



Technical Advisory Committee In-Person Meeting

May 24, 2022

Meeting Minutes

Present: Peter Wallers, MWCOG/EEI; Scott Kuykendall, McHenry County; Natalie Karney, BACOG; Jacob Mann, Village of Wauconda; Nora Beck, CMAP; Amy Gahala, USGS; Judith Thomas, USGS; Walt Kelly, ISWS; Tim Holdeman, EEI; Dave Schumacher, City of Aurora; Angie Smith, EEI

Zoom: Jodie Wollnik, Kane County Water Resources; Daniel Abrams, ISWS; Faye Sinnott, BACOG; Tim Wilson, City of St. Charles; Mary McCann, McHenry County Resident

Pete Wallers called the meeting to order at 10:07 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 April Meeting Minutes: Scott (McHenry County) made a motion to approve. Nora (CMAP) seconded. Minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Pete (MWCOG) opened the group for discussion. Scott (McHenry) commented on animated videos he has found on groundwater and contamination. Going to coordinate with the Director on similar videos. He's going to move this project forward and to have it available for the McHenry County Water Forum on August 31st.

Presentation: *Exploring Anthropogenic Pathways for Contaminants to Enter Aquifers in Urban Areas*: Devin Mannix, ISWS presented on this topic. Common types of contamination pathways in urban karst – water and wastewater pipes, quarries, wells and bore holes. Wetland basins with native plants are also being studied.

This work started from a literature review for MWRD's stormwater review features – groundwater contamination that was present in Cook County. The types of contaminants that they are looking at are PFOA, phosphate, nitrate, PFAS, metals, organics.

Presentation: *Reviewing the Sustainable Supply Application*: Daniel Abrams, ISWS, presented the NWPA Supply and Demand Map that he is currently working on. He provided a link to the data that he shared - [NWPA Region Supply Demand \(arcgis.com\)](#). The totals can be broken down to be shown by deep sandstone, shallow groundwater and surface water. All data is Tier 1 / preliminary. The totals can further be broken down by County, then by municipal, industrial, agricultural, power generation. Supply is calculated utilizing IWIP data.



Findings: There appears to be ample total water quantity to meet demands in northeastern Illinois, at least through 2050. Current water demands from some sources of water exceed sustainable supply, particularly true for the deep sandstone. To reach sustainability, conservation or alternative sources of water may be required.

ISWS will work with CMAP on their projections and will incorporate those into this application so that the figures match. Nora (CMAP) reported that they are working on updating the Water Demand Forecast now and it will incorporate a range of conservation futures (i.e., current trends, low, high, climate change, etc.) Scott (McHenry County) inquired if “what if” scenarios could be incorporated (i.e., increase of population, LRI, etc.) Daniel (ISWS) likes the idea, and it seems like it would be beneficial to the region for different scenarios.

Pete (MWCOG/EEI) commented that some of this will be looked at in the Water Supply Sustainability Plan. Each community will have to do their own assessment to determine their sustainability.

Sensible Salting Committee (SSC) (Update): Scott (McHenry County) commented that the next Sensible Salt Smart Committee will be in June. Will have more information after this meeting. The draft regional Salt Smart Manual for Parking Lots and Sidewalks was turned over to Connie Fortin, still waiting on seeing feedback from her. Goal: manual and training/certification program up and running by the end of the year.

CMAP (Update): Nora (CMAP) reported that they are working on the Regional Water Demand Forecast update.

IISG (Update): No update

ISAWWA (Update): Pete (EEI) reported on behalf of Annie Storey: starting a program to support interns with their professional development and entry into the industry – Total Water U, kick-off event on June 8th. ISAWWA has moved their office to Naperville – open house on June 9th. WATERCON Replay – June 16th and June 21st.

ISWS (Update): Walt (ISWS) reported that a new IWIP coordinator has taken care over – Cora Wessman. Will also be pulling together additional information on irrigation. ISWS is looking to hire an additional person to support Jason Zhang – surface water.

IDNR (Update): No update

USGS (Update): Amy (USGS) – PFAS report will go to review next week, this should be public by September. Crystal Lake is in the review process and McHenry County is also in the review process. Judith commented on the electromagnetic NMGWAS – Dunker. Will be doing this on the Illinois River basin. Several different projects within the Chicagoland area regarding urban flooding.

SGTWA (Update): No update

Other Business:

The next meeting will be held on June 28, 2022 and will be on Zoom.



Scott (McHenry County) commented on the Library project that is moving forward. They will be going with banners (jiffy screens). There is an upcoming meeting with library directors.

The meeting was adjourned at 11:46 AM.

Submitted by _____ Angie Smith, EEI