



Technical Advisory Committee

The Centre at Elgin

(West Conference Room)

100 Symphony Way, Elgin

June 28, 2016

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Walt Kelly, ISWS; Daniel Abrams, ISWS; Danielle Gallett, MPC; Jaci Admundson, NWPA Intern; Jerry Elliott, Sugar Grove Water Authority; Donald Pfeffer, Sugar Grove Water Authority; Jeff Babich, Sugar Grove Water Authority; Paul Schuch, Retired Kane County; Todd Hoppenstedt, Village of Montgomery; Joanna Krueger, ISWS; Dave Segal, Elgin Sustainability Committee; Andy Rezek, City of Crystal Lake; Margaret Schneemann, IISG; Janet Agnoletti, BACOG; Laura Schonel, Intern at IISG; Dave Schumacher, City of Aurora; Jodie Wollnik, Kane County Water Resources; Jamie Dalheim, Kane County Water Resources Intern; Bob Sassman, Retired ISWS; Al Wehrmann, Intera, Inc.; Jillian Kiss, Trotter & Associates representing LCML; Michael Goers, Kendall County Intern; Jennifer Hughes, Village of Oswego; Nora Beck, CMAP; Moira Zellner, University of Illinois-Chicago; Tim Wilson, City of St. Charles and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:01 A.M.

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

Agenda Changes and Announcements: None at this time.

Approval of May Meeting Minutes: Todd (MO) made a motion to approve the meeting minutes. Jerry (SGWA) seconded. Minutes are approved.

General Discussion on Current Water Topics in the NWPA Area: Dave (AU) explained that they have been experiencing taste and order issues from the Fox River. They are seeing very high levels that are unprecedented and they are untreatable. Right now they are on 100% well water. He also indicated that Elgin is seeing the same issue and they are on 60% well water.

Janet (BACOG) stated that they will be doing the synoptic measuring and the municipal pumping wells on July 7th.

NWPA – Communication/Outreach: Jaci (NWPA Intern) reported on the June newsletter that was sent out. It had a 23% open rate; normally about 27% - if anyone has any suggestions for getting people to open it let her know. The next one will be coming out in the next couple of weeks. Jennifer (OS) suggested having a better



email subject line and a quick summary of what's included at the top of the newsletter. Pete (MWCOG) reported that we are updating our list from MWCOG and making sure that we have all of the right contacts.

Presentation by Walt (ISWS) ~ "An Assessment of Kane County Shallow Groundwater Quality: Comparing 2015 vs. 2003": The summary that was concluded was that the quality of shallow groundwater in most of Kane County is still good. However, salt run-off continues to be the major source of contamination. This is increasing the salinity of groundwater. They were able to re-sample 55 of those same wells and 13 replacement wells; total wells sampled = 78 which include an additional 10 wells from the Groundwater Quality Database. The samples included two shallow aquifers – shallow bedrock and sand and gravel (glacial).

Things to note:

- Change in Chloride: 5 wells increased more than 100 mg/l.
- Arsenic: 10 wells above drinking water standard (10 micrograms/liter) 9 of these are in shallow bedrock aquifer. The well with the highest arsenic is in a sand and gravel aquifer.

Final report on-line at <http://www.isws.illinois.edu/pubdoc/CR/ISWSCR2016-04.pdf>

Janet (BACOG) suggested putting together an initiative in the fall to help spread the word about expectations of clear roads in the winter. Pete (MWCOG) commented that it is a great article idea for a future newsletter.

Discussion led by Margaret (IISG) ~ "Demand Forecasting Outreach and Communication": Currently in conversation with ISWS about this topic and the importance of gathering the data in order to assist with cost-effective management and decision making.

What is water demand forecasting? Estimation of future water demands based on data and trends. Simplest method is population-based linear extrapolation. More complex methods is the Water2050 plan which includes climate change, customer behavior change and price elasticity, etc.

Why do it? Long-term that goes out over decades; medium-term, years to a decade; short-term, years; very short-term, hours, days, weeks (up to two weeks). Also have spatial considerations – Regional, County, Major System, System. Need to match forecast scale with scale of management decision. Need the proper scale of data for the decision that you are making.

Nora (CMAP) reported that they will be working on the seven county projected population. Will have the information in five year increments. Will be fine tuning the municipal projections as well. The local projections should be released by January 2017.

IISG Initiative Discussion: Margaret (IISG) stated that the IISG has gained more capacity in the past couple of years. We have a videographer on our team. At the last meeting we talked about re-doing portions of the Water Forum Day. The communications team is very interested in working with our group in order to get this done. NWPA would be pre-production, scripting, interviews and working closely with Danielle, two trips from Urbana for filming and interviewing, editing and post production. Will work on a budget and a timeline for the next meeting.



Strategic Plan Update: Pete (MWCOG) stated that we will be working on this at the next meeting so we can wrap-up some things.

MPC (Update): Danielle (MPC) reported that they are working on the 101 guide for elected officials. After this meeting she is heading to Geneva with ISWS to capture some footage one of the wells that they are monitoring. Both of these items should be put together by the end of the year or early next year.

ISWS (Update): Walt (ISWS) reported that ISWS is taking over Well No. 5 in Geneva. Daniel (ISWS) commented that the groundwater flow model – developing a uniformed grid for the northern portion of the state it is up and running now.

IDNR (Update): PGW (MWCOG) nothing to report at this time.

Executive Committee Update: Pete (MWCOG) reported that there is a meeting in July. See what their interests are for the remainder of the year. We will be able to give an update on the budget after that meeting.

Other Business:

Seed or Sod Brochure Review: Lauren (IISG Intern) distributed copies for review of text only. Hoping to have a brochure put together by next meeting. Danielle (MPC) suggested a simple case study with an illustration. Jodie (KC) you're essentially establishing the sod twice – once at the farm and then again at the home.

Lead and Copper Rule – SB550: Pete (MWCOG) still working on this.

Fox River Implementation Plan: Pete (MWCOG) has been submitted and not approved yet.

Dave (AU) couple of items being held up with the Illinois Department of Public Health pertaining to a dead end water supply that they are dealing with as well.

The next meeting will be held on July 26, 2016 at the Centre at Elgin.

The meeting was adjourned at 11:43 AM.

Submitted by _____ Angie Smith, EEI