



## Technical Advisory Committee Zoom Meeting

June 23, 2020

### Meeting Minutes

Present: Peter Wallers, MWCOG; Nora Beck, CMAP; Kevin Fescke, Village of Barrington; Faye Sinnott, FC/SCWP; Jeff Babich, SGTWA; Ed Coggin, Weston Solutions; Margaret Schneemann, IISG; Jeff Freeman, EEI; Justin Keller, MPC; Jodie Wollnik, Kane County Water Resources; Jerry Elliott, SGTWA; Conor Healy, ISWS; Catherine Kemp, CMAP; Mike Duet, RPS Group; Matt Asselmeier, Kendall County; Natalie Karney, Village of South Barrington; Annie Storey, ISAWWA; Karen Lange, Village of Lake Barrington; Allen Wehrmann, Intera; Austin McFarlane, Lake County; John Dillon, ISAWWA; Scott Kuykendall, McHenry County; Justin Keller, MPC; Walt Kelly, ISWS; Dan Nagel, SGTWA; Gary Clark, IEPA; Margaret Schneemann, IISG; Angie Smith, EEI.

Peter Wallers called the meeting to order at 10:01 A.M.

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

**Agenda Changes and Announcements:** None.

**Approval of May Meeting Minutes:** Scott (McHenry) last item Scott is working on McHenry County Water Resources Action Plan. Jerry (SGTWA) seconded. Minutes approved as noted.

**General Discussion on Current Water Topics in the NWPA Area:** Pete (MWCOG) received a note from Aurora that everything is normal with their river supply.

Ed (Weston Solutions) started working with the City of McHenry to collect samples for COVID-19 cases. So far, they have collected two samples and they will be doing this every two weeks. Findings are showing a mid to high number of residents that are infected. Woodstock has also expressed interest in this program. Have also been in touch with Lake County and North Shore Water Reclamation District.

**Presentation: "Utilizing Water Use and Withdrawals Data from IWIP":** Conor (ISWS), has been the coordinator for a little bit over five years. Presentation overview; program history overview, data collection processes, data availability, supported projects and services.

**History:** The water inventory program was primarily a voluntary program that started in 1978. The Water Act of 1983 made IWIP submittal mandatory. Largely mail based collections until 2014 and they are funded mainly through IDNR.

**Data collection:** Annual survey of high-capacity water withdrawals and use data: public water systems; self-supplied industrial/commercial facilities and agricultural irrigation. Further broken down into two sub-groups: point level data (point source attributes, annual gallons withdrawn/pumped, water level information) and



facility level data (water consumption/use breakdown and water purchase/sales information). IWIP has developed and deployed an online reporting tool which eliminates data entry/digitization process, quicker data processing turn around – no longer have a lag in years available and more staff time available for analysis and service. This year they have debuted the Operator Review Tool which allows review of historic reports, provides a map of ISWS listed wells/intakes with the goal of improving reporting accuracy.

**Data availability:** have a web mapping tool with historic well and intake record data, public water supply point level information and coming soon: private/self-supplied commercial data aggregate map (all on-line on water inventory website) There are three maps – 1. Well and Intake Records Map, 2. Facility Water Use Map (Illinois Municipal Water Use Map), and 3. Center Pivot Irrigation Map. If these maps aren't giving you the information that you need please reach out to IWIP with a custom data request.

**Supported projects:** groundwater flow modeling; surface water hydrology studies; Illinois State Water Supply Planning, regional aquifer studies; municipal projects; consultant projects and many more.

Project Focus – sandstone aquifer study: comparison of water use demands from the sandstone aquifer in NE Illinois based on the synoptic measurement report 2014. All of the demand data was taken from IWIP.

**Stakeholder importance:** stakeholders included data providers as well as data users; data products and scientific services are only as accurate as the data provided; data collection improves from stakeholder feedback; regional and municipal studies play an important role in developing projects statewide.

**Questions/Comments:** How can IWIP data collection improve? Current year is 2018, working on getting that put into the maps. Largest issue is just having the data entered for reporting issues. Looking to getting back to creating a yearly report that could be available.

What can IWIP provide you with? How can water use and withdrawals data better work for you? What products/services/projects can IWIP help support? NWPA region is one of the best reporting in the State.

**Sensible Salting Committee (SSC) (Update):** Scott (McHenry) have not made any progress at this time. He had a conversation with Connie Fortin with Fortin Consulting. They are having a *Salting Symposium* August 4<sup>th</sup> and 5<sup>th</sup> for chloride issues.

**CMAF (Update):** Nora (CMAF) reported that they have been working on the contract with IDNR for water supply planning. A quick review of what has been accomplished over the past year – drinking water 1-2-3 academy, also working with MPC to promote the work with the SWPG; integrating water supply planning through LTA's, recommendations are being drafted for Monee and Burlington; helping NWPA with strategic plan, outreach materials, website and newsletters.

**ISAWWA (Update):** John (ISAWWA) still centering a lot around COVID-19 issues. Still working on mask giveaways and have done a couple of surveys that NWPA sent out. Received about 70 responses back which will be put out to the membership in the next week or so. Continuing with virtual training to assist with operators through August. There will be a virtual August 13<sup>th</sup> – Brian Jack and MLP. Monitoring when face-to-face training back on board.



Al (Intera) info on webinar tomorrow – Dan Haddock (P.E., INTERA Incorporated) will present the webinar ***Realizing the Full Value of Asset Management for Groundwater Wells*** on Wednesday, June 24, 2020 at 12:00 CDT. The Illinois Section of the American Water Works Association is hosting the webinar, one of a series developed to provide access to presentations originally scheduled for this year's cancelled WATERCON. The webinar will provide participants with information on the significant value of better understanding variable flow and contaminant contributions within water supply wells and how innovative techniques for profiling flow and water quality can be efficiently integrated into existing well rehabilitation and asset management programs. More information and instructions for registration can be found [here](#).

Jeff (EEI/ISAWWA) commented that we are starting to plan for WATERCON2021 now and not knowing where we are going to be in the pandemic it is making it extremely difficult.

**MPC (Update):** Justin (MPC) reported continuing to present the water affordability report which determined that there was a higher level of water burden than realized. Doing pilots with Evanston and Chicago regarding this topic and will be making recommendations for rate structures. We are interested in just chatting with folks around the affordability issue. John (ISAWWA) shared this in the chat with the group: *Analysis of US cities shows emergency on affordability of running water amid Covid-19 pandemic* <https://www.theguardian.com/us-news/2020/jun/23/millions-of-americans-cant-afford-water-bills-rise>

**ISWS (Update):** Walt (ISWS) starting to get people back into the building and the field. Trying to minimize the number of people at one time. The lab is back open now. Sampling programs have been pushed back because only one person is allowed in the field right now. Sampling Lake County monitoring wells that were put in. Dan Hadley is working to sample a lot of wells along the Sandwich Fault Zone, later in the summer. New report that just came out – Will County chloride and TDS data. ([https://www.ideals.illinois.edu/bitstream/handle/2142/107224/ISWS\\_CR\\_2020-03\\_Complete.pdf?sequence=2&isAllowed=y](https://www.ideals.illinois.edu/bitstream/handle/2142/107224/ISWS_CR_2020-03_Complete.pdf?sequence=2&isAllowed=y))

**IDNR (Update):** Pete (MWCOG) reported that they are still working on the State Water Plan.

**USGS (Update):** Scott (McHenry) stated that their contract was approved to do water quality testing and contaminants of emerging concerns. Amy from USGS is out in the field doing the sampling.

**Other Business:** Pete (MWCOG) nothing new at this time.

The next meeting will be held on July 28, 2020 at 10 AM, most likely via Zoom.

The meeting was adjourned at 11:16 AM.

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