



## Technical Advisory Committee

### The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

January 28, 2020

### Meeting Minutes

Present: Peter Wallers, MWCOG; Nora Beck, CMAP; Dustin Calliari, CMAP; Walt Kelly, ISWS; Danielle Gallet, MPC; Justin Keller, MPC; Todd Ellis, Village of Montgomery; Natalie Karney, Village of South Barrington; Tim Wilson, City of St. Charles; Matt Wilson, City of St. Charles; Jodie Wollnik, Kane County Water Resources; Scott Kuykendall, McHenry County; Amy Gahala, USGS; Judith Thomas, USGS; Rod Worden, Lake County Public Works; Dave Schumacher, City of Aurora; Jeff Freeman, EEI; Kevin Fecske, Village of Barrington; Patrick McPartlan, KDSWCD; Faye Sinnott, FC/SCWP; Angie Smith, EEI.

Peter Wallers called the meeting to order at 10:05 A.M.

**Welcome, Roll Call and Introductions:** Pete (MWCOG) welcomed everyone to the meeting. Introductions were given by those present.

**Agenda Changes and Announcements:** Pete (MWCOG) thanked Nora, Dustin, Angie and Amy in securing CEU's for the presentation today. There is a check box on the sign-in sheet so please make sure if you want them to mark "Yes". We will follow-up with the information after the meeting.

**Approval of November Meeting Minutes:** Amy (USGS) made a motion. Jodie (Kane County) seconded. Minutes approved.

**General Discussion on Current Water Topics in the NWPA Area:** Dave (Aurora) reported there is nothing of significance to report.

Jodie (KC) have final pairing of wells in Campton Township going in next week. This is our third year for those so we will be anticipating a report from Dan Hadley, ISWS, in the Fall.

**Presentation: *Studies Identifying Contaminants of Emerging Concern in Groundwater and Surface Water*,** Amy Gahala, USGS gave an overview of on recent studies that have identified pharmaceuticals, PFAS, and microplastics in groundwater and surface water. Pharmaceuticals find their way into the drinking water supply in numerous ways, including but not limited to septic systems, landfills, and wastewater discharges .

When USGS sampled final (after storage or treatment processes) landfill leachate from 22 landfills across the country, all 190 samples tested positive for some sort of contaminant of emerging concern. Most frequently detected were bisphenol A (used in plastics, thermal paper, and epoxy resins), DEET (insect repellent), and



cotinine (a transformation product of nicotine).

Additionally, PFAS, a broad name for man-made industrial chemicals that are oil and water repellent, are generally found everywhere, including in the blood of humans and wildlife. Studies associate exposure to PFOS and PFOA (the two most common types of PFAS) with high cholesterol, thyroid disorders, preeclampsia, testicular and kidney cancer, and reproductive and development effects. These chemicals are not currently federally regulated. IL EPA recently announced that it will be developing a PFAS groundwater quality standard for Illinois and begin testing municipal water supplies statewide for PFAS compounds beginning this year.

Finally, the presentation covered microplastics and how ubiquitous they have become in water. A recent study of 29 tributaries to the Great Lakes found plastic particles in 100% of the 107 samples analyzed, and plastic fibers in 71% of the samples. Groundwater and surface waters are vulnerable to all these contaminants of emerging concern, and it is up to water users and resource managers to help prevent contamination.

Scott (McHenry) indicated that the City of Woodstock has instituted a 10 cents fee for plastic bags for businesses that are 5,000 square feet or larger. The Ordinance can be found here:

[https://www.woodstockil.gov/sites/default/files/fileattachments/environmental\\_commission/meeting/32081/woodstock\\_bag\\_ordinance\\_072019\\_-\\_packet\\_8-15-19.pdf](https://www.woodstockil.gov/sites/default/files/fileattachments/environmental_commission/meeting/32081/woodstock_bag_ordinance_072019_-_packet_8-15-19.pdf)

**Presentation: *New features of the NWPA website*:** Dustin (CMAP) announced the new and improved website for the NWPA. Check it out at [www.nwpa.us](http://www.nwpa.us)

**Sensible Salting Committee (SSC) (Update):** Scott (McHenry County) reported that he is waiting on the second review from Phil Sexton to be completed. Unfortunately, he's not going to be able to provide the edit/review that he was hoping for so Scott is going to have to finish it himself. This will be a couple months out before he is able to get to it.

**CMAP (Update):** Nora (CMAP) reported that they are still in the process of going through their LTA applications.

**ISAWWA (Update):** Jeff (ISAWWA) reported that a new executive director has been hired. Laurie Dougherty will be retiring. WATERCON2020 is March 23<sup>rd</sup>-26<sup>th</sup> in Springfield and encouraged everyone to attend. The Distribution conference will be April 14<sup>th</sup>-15<sup>th</sup> in Addison. Mike Ramsey has put together a model water tower building contest for 6<sup>th</sup>-8<sup>th</sup> grade students. It's a great opportunity for volunteering and learning more about this competition.

**MPC (Update):** Justin (MPC) reported that the water affordability report is going to print next week. It will be a limited edition at first. Also working through the LTA for Drinking Water 1-2-3 – one is LSLR and the other one is a water audit. Danielle (MPC) stated that her last day with MPC is Fri., Feb. 7<sup>th</sup>.

**ISWS (Update):** Walt (ISWS) reported on Feb. 11<sup>th</sup> the Southwest Water Planning Group will be having a meeting – Daniel (ISWS) will be giving a presentation; Jeff (EEI) will be giving a presentation as well. Also wanted to mention that ISGS was doing their mapping study they also put their monitored wells, ISWS will be doing some sampling of these wells – Lake County Shallow Aquifers.



**IDNR (Update):** Pete (MWCOCG) reported that they are continuing work on the State Water Plan.

**USGS (Update):** Amy (USGS) reported that USGS allowed her to go to her son's school and go through how groundwater gets contaminated, how things work, etc. Still working through the Three Oaks well monitoring/data collection to see if any higher chlorides will appear or not.

Judith (USGS) IEPA is now thinking they are going to do every water supply for the PFAS/PFOS contaminants within the Midwest region.

**Executive Committee (Update):** Pete (MWCOCG) reported that they will be approving the Strategic Plan at the next meeting and will be unveiling the new website.

**Other Business:** IDPH Amendments – were not approved in 2019.

The municipalities are working on legislation to clarify fire hydrant permitting.

The next meeting will be held on February 25, 2020 at the Centre at Elgin.

The meeting was adjourned at 11:41 AM.

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