



Technical Advisory Committee
The Centre at Elgin
(East Conference Room)
100 Symphony Way, Elgin

February 26, 2019

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Nora Beck, CMAP; Danielle Gallet, MPC; Daniel Abrams, ISWS; Margaret Schneemann, IISG; Jodie Wollnik, Kane County; Bob Leible, City of Aurora; Faye Sinnott, Flint Creek/Spring Creek Watersheds Partnership (FCSCWP); Kyla Jacobsen, ISAWWA; Jeff Freeman, EEI; Tim Zasada, Village of Oswego; Paul Schuch, Kane County (Retired); Scott Kuykendall, McHenry County; Wes Cattoor, IDNR-OWR; Derek Hiland, DeKalb County and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:06 A.M.

Welcome, Roll Call and Introductions: Pete (MWCOG) welcomed everyone to the meeting. Introductions were given by those present.

Agenda Changes and Announcements: None

Approval of February Meeting Minutes: Jodie (Kane County) made a motion. Nora (CMAP) seconded. All in favor minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Bob (AU) reported that they saw a significant spike in chlorides at the end of January. Generally speaking the Fox River shows chlorides throughout the year, however, when there is melt runoff it almost doubles at times.

Jodie (Kane County) reported that the second monitoring well has been completed. Looking at one in Lily Lake, meeting tonight. Daniel (ISWS) is tracking the results and will be able to provide information at a later date.

Presentation: ENIGMMA: The Evolving Network of Illinois Groundwater Monitoring and Modeling Analyses; Daniel (ISWS) gave a presentation on ENIGMMA – create a connection to the historic models and link the information to everything that they are doing at the Water Survey. The motivation is to streamline the process and move things along a little quicker utilizing Python, which is a form of coding. This is a way to update the groundwater flow model much easier than by doing it by hand. Water quality will be tied into this at some point.

The vision of ENIGMMA is to create one model:

- Combine local and regional models into one model framework
- common grid
- common database and methodology



ability to zoom in on local problems
ALWAYS UPDATED
serve as a starting point for new local models

Illinois Groundwater Flow Model is available on their website: <https://www.isws.illinois.edu/illinois-water-supply-planning/groundwater-flow-modeling/the-illinois-groundwater-flow-model> (2018-04)

Import withdrawals into the groundwater flow model via FloPy. FloPy is a python interface for MODFLOW based models. The Mahomet aquifer is currently done in this model.

Currently having discussions regarding monthly data and how best to handle monthly data. The only three that are reporting monthly are Montgomery, Shorewood and Joliet. Showed an example of Montgomery – Well No 14 data shows that it's a very seasonal trend in the water level. Tim (Oswego) commented that his graph is similar to this as well.

Illinois Monitoring Networks: Currently 111 water level sites in the National Groundwater Monitoring Network; 63 USGS sites, 48 ISWS sites – additional 6 sites pending, will be added as data goes live.

Still working on the 2014 synoptic measurement which consists of 675 wells, collaboration with Wisconsin Survey (WNGS) static water levels under non-pumping conditions.

USGS web services: python script developed to access web services from the USGS for surface water stage and groundwater head observations. In the process of scripting this data into a groundwater flow model.

Interactive web maps – goal is going to be continually updating the model.

Sensible Salting Committee (SSC) (Update): Scott (Chair) reported that we do have a draft manual that is currently out for Committee review. He had a meeting with The Conservation Foundation and thinks that are potential partnering opportunities to work together. (www.saltsmart.org) The committee will discuss this in greater detail at our next meeting which will be held on Mon., March 25th at 3:30 PM. Pete (MWCOG) commented on the Drive Down in March and he will bring it up at IDNR and IEPA as well. Wes (IDNR-OWR) are you eluding that is a state-wide issue and not just regional? Pete (MWCOG) responded with “yes” and we’re going to need funding in order to get to the next level for certification and training.

CMAF (Update): Nora (CMAF) reported that they received funding from IDNR and will be assisting the NWPA with various different activities. First item is to get the newsletter back up and running. If you have article suggestions feel free to share. The second item would be to refresh some of the organizational pieces. Third item is membership engagement and helping with speakers/topics and educational topics. The fourth item is the water conservation outreach. The last one is how do we understand how to get to what percentage of water should be conserved. Faye (FCSCWP) any analysis to identify and encourage “green” infrastructure? Nora (CMAF) responded that CMAF is looking into this as well.



In addition, CMAP has reviewed all of the LTA applications and have sent the recommended ones to the Board for approval. The list is on the website (<https://www.cmap.illinois.gov/programs/lta/call-for-projects/2018-applications>) – there are a number of NWPAs on this list.

IISG – Warm vs Cool Grasses Brochure Follow-Up: Margaret (IISG) received great feedback from the last meeting. Allison and she incorporated all of the suggestions. She will send the draft to Pete for forwarding out to the group for further feedback/revisions. Right now, envisioning that the layout would be similar to all other brochures that have been created for NWPAs.

ISAWWA (Update): Jeff (ISAWWA) reported they are putting a Lead Service Line Replacement (LSLR) session on next week and then again in Flossmoor. WATERCON is coming up. Kyla (ISAWWA) there are currently 11 bills that will be brought forward this year. There is a WUC call this afternoon at 3 PM. Also, the WUC has been working on comments to the IDPH plumbing code as well.

MPC (Update): Danielle (MPC) reported on the HB2759 (<http://www.ilga.gov/legislation/BillStatus.asp?DocTypeID=HB&DocNum=2759&GAID=15&SessionID=108&LegID=119004>) as what they wanted was a water rate study in the Lake Michigan service area. The way the bill is currently written is not what they were looking for. MPC has talked with IEPA and ISWS there has been a request for funding to do the study. The idea would be that they could hire a consultant. The bill has been introduced. The end goal would be to have a more open way to see how rates are being set.

Drinking Water 1-2-3 Academy is going to happen this year! There will be four workshops for 2019 that will be half day events – 8 AM – 12 PM. Each event will have certain sub-topics depending on location of the meeting. Event dates are as follows: April 17th at Joliet Junior College in partnership with Will County Governmental League; June 4th at Orland Park Civic Center in partnership with Southwest Conference of Mayors; July 23rd at Elgin in partnership with NWPAs and September 12th in partnership with BACOG. Each of these will have different topics/speakers. The target audience is elected officials, DPW's, Village Administrators, water utility operators, planners, land use decision makers, etc.

MPC is still moving forward with partnership with the WCGL. Still ironing out the target audience; primary focus is to help them design and use our documents from NWPAs and rebrand them and distribute them. Would like to coordinate the updating of NWPAs educational materials for the WCGL as well.

ISWS (Update): Daniel (ISWS) continue to have conversations with Joliet industries and municipalities.

IDNR (Update): Wes (IDNR) commented that they have the next funding and is underway. Commented on the State Water Planning Update, hasn't happened since 1984. Right now, we are just trying to get critical issues that could be considered to be included in the update completed by end of 2020. They also have a new Director – Colleen Callahan.

Met with ISWS to gather all of the information that has been prepared and put it into a more user-friendly report to share with general public.



Godley's permit will be issued shortly. Sitting down with Joliet to talk about Kankakee withdrawals. Jeff (EEI) what was the low flow for Godley? Wes (IDNR) pulled in the Environmental folks to get their input as well. In interest to protect the endangered species; the withdrawal rate will be below the 7day/10yr Q. Pete (MWCOG) what was the amount? Wes (IDNR) 600 cfs is what was set, this is based on the data from the 2012 drought.

Executive Committee Update: Pete (MWCOG) no update.

Other Business:

IDPH: Pete (MWCOG) reported changes have been published for the Plumbing Code effective Dec. 28th; public comment is open for 45 days or February 11th. They did include information on lead service lines and water re-use.

Scott (McHenry County) commented on the WRAP update – kick-off meeting on Wed., March 13th. (www.mchenryh20.com)

The next meeting will be held on March 26, 2019 at the Centre at Elgin.

The meeting was adjourned at 12:15 PM.

Submitted by _____ Angie Smith, EEI