



Technical Advisory Committee Zoom Meeting

March 26, 2024

Meeting Minutes

Present: Pete Wallers, MWCOG/EEI; Jeff Freeman, EEI; Devin Mannix, ISWS; Jodie Wollnik, Kane County Water Resources; Gary Clark, Retired IEPA; Matt Asselmeier, Kendall County; Amy Gahala, USGS; Tony Speciale, Retired Village of Sugar Grove/Sugar Grove Township Water Authority; Austin McFarlane, Lake County; Derek Hiland, DeKalb County; Eddie Ramos, City of West Chicago; Jonah Schein, WaterSense USEPA; Kali Spain, ISAWWA; Margaret Schneemann, IISG; Jerry Glogowski, Village of Algonquin; Joe Munder, City of Aurora; Kelsey Pudlock, CMAP; Jerry Elliott, Retired Sugar Grove Water Township Authority; Scott Kuykendall, McHenry County; Wes Cattoor, IDNR; Wei Han, IDNR; Katie Piotrowska, CMAP; Kevin Fecske, Village of Barrington; Mike Pubentz, City of Elgin; Jeff Babich, Sugar Grove Township Water Authority; Cary McElhinney, USEPA; Brad Merkel, Village of Sugar Grove; Angie Smith, EEI.

Kelsey Pudlock called the meeting to order at 10:08 A.M.

Agenda Changes and Announcements: Nothing at this time.

Approval of February Meeting Minutes: Scott (McHenry County) made a motion to approve. Joe (Aurora) seconded. Minutes approved.

Presentation: “WaterSense Tools for CII Water Use”: Jonah (USEPA, WaterSense) presented this topic to the group. The Commercial, Institutional, and Industrial (CII) property managers are using Energy Star Portfolio Manager.

WaterSense at Work is a comprehensive set of water-efficiency best management practices created to help commercial and institutional facilities manage their water use. The guidebook includes information about water management planning, water use monitoring and education, sanitary fixtures and equipment, commercial kitchen equipment, outdoor water use, mechanical systems, laboratory and medical equipment, onsite alternative water sources, and case studies.

He shared tools for getting started – www.epa.gov/watersense/tools-ci-facilities

Presentation: “NWPA Water Supply Sustainability Plan: CII water conservation strategy”: Kelsey (CMAP) and Margaret (IISG) presented on this topic. They covered a brief description of the strategy overview, measures, implementation approaches, case studies, and baseline information.

Programs and resources were shared with the group: WaterSense at Work (<https://www.epa.gov/watersense/best-management-practices>), Portfolio Manager



(<https://www.energystar.gov/buildings/benchmark>), Water Audit Guidelines for Commercial Buildings (https://www.allianceforwaterefficiency.org/sites/default/files/assets/City_Energy_Project_Water_Audit_Guidance_For_Commercial_Buildings.pdf), South Florida Water Management District Water Audit Guide (https://www.sfwmd.gov/sites/default/files/documents/water_efficiency_improvement_self_assess_guide.pdf) and Illinois Sustainable Technology Center (<https://tap.istc.illinois.edu/programs/water-efficiency-and-conservation/>).

Water savings estimates: CII baseline water use assumes NWPA PWS have similar water use as national averages estimate 60.7 MGD for the NWPA region. Estimates a water savings .8 – 4.1 MGD at a 10% low participation and 50% at high participation rates.

Are the water savings estimate assumptions valid? Jodie, Kane County, commented on the senior living and nursing homes and noted that both types of facilities have a water management plan associated with them due to increased legionella cases. They are taking their low-flow rate equipment and replacing that in those buildings. Concern with including these types of buildings into the mix.

Do you know of NWPA communities with a water conservation program that focuses on the CII sector? What measures are they taking? How can the NWPA get more communities to focus on CII water conservation?

Scott, McHenry County, asked if the Joliet program has taken any steps on integrating for their CII's. Jeff commented that the water conservation group did bring in the Illinois Sustainable Technology Center. They offered up an educational type of approach to any of the CII's and could help them with audits.

Sensible Salting Committee (SSC) (Update): Scott (McHenry County) reported he has been contacted by the Conservation Foundation and they are interested in replicating McHenry County's deicing workshops that they put on for roads. They are working towards developing a region-wide program for roads as well.

CMAQ (Update): Kelsey (CMAQ) reported there are no updates at this time.

IISG (Update): Margaret (IISG) no updates at this time.

ISAWWA (Update): Jeff (EEI) reminded everyone that WATERCON is in April in Peoria.

ISWS (Update): Devin (ISWS) no updates at this time.

IDNR (Update): Wes (IDNR) no updates.

USGS (Update): Amy (USGS) Illinois Groundwater Association meeting is April 19th at NIU in DeKalb.
[Illinois Groundwater Association](#)

SGTWA (Update): Tony (SGTWA) has no updates at this time.



Other Business:

Pete (MWCOG/EEI) reported that a group has been working on some revisions for fire hydrant installations and dead-end loops in the water distribution systems. There was a meeting last week in Springfield and believe that we are going to move forward with the recommendations and move it through IPCB and JCAR. There will be an opportunity to comment as it progresses through the system.

The next meeting will be held on April 23, 2024, **in person at the Elgin Centre.**

The meeting was adjourned at 11:58 AM.

Submitted by _____ Angie Smith, EEI