



Technical Advisory Committee

The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

October 25, 2016

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Jerry Elliott, Sugar Grove Water Authority; Danielle Gallet, MPC; Todd Hoppenstedt, Village of Montgomery; Jeff Freeman, EEI; Kyla Jacobsen, City of Elgin; Nora Beck, CMAP; Al Wehrmann, Intera, Inc.; Jack Wittman, Intera, Inc.; Paul Schuch, Retired Kane County; Wes Cattoor, IDNR; Daniel Abrams, ISWS; Tim Wilson, City of St. Charles; Mike Palmer, City of McHenry; Jennifer Hughes, Village of Oswego; Jodie Wollnik, Kane County Water Resources; Bob VanGysegham, City of Geneva; Jillian Kiss, Trotter & Associates; Bob Sasman, Retired ISWS; Dave Schumacher, City of Aurora; Dave Segal, Elgin Sustainability Committee; and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:04 A.M.

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

Agenda Changes and Announcements: None at this time.

Approval of September Meeting Minutes: Todd (MO) made a motion to approve the meeting minutes. Jodie (KC) seconded. All in favor minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Mike (MCH) reported that they are in a little bit of a dry spell, but things are good. Bob (GE) things are normal and still moving along. Tim (SR) just facing the lead and copper issue and we don't know what we have in the ground. Working on trying to put together some kind of tool so we can figure out what we have. Kyla (EG) our water quality is amazing at this time. Will be speaking to a group of underground contractors tonight about lead and copper. Jerry (SG Twp.) working on identifying well owners to get some well monitoring equipment put in. Jennifer (OS) things are good. Todd (MO) putting together an inventory of what we know regarding lead and copper.

Presentation by Daniel Abrams (ISWS) ~ "Impact of the Sandwich Fault Zone on Groundwater Availability in Northeastern Illinois": Daniel ran through some of the slides that were presented in Joliet on Oct. 5th at the ISAWWA Source Water Summit. He reminded the group about the desaturation of the St. Peter sandstone. Research shows that we should also start focusing on the Ironton Galesville sandstone as well. Problem in the Will County area and starting to show concerns in the Montgomery and Aurora area as well. Based on the available information it would appear that if we continue at this rate the Ironton Galesville will be partially



desaturated in 25 years in the center of the cone of depression. If we use the groundwater flow model to determine partial desaturation it is showing 15-25 years. Actual timeframe will be shortened with the construction of new well fields.

Source of water supply in NE Illinois (Preliminary): Total Pumpage: 69 MGD; Recharge Zone: 14.7 MGD; Deep Basin: 12.6 MGD; Fault Zone: 14.3 MGD; Other Aquifers (Outside of the Ironton Galesville and the St. Peter): 16.7 MGD; Storage: 10.7 MGD.

The Sandwich Fault Zone shows a distinct jump in heads across the fault, with lowest heads on the north side. There are limited contacts along the fault. Cross-sectional images indicate where sandstone layers are not in contact on the north and south side of the fault (red zones). The red zones indicate a completely off set aquifer which limits the flow across the fault. Specific capacity in the Sandwich Fault Zone is less than 2 gpm/f.

Discussion was had amongst the group about other communities looking to another source of water besides groundwater. Pete (MWCOC) reported that Oswego, Montgomery and Yorkville are looking to work together to get water from the Fox River. For obvious reasons these communities are concerned with the desaturation of the aquifers. Wes (IDNR) still hopeful that we can get the funding again for regional water supply planning and make some headway with Joliet.

Presentation by Danielle Gallet (MPC) ~ “Action Agenda, Solutions to Northeastern Illinois Water Supply Challenges”: The action agenda was just released last week. Intentions are to raise awareness and start building partnerships to advance a 10-point action agenda. The action agenda was written for the general public – *What are the issues?* 1. Do we have enough? 2. Is it clean? 3. Will the system endure?

Ten actions over next 5 years:

1. Create a guide for elected officials on managing local water services (Water 123 to be released in Q2 in 2017)
2. Improve state funding stream for water infrastructure improvements (IEPA SRLF)
3. Explore opportunities for cost savings in water services
4. Analyze and test equitable rate structures
5. Drive adoption of best practices in water reporting and sensible salting
6. Develop and implement a coordinated plan for Fox River water use
7. Research strategies and opportunities for matching the right water to the right use
8. Update the Illinois Plumbing Code
9. Establish dedicated revenue stream for regional water supply planning
10. Require infrastructure condition reporting

All of this information can be found at: www.metroplanning.org/waterchallenges

Next Urban Flooding Roundtable Event: *A Flood of Ideas: Emerging Best Practices in Stormwater Planning*, November 17th, 12 – 1:30 PM at MPC

NWPA – Communication/Outreach: None at this time.



CMAP (Update): Nora (CMAP) reported that the Seed and Sod text and brochure has been finalized and it is in production. Working on the Transportation Plan 2018 – strategy papers on water and stormwater. These two papers will be unveiled at the Environment and Natural Resources Group meeting that will be held on Nov. 3rd.

ISAWWA (Update): Kyla (EG) reported that the water utility council has put together a white paper. Posted on the website and will be mailed to all members on Monday.

ISWS (Update): None at this time.

IDNR (Update): Wes (IDNR) received a call from a resident in DuPage County that their well has gone dry. We provided some emergency services to help them get some water now until they can drill a new well. Met with PRI and others to talk about water supply funding looking at the Kankakee region, Joliet and Northeastern Illinois received funding. Transportation Lockbox Amendment on the ballot could affect the funding for IDNR depending on the election. This would kill the water supply planning efforts. For this year it was \$150 – 200K for sustainable water supply funding. On hold now until after the election to see if it passes and it gets rolled out. Nora (CMAP) reported that CMAP did the potential ramifications of this passing and will share it with the group. Wes (IDNR) one of the other things that they discussed was breaking up the Northeastern Illinois Region into three different areas: Lake Michigan, Fox River(NWPA) and Kankakee River.

Executive Committee Update: Pete (MWCOG) commented that we will be getting a new Chairman either in November or January since Mayor Weisner will be stepping down.

Other Business:

SB550 (Lead and Copper Rule): Discussed previously.

Fox River Implementation Plan: Kyla (EG) reported that the annual meeting is this Thursday at Batavia.

The next meeting will be held on November 22, 2016 at the Centre at Elgin.

The meeting was adjourned at 12:09 PM.

Submitted by _____ Angie Smith, EEI