



## Technical Advisory Committee

### The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

October 24, 2017

### Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; MPC; Kyla Jacobsen, City of Elgin; Jerry Elliott, Sugar Grove Water Authority; Derek Hiland, City of DeKalb; Jodie Wollnik, Kane County; Bob VanGyseghem, City of Geneva; Dave Schmidt, Village of Barrington; Mike Casper, Village of Barrington; Ed Coggin, McCOG; Paul Schuch, Retired Kane County; Walt Kelly, Illinois State Water Survey; Daniel Abrams, Illinois State Water Survey; Margaret Schneemann, IISG; Allison Neubaumer, IISG; Don Zelinga, Robinson Engineering; Tim Zasada, Village of Oswego; Al Wehrmann, Intera, Inc.; Kyla Jacobson, City of Elgin; Wes Cattoor, IDNR; Jeff Babich, Sugar Grove Water Authority; Nora Beck, CMAP; Mike Palmer, City of McHenry; Bob Leible, City of Aurora; Scott Kuykendall, McHenry County; Jeff Freeman, EEI; and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:00 A.M.

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

**Agenda Changes and Announcements:** Scott (McHenry County) announced that the McHenry County Water Forum will be held on Wed., Nov. 8<sup>th</sup> from 5:30 – 8:30 PM.

**Approval of September Meeting Minutes:** Paul (Kane County) made a motion to approve the meeting minutes. Bob (Geneva) seconded. All in favor minutes approved.

**General Discussion on Current Water Topics in the NWPA Area:** David (Barrington) water levels have been rising.

Jodie (Kane County) reported that they co-hosted with the Conservation Foundation the sensible salting seminar. There was a very large turnout. At the end of the seminar they had a test that they had to take. If they passed then they are listed on the County's website. Pete (MWCOG) would like to get their information so that NWPA could partner with them. Get a committee together as well to keep this moving forward. Scott (McHenry County) stated that they will be hosting their sensible salting seminar on Nov. 1<sup>st</sup> and 2<sup>nd</sup> as well. Paul (Retired Kane County) suggested looking into APWA to see how they promote their sensible salting seminars.



**Presentation “The Illinois Groundwater Flow Model: New Applications and Insights for Northeastern Illinois” by Dr. Daniel Abrams (ISWS):** Daniel’s presentation was an update on where they are at with the model. New Illinois Groundwater Flow Model Framework – water supply planning on the state, regional and local scale; combine local and regional models into one modeling framework; common database and methodology; ability to zoom in on local problems; GOAL: WHEN NEW INFORMATION IS AVAILABLE; ALL MODELS ARE IMMEDIATELY UPDATED. The future vision of the model is to have a living model.

He then went through the different simulations that they are able to produce based on the information that is in the model. Examples include: weathered bedrock, water infiltration into the bedrock, etc.

Model updates: sustainable yield estimates; impact of a new well field (pumping/injection); road salt migration; local scale refinement: Crystal Lake.

Devin previously showed the NE Illinois: ~ 60% unsustainable; Will County: ~ 75% unsustainable. It should be noted that these numbers include water flowing in and it is only in the sandstone. These numbers do not include any water quality issues. These numbers are provisional and are being reviewed.

Kane – 63%; Kendall – 22%; Will – 40%; current demands are based off of IWIP reports. Again, these numbers are for the sandstone only. Wes (IDNR) asked if the future water demands have been incorporated in the models. Daniel replied “yes” and all scenarios look worse in the future. Nora (CMAP) commented that IDNR is funding CMAP for a regional water demand forecast. It would be great to work with ISWS on this new project.

Shallow aquifers in the Kane County Model; water levels are not the concern here, but contamination is. Chloride in 2003 to 2015 showed a continued rise. Average chloride increase in east wells was 46.3 mg/L which is about 4 mg/L per year.

**IISG – Buffalo Grass Brochure Discussion:** Allison (IISG) reported that she’s stilling looking at alternatives and performing research at this point. Next step is to contact the local extension experts to get them to weigh in on it to make sure that it’s feasible in our area. Margaret (IISG) commented that they would tentatively have this ready to go by March/April timeframe.

**CMAP (Update):** Nora (CMAP) is excited to say that IDNR has funded them for the Water Demand Forecast going out to 2050. Margaret and I will be working on that together. Second project a Strategic Planning process with Joliet – Jim Eggen and others. Third project is Lake Michigan water loss reduction tool. Fourth project is working with Oswego, Yorkville and Montgomery on their LTA project reviewing their governing structures regarding water. Will share progress with the group along the way.

**ISAWWA (Update):** Jeff (ISAWWA) commented on the Annual Regulatory Update that was held last Thursday. It was recorded, but they will be re-recording it. Part 600 regs – raising the chlorine residual requirements from .2 to .5. Water Utility Council (WUC) is reviewing these and have issued a letter. Lastly, working on a lead service line replacement guideline to assist communities.

**MPC (Update):** Danielle (MPC) unable to attend, but gave an update that they are continuing the work on Water 1-2-3.



**ISWS (Update):** Walt (ISWS) reported that they just started a new project with NIU and SIU.

**IDNR (Update):** Wes (IDNR) reported that the contract was signed with CMAP and ISWS. Also will be doing work in the Rock River region and southwest region as well. Also, contracts with the committees for their sub regions as well. Good news!! The regulatory division of OWR has received a request from Joliet to withdrawal out of the Kankakee River. They have also received a request from Godley to withdraw out of the Kankakee river. It is currently under review. Don't foresee any issues with these going through. For those that worked with Dan Injerd he will be retiring at the end of this year. Rick Gosch will also be retiring at the end of the year. Both of these individuals were very supportive of the water supply planning initiatives. At the moment we are unsure who will be replacing them.

**Executive Committee Update:** Pete (MWCOC) stated that the next Executive Committee meeting will be held Thurs., Nov. 9<sup>th</sup>.

**Other Business:**

**Fox River Implementation Plan:** Pete (MWCOC) reported that the Annual meeting will be Thurs., Oct. 26<sup>th</sup> in Batavia.

**Sensible Salting:** Discussed previously.

**IDPH:** Discussed previously.

Allison (IISG) reported that there will be a Lawn and Land Forum – November 13<sup>th</sup> or 14<sup>th</sup> at Oakton Community College. (<https://www.brownpapertickets.com/event/3089096>)

The next meeting will be held on November 28, 2017 at the Centre at Elgin.

The meeting was adjourned at 11:49 PM.

Submitted by \_\_\_\_\_ Angie Smith, EEI