



## Technical Advisory Committee Zoom Meeting

January 25, 2022

### Meeting Minutes

Present: Peter Wallers, MWCOG/EEI; Nora Beck, CMAP; Danielle Gallet, Waterwell, LLC; Tim Holdeman, EEI; Eric Weiss, City of Elgin; Natalie Karney, Village of South Barrington; Matt Asselmeier, Kendall County; Tim Wilson, City of St. Charles; Jerry Elliott, SGTWA; Kevin Fecske, Village of Barrington; Wes Cattoor, IEPA; Walt Kelly, ISWS; Jeff Babich, SGTWA; Jodie Wollnik, Kane County Water Resources; Katie Piotrowska, CMAP; Cary McElhinney, USEPA; Kimberly Saunders, BACOG; Austin McFarlane, Lake County Public Works; Jon Shuptar, V3; George Roadcap, Retired ISWS; Gary Clark, Retired IDNR; Jeff Freeman, EEI; Scott Kuykendall, McHenry County; Joanna Colletti, McHenry County; Amy Gahala, USGS; Derek Hiland, DeKalb County; Kelsey Pudlock, CMAP; Al Wehrmann, Intera; David Schumacher, City of Aurora; Faye Sinnott, BACOG; Jason Navota, CMAP; Daniel Abrams, ISWS; Angie Smith, EEI

Peter Wallers called the meeting to order at 10:01 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 November Meeting Minutes:** Natalie (South Barrington) made a motion to approve. Scott (McHenry County) seconded. Minutes approved.

**General Discussion on Current Water Topics in the NWPA Area:** Pete (MWCOG) opened the group for discussion. Eric (Elgin) reported good water conditions in the Fox river.

**Presentation: "SWPP – Elgin":** Pete gave an introduction for the presentation and turned it over to Eric (Elgin). Eric gave an overview of the project team and a definition of source water. Eric gave a brief overview of the key statistics of the Elgin's water system.

Tim (EEI) went through the process and the source water assessment. He noted that this is still a work in progress. When talking about source water protection what you're really talking about is planning and doing activities that protect the quality and availability of the utility's source of water supply. Elgin's source water includes surface water (Fox River) and groundwater (aquifers).

There are six steps for the SWPP based on AWWA Standard G300 – 1. Vision, 2. Assessment, 3. Objectives, 4, Action Plan, 5. Implementation and 6. Evaluate/Revise. Tim reviewed all of the data that they have been compiling.

Danielle (Waterwell) went through the draft vision statement and objectives (aka the other steps once you have the assessment). Currently the draft vision statement – Elgin’s SWPP ensures the long-term safety and sustainability of the City’s drinking water sources through a proactive, equitable, and inclusive approach.

Working on 6 draft action plan objectives:

- Strengthen water quality monitoring program(s)
- Participate in minimizing nutrient loads, siltation, and other emerging contaminants
- Improve surface water quality management
- Ensure long-term supply availability
- Coordinate with land use planners to minimize noncompatible land uses within protection zones and reduce flooding
- Enhance communications and partnerships in support of source water protection

Stakeholder Engagement + Next Steps:





Danielle (Waterwell) asked about CMAP's watershed planning. Kelsey (CMAP) working on Indian Creek Watershed also working with City of Aurora on this project. Tim (EEI) mentioned a Jelkes Creek Watershed Plan was put together but have been unable to find anyone associated with this watershed. Jodie (Kane County) mentioned that Rob Linke in her group has been working with them and will provide that information. Scott (McHenry) reported that they had rewrote their McHenry County Water Resources Action Plan.

<https://www.mchenrycountyil.gov/home/showpublisheddocument/8320/635761085501100000>

Kelsey (CMAP) added that they have also been working with McHenry County and City of McHenry on a River Corridor Plan. This includes a lot of source water protection recommendations.

<https://www.foxwaterway.com/cmap-public-workshops-for-the-fox-river-corridor-plan/> CMAP also helped two other plans – Carpentersville and Algonquin. These are through their Local Technical Assistance program. There is another one – Fox Bluff to Berton's bridge through Fox River Grove and some unincorporated areas. (<https://www.cmap.illinois.gov/programs/lta/fox-river-mchenry>) These plans are corridor plans looking at the river and the land adjacent to it within a certain area.

2016: <https://www.cmap.illinois.gov/programs/lta/fox-river-mchenry-lake>

Algonquin: <https://www.algonquin.org/egov/apps/document/center.egov?view=item;id=4217>

**Presentation: "Updating the Groundwater Drought Vulnerability Analysis"** by Kelsey Pudlock (CMAP):

Approach: building upon ISWS' well assessment in the State of IL 2011 Drought Preparedness and Response Plan and update with current well information, review/revised/add additional drought vulnerability factors and thresholds; summarize vulnerability at community level (rather than by CWS well).

Discussion was had amongst the group regarding the percentage of a community's withdrawals coming from shallow aquifers a good volumetric threshold for evaluating water use factors.

Cary (USEPA) shared this link with the group: <https://www.drought.gov/events/midwest-dews-research-webinar-characteristics-and-predictability-midwest-drought>

After much discussion Kelsey will go back and figure out what will be the most useful product at the end to everyone. Next steps will be to finalize the factors and thresholds and will plan to come back with additional progress.

**Sensible Salting Committee (SSC) (Update):** Scott (McHenry County) reported that things are moving along quickly. It's in the hand of the Conservation Foundation, Hannah Miller is the primary person working on this. The first task is to get the manual put together. Most of the draft chapters are completed and edited. After the manual is completed it will be the foundation for creating a training and certification program. There will also be the creation of an on-line tracking system. Final deliverables will be Dec. 2022.



**CMAP (Update):** Nora (CMAP) reported that they are working on updating the Water Demand Forecast out to 2050. Hoping to share preliminary approach in the coming months. Will be attending the NWPA Executive Committee to go through the Water Sustainability Plan overview with them.

**ISAWWA (Update):** Jeff (EEI) reported that WATERCON is coming up in March. This year's theme is *Totally Water* (80's focus). Get registered! ISAWWA office is moving to Naperville soon.

**MPC (Update):** None

**ISWS (Update):** Walt (ISWS) reported that Connor Healy has left the IWIP program to take a job in Colorado. Hoping to promote someone within the department. Waterly has developed a program called Water Click. They have managed to get these reports automated and they are very open to working with us and utilities that are using their program. Will have more to share as the year goes on. Daniel (ISWS) putting final reports together for communities in Will County. That project is slated to end this summer.

**IDNR (Update):** Wes (IDNR) gave a quick update to coordinate the grant agreements with CMAP for funding for NWPA. New agreement would start up July 1<sup>st</sup> and this would be a 3-year agreement. Getting a lot of great feedback from the higher ups for the work that is being done in the area and throughout the State.

Dam removals in Carpentersville (construction this summer), North Aurora (study as started). There is funding still available for dam removals or modifications.

Lastly, there is a lot of interest coming in on the Fox River – hydraulics, modeling, NFIP flood elevations.

**USGS (Update):** Amy (USGS) gave an update on the McHenry report which is in peer review. The Crystal Lake model is in preliminary review. The IL PFAS analysis – setting scripts to analysis as soon as they receive final results. Anticipate the PFAS information will be ready for presentation by summer.

**SGTWA (Update):** Jerry (SGTWA) reported the Blackberry Creek is running pretty normal at this time. Talked to Dan Hadley today so we can start on the second year sampling for groundwater quality sampling. Will be picking five of those sites from last time that had high chlorides and nitrates to re-sample again.

**Other Business:** Pete (MWCOG/EEI) reported that the Executive Committee meeting date has been changed to the 4<sup>th</sup> Thursday of the month. We will be doing a re-introduction of NWPA because we have had a lot of change with members. Prime focus will be the Sustainability Plan by Nora and Daniel will give an update on the modeling side.

Another initiative that had come out of the Executive Committee was to partner with the Elgin Library on their water panels. Scott (McHenry) is taking the lead on this project as it relates to sensible salting. The Conservation Foundation is willing to help out as well, Jessica Mino will be their lead person.

Pending legislation and regulations: Jeff (EEI) brought up the HB4295 proposed modification to the LSLR and Modification Act. ISAWWA is in support of this modification.



The next meeting will be held on February 22<sup>nd</sup>, 2022 at 10 AM via Zoom. The February presentation will focus on Regional Water Demand Forecast by Nora (CMAP) and Margaret (IISG). The meeting was adjourned at 11:59 AM

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