by the party of the first part during the period
October 1, 2010 to September 30, 2013

(b) \$141,110 by the party of the second part during the period
October 1, 2010 to September 30, 2013

(c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

(d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

Form 9-1366
continued

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Customer #: 6000001700
Agreement #: 11E4ILNECC 00017
Project #: GCIINE00 E6M0000
TIN #: 36-6006623

- 8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

U.S. Geological Survey
United States
Department of the Interior

McHenry County Government

USGS Point of Contact

Customer Point of Contact

Name: William Morrow
Address: 1201 W University Ave Ste 100
Urbana IL 61801-2347
Telephone: 217.328.9725
Email: wsmorrow@usgs.gov

Name: Cassandra McKinney
Address: 2200 N Seminary Ave
Woodstock IL 60098
Telephone: 815.334.4213
Email: c1mckinney@co.mchenry.il.us

Signatures

Signatures

By Douglas J. Veski Date 10/1/2010
Name: Douglas J. Veski
Title: Director, USGS Illinois Water Science Center

By [Signature] Date 10/8/2010
Name:
Title:

By _____ Date _____
Name:
Title:



United States Department of the Interior

U. S. GEOLOGICAL SURVEY
Illinois Water Science Center
1201 West University Avenue, Suite 100
Urbana, IL 61801-2347
(217) 328-8747
Fax: (217) 328-9770
<http://il.water.usgs.gov>

November 3, 2010

Ms. Cassandra McKinney
Water Resources Manager
McHenry County
McHenry County Government Center
2200 North Seminary Avenue
Woodstock, Illinois 60098-2637

Dear Cassandra:

Enclosed is the Joint Funding Agreement for the maintenance of near real-time presentation of water levels, and the collection of selected water-quality parameters for 41 wells and streamflow at 2 streamgages, and a county-specific web site for three years. If you have any questions, please feel free to contact me at (217) 328-9706 or via email at djyeskis@usgs.gov

We look forward to our continued relationship on this project!

Sincerely,

Douglas J. Yeskis
Director, USGS Illinois Water Science Center

Enclosure



United States Department of the Interior

U. S. GEOLOGICAL SURVEY
Illinois Water Science Center
1201 West University Avenue, Suite 100
Urbana, IL 61801-2347
(217) 328-8747
Fax: (217) 328-9770
<http://il.water.usgs.gov>

October 1, 2010

Mr. Kenneth Koehler
County Board Chairman
McHenry County
2200 North Seminary Avenue
Woodstock, Illinois 60098

Dear Mr. Koehler:

Enclosed are two originals of the Joint Funding Agreement (JFA) for the period October 1, 2010 through September 30, 2013. The agreement covers the maintenance of near real-time presentation of water levels, and the collection of selected water-quality parameters for 41 wells and streamflow at 2 streamgages at Franklinville Creek at Franklinville and Kishwaukee River near Marengo on the USGS National Water Information System and a county-specific web site. The table below reflects the program and costs per Federal Fiscal Year (October through September). The agreement provides for an expenditure of \$129,350 to be provided by the U.S. Geological Survey and an expenditure of \$141,110 to be provided by McHenry County.

McHenry County - USGS Funds for FY 2011-2013								
	2011		2012		2013		Totals	
	McHenry	USGS	McHenry	USGS	McHenry	USGS	McHenry	USGS
Groundwater	\$15,810	\$14,300	\$16,700	\$15,100	\$33,100	\$24,450		
Surface Water	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500		
Water Quality	\$35,000	\$35,000	\$0	\$0	\$0	\$0		
TOTALS	\$64,310	\$62,800	\$30,200	\$28,600	\$46,600	\$37,950	\$141,110	\$129,350

If you concur, please sign and date the JFAs and return one to this office as soon as possible. We appreciate your interest in the cooperative program. Should you have any questions, please contact William Morrow at (217) 328-9725.

Sincerely,

Douglas J. Yeskis
Director, USGS Illinois Water Science Center

Enclosure