



## Technical Advisory Committee Zoom Meeting

November 28, 2023

### Meeting Minutes

Present: Peter Wallers, MWCOG/EEI; Alana Bartoli, Lake County Health Department; Gary Clark, Retired IEPA; Lucas Smith, Village of Carpentersville; Bob Leible, City of Aurora; Jerry Elliott, Retired Sugar Grove Water Township Authority; Tony Speciale, Retired Village of Sugar Grove/Sugar Grove Township Water Authority; Tim Farrell, Village of Huntley; Ceclia Cullen, ISWS; Dear Farr, Illinois Division of the Izaak Walton League; Jeff Freeman, EEI; Walt Kelly, ISWS; Dan Hadley, ISWS; Jeff Babich, Sugar Grove Township Water Authority; Kevin Fecske, Village of Barrington; Natalie Karney, BACOG; Jodie Wollnik, Kane County Water Resources; Kelsey Pudlock, CMAP; Wes Cattoor, IDNR; Caleb Apker, Burns & McDonnell; Scott Kuykendall, McHenry County; Mike Pubentz, City of Elgin; Katie Piotrowska, CMAP; Margaret Schneemann, IISG; Brad Merkel, Village of Sugar Grove; Amy Gahala, USGS; Mary McCann, McHenry County Board; Angie Smith, EEI.

Peter Wallers called the meeting to order at 10:02 A.M.

**Agenda Changes and Announcements:** No changes on the agenda.

**Approval of October Meeting Minutes:** Tony (SGTWA) made a motion to approve. Natalie (BACOG) seconded. Minutes approved.

**Presentation: “Changing Groundwater Levels in the Sandstone Aquifers - Results of the 2021 Synoptic Measurement in Northeastern IL”:** Dan Hadley (ISWS) walked through the online story map and stated that they will also be preparing a contract report with an Executive Summary that can be used. There is a small cone of depression in the Rockford area, Lake Zurich, and the already known zone in the Will County area, specifically Well No. 18 and Ineos (wells that are located within the fault zone).

It does show a general head change in the St. Peter in southern Kane County. There are also a lot of drawdowns in Lake Zurich and Rockford wells. Lake Zurich is looking to switch to an alternate source. Also need to keep an eye on the Huntley area, along with the Aurora, Montgomery, Yorkville, and Oswego areas. Harvard’s No. 9 and 10 wells are also showing a significant drawdown. Must keep McHenry and Kane County in mind for future use.

<https://storymaps.arcgis.com/stories/6a8ff45c39134e168da93b45626fef36>

**Presentation: “NWPA Water Supply Sustainability Plan: Landscape Efficiency Strategy”:** Kelsey (CMAP) and Margaret (IISG) gave a presentation on the overview of measures (including potential water savings and current levels of implementation), baseline information – audience and baseline water use and water savings estimates.

A reminder on the WSSP selected strategies was shared with the group:



- Residential Sector
  - Residential retrofits – single-family
  - Residential outdoor water use (landscape efficiency) – single-family
  - Residential new construction
- System
  - Water Loss Control
  - Costing & Pricing
- Commercial, Industrial, and Institutional (CII) Sector
- Information and Education

Discussion:

Is a shift to 20% outdoor water use reasonable?

Huntley showed a 22% rate, 2015-2020 reduced it to 17%. Went on an education campaign and showed them the water that was being used. Currently drilling a new well and water treatment plant right now. Targeting 15% for Huntley.

Should the WSSP estimate water savings using Water 2050's water conservation program participation rates? (10% low end, 50% high end)

Amy (USGS) suggested using a case study(ies) – Aurora, Algonquin, Huntley; these would help people understand the benefits of water conservation.

**Sensible Salting Committee (SSC) (Update):** Scott (McHenry County) commented on the first in-person salt smart training and certification program which had about 45 participants. Most of the participants were from school districts. Have received great feedback from the participants. McHenry County has been able to secure two liquid push spreaders that can be rented out.

**CMAP (Update):** Kelsey (CMAP) reported no real updates. Released the newsletter this past month and the SSC program was highlighted.

**ISAWWA (Update):** Nothing at this time.

**ISWS (Update):** Walt (ISWS) reported that he and Devin Mannix will be in Will County to give a presentation on the aquifer recharge study.

**IDNR (Update):** Nothing at this time.



**USGS (Update):** Amy (USGS) reported that the PFAS data release for McHenry County will be out soon. Happy to share the information at the next meeting.

**SGTWA (Update):** Tony (SGTWA) reported no real updates.

**Other Business:**

Meetings for 2024 will be scheduled and sent out to everyone. There will be two in-person meetings; one in the Spring and one in the Fall.

The next meeting will be held on January 23, 2024, via Zoom.

The meeting was adjourned at 12:05 PM.

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