



Technical Advisory Committee Virtual Meeting

September 27, 2022

Meeting Minutes

Present: Peter Wallers, MWCOG/EEI; Matt Asselmeier, Kendall County; Janet Agnoletti, Retired BACOG; Tom Kopanski, Village of Montgomery; Derek Hiland, DeKalb County; Gary Clark, Retired IEPA; Judith Thomas, USGS; Kevin Fecske, Village of Barrington; Jeff Freeman, EEI; Jodi Wollnik, Kane County; Tim Holdeman, EEI; Dave Schumacher, City of Aurora; Natalie Karney, BACOG; Dean Farr, IL Division of Izaak Walton League; Wes Cattoor, IDNR; Bob VanGysegham, City of Geneva; Scott Kuykendall, McHenry County; Gordon Smith, Robinson Engineering; Margaret Schneemann, IISG; Eric Weiss, City of Elgin; Walt Kelly, ISWS; Matt Wilson, City of St. Charles; Haylee Young, ISAWWA; Brad Merkel, Village of Sugar Grove; Mary McCann, Retired Kane County Board; Angie Smith, EEI

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

Welcome, Roll Call and Introductions: Pete (MWCOG/EEI) welcomed everyone to the meeting.

Agenda Changes and Announcements: Pete (MWCOG/EEI) stated no changes at this time.

Approval of July Meeting Minutes: Natalie (BACOG) made a motion to approve. Jodie (Kane County) seconded. Minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Pete (MWCOG/EEI) asked the group for any updates. Dave (Aurora) reported that they are experiencing a taste and order recently. Other than this issue everything else is going alright. Have been able to treat it successfully. Elgin has been experiencing the same issue. It seems it is related to the blue green algae. Eric (Elgin) reported that they have been experiencing the same issue as Aurora. They have been able to control it as well.

Is MIB being looked at by ISWS? Their focus is mainly on nutrients and mostly downstate. The USGS has an Illinois River Basin project that started last year and focuses on nutrients. Judith (USGS) they have been monitoring the harmful algae blooms and the nutrients and trying to figure out what causes them and monitoring them.

Dean (IL Division of the Izaak Walton League) mentioned the Inflation Reduction Act that was passed in August. Additional information can be found at: <https://www.farmers.gov/inflation-reduction-investments#:~:text=Section%202006%20Inflation%20Reduction%20Act,operations%20are%20at%20financial%20risk>

Presentation: “NWPA: Risk Maps to Complement Sustainable Assessments”: Daniel (ISWS) presented on the sustainability vs risk vs remaining life.



Sustainable Supply: A sustainable supply will be presented as a range of numbers.

Risk to Water Supply: Wells within areas at-risk may not have immediate supply problems. Local factors not considered in maps must also be evaluated.

Remaining Lifespan of an Aquifer: Due to uncertainty in future demands, it is strongly advised not to use a single scenario of future conditions for planning.

There is a lot of uncertainty with sustainable supply. One number will never encapsulate all stakeholder or scientific concerns, and the assumptions can get complicated to communicate. A number can still be useful, but additional details are critical for planning purposes.

A survey was held with the group in order to determine the priorities in the next round of water supply planning. 10 maps were shown and the group provided feedback/ranked them:

- Map 1: Water Source Map
- Map 2: Point Withdrawal Map (Withdrawal is not equivalent to water use/water demand)
- Map 3: Distribution Maps
- Map 4: Head Above Aquifer
- Map 5: Reductions in Groundwater Discharging to Streams
- Map 6: Transmissivity Maps
- Map 7: Aquifer Vulnerability
- Map 8: Water Quality Maps (Observed)
- Map 9: Capture Zones
- Map 10: Groundwater Ages (Young water: vulnerable contamination. Old water: vulnerable to drawdown.)

Sensible Salting Committee (SSC) (Update): Scott (McHenry County) reported that the Salt Smart Manual itself is basically completed. They are focusing on the training and educational material. The next meeting will be held in about two weeks. Ready to roll out by the end of the year. Start thinking about how each community can get the word out. Most Counties are running the sensible salting workshops and we are doing outreach to the stakeholders involved with this.

McHenry County Water Forum that was held on August 31st had a great turnout. The presentations that were given can be found here: <https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/water-forum#!/>

CMAF (Update): Margaret (IISG) reported that NWPA support is on hold until the grant gets approved by IDNR. It's being processed, waiting for the final approval from the fiscal office for the next two years.

IISG (Update): Margaret (IISG) reported that we are also waiting approval in order to get started. Jodie (Kane County) understand that the University of Illinois had some comments on the agreement. The agreement will be



going to the County Board meeting the second Tuesday of the month. Will be doing some outreach to communities to see who would be interested in assisting with these efforts.

The Water Conservation Technical Assistance Call for projects. Will be creating a website for this information and then working with communities to develop water conservation programming. Jodie (Kane County) have a few contacts already that have excessive lawn watering happening. Also opening it up to water loss and the broader water conservation. If any communities are interested in working with them on their water pricing as well let her know.

ISAWWA (Update): Jeff (ISAWWA) commented the Water Distribution System Conference is tomorrow and Thursday. There will be an ISAWWA No Water No Wine event on Oct. 5th in Naperville. The Fall Regulatory Update will be virtual and will be held the morning of Oct. 20th and 27th. There is a No Water No Beer event on Oct. 26th in Algonquin.

ISWS (Update): Walt (ISWS) reported that there are a couple of projects just getting going. The Illinois River Basin that is a 10-year project. The other big project is the project with Kane County that was previously mentioned. These contracts will go to the County Board in November. Daniel, Devin Mannix, and I will be attending the Water Summit on Thurs., Sept. 29th in Joliet and talking about aquifer recharge.

IDNR (Update): Wei (IDNR) reported that the State Water Plan is still available for public review and comment. He commented on the taste and odor issue that was brought up earlier in the meeting that nutrient removal is a top priority in the water quality section. If there is a water issue that we want the state to address this is the chance to do it. The comments will close by the end of the week.

USGS (Update): No update.

SGTWA (Update): No update.

Other Business:

Dean (IL Division of the Izaak Walton League) would like to have a voice reaching out to the State Legislators, consider some additional public outreach in this regard.

Scott (McHenry County) commented that Dr. Trent Ford, ISWS, presented at the Climate Summit down in Champaign and has done a lot of work for forecasting in the Midwest. Looking at the monitoring levels for soil moisture levels that assist with modeling.

The next meeting will be held on October 25, 2022 and it will be virtual.

The meeting was adjourned at 11:58 AM.

Submitted by _____ Angie Smith, EEI