



Technical Advisory Committee

The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

July 25, 2017

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; MPC; Jerry Elliott, Sugar Grove Water Authority; Danielle Gallet, Metropolitan Planning Council; Tom Weisner, MPC/Formal Mayor of City of Aurora; Dave Segal, Elgin Sustainability Commission; Paul Schuch, Retired Kane County; Walt Kelly, Illinois State Water Survey; Wes Cattoor, IDNR; Devin Mannix, Illinois State Water Survey; Al Wehrmann, Interra, Inc.; Jeff Freeman, EEI; Janet Agnoletti, BACOG; Bob Kay, USGS; Todd Hoppenstedt, Village of Montgomery; Dave Schumacher, City of Aurora; Jim Eggen, City of Joliet; Allison Neubauer, Illinois-Indiana Sea Grant; Derek Hiland, DeKalb County; Mike Palmer, City of McHenry; Scott Kuykendall, McHenry County and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:08 A.M.

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

Agenda Changes and Announcements: None at this time.

Approval of June Meeting Minutes: Todd (Montgomery) made a motion to approve the meeting minutes. Dave (Aurora) seconded. All in favor minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Dave (Aurora) reported that there is plenty of water and the river is very treatable.

Presentation “Water Demand vs. Water Availability” by Devin Mannix (ISWS): This is looking at deep aquifers only. Looking at 47 – 59 MGD or a ~40-50% reduction. Kendall County is 2 MGD = Net Sustainable Flow; McHenry County is 8 MGD = Net Sustainable Flow; Lake County is 5 MGD = Net Sustainable Flow; Grundy County is 7 MGD = Net Sustainable Flow; Kane County is 16.5 MGD = Net Sustainable Flow; Cook and DuPage Counties is 8 MGD = Net Sustainable Flow; Will County is 12 MGD = Net Sustainable Flow.

What is sustainable? Basin flow is unavoidable, so may be included in the short-term target, but it’s best to minimize water from this source to avoid increasing salinity. Similarly, Mt. Simon should not be counted on as a source of water in most areas, as considerable uncertainty exists for the long-term water quality in these wells, especially as demands increase.



Safe Yield vs. Sustainable Yields – new research using a Texas aquifer model, calculates a safe yield from trends in either water levels or changes in storage. It provides an estimate for the quantity of water capable of being withdrawn without increasing drawdown or removing water.

Kane County is pumping 26.5 MGD, Will County is pumping 30 MGD which both exceed safe yield and sustainable yield by at least 10 MGD. All counties together for the safe yield is 101 vs. current demands already at 98 MGD. All of these numbers are through the year 2013. Safe yield doesn't include drought times at all.

When this presentation is taken to the Executive Committee meeting it would be better to show some sort of bar chart with the Counties information. Discussion was had amongst the group the best way to show the Executive Committee the information in order to get the point across and let them know what is happening.

CMAP (Update): Pete (MWCOG) mentioned that Jason Navota is spearheading a NOAA SARP grant. Basically it's for a drought management study. NWPA is going to be a study partner with CMAP. He's going to need some support from the Counties – Kane, Kendall and McHenry. They are looking for a national partner as well – AWWA or APWA could be a possibility.

ISAWWA (Update): Jeff (ISAWWA) stated that WATERCON2018 abstracts are due September 1st. The annual regulatory update will be October 19th. Working on presenters at the moment. Looking for a community that has started to do inventories of their lead services.

MPC (Update): Danielle (MPC) reported that they were able to present the Water 1-2-3 to the Executive Committee. They are working on the final layout. They are still looking for an outdoor watering resource and good sensible salting program at the municipality level. Currently working on sponsorships for the guide; it will be going out to over 1,000 elected officials. Going to production in the beginning of September.

ISWS (Update): Walt (ISWS) reported that the State has a budget with only a 10% cut.

IDNR (Update): Wes (IDNR) reported that we have a budget as well. They submitted their wish list and they are waiting to hear back to see what they will actually get.

Executive Committee Update: Pete (MWCOG) stated that Daniel Abrams gave a presentation with some new information. One part of Daniels' presentation was on chlorides, had the thought that it would be a good idea to issue some guidelines to the public. If a smaller group would be willing to work together in order to get this produced. Also working on updating the strategic plan. If you are interested please let him know. The next meeting will be in September.

Other Business:

Fox River Implementation Plan: Pete (MWCOG) reported that there is a meeting scheduled in August.

IDPH: Pete (MWCOG) reported that there is no new information. There is a Water Utility Committee (WUC) conference call this afternoon, if he learns anything will share with the group.



McHenry County Water Forum – November 8th held at McHenry County College from 6:00 – 8:45 PM. Scott will send a write-up to Pete to share with the group.

Allison (IISG) working on the buffalo grass brochure with Margaret Schneemann.

The next meeting will be held on September 26, 2017 at the Centre at Elgin. Also a reminder that we will not meet in August.

The meeting was adjourned at 11:49 AM.

Submitted by _____ Angie Smith, EEI