



Technical Advisory Committee

The Centre at Elgin

(West Conference Room)

100 Symphony Way, Elgin

September 27, 2016

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Jerry Elliott, Sugar Grove Water Authority; Jeff Babisch, Sugar Grove Water Authority; Laura Schnoebelen, Intern at IISG; Dave Schumacher, City of Aurora; Jodie Wollnik, Kane County Water Resources; Todd Hoppenstedt, Village of Montgomery; Tim Wilson, City of St. Charles; Andy Resek, City of Crystal Lake; Jeff Freeman, EEI; Kyla Jacobsen, City of Elgin; Amy Gahala, USGS; Don Zeilenga, Robinson Engineering; Bob Benson, Trotter & Associates representing LMCL; Dan Nagel, Sugar Grove Twp.; Nora Beck, CMAP; Dave Segal, Elgin Sustainability Committee; Mike Palmer, City of McHenry; Dave Schumacher, City of Aurora; Al Wehrmann, Intera, Inc.; Moira Zellner, University of Illinois-Chicago; George Roadcap, ISWS; John Dillon, City of Batavia; George Roadcap, ISWS; and Angie Smith, EEI.

Pete Wallers called the meeting to order at 10:06 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 July Meeting Minutes: Jerry (SG Water Authority) made a motion to approve the meeting minutes. Todd (MO) seconded. All in favor, minutes approved.

General Discussion on Current Water Topics in the NWPA Area: Kyla (EG) things are good in Elgin. Dave (AU) agreed with Kyla; things are good in Aurora.

NWPA – Communication/Outreach: Pete (MWCOG) reported that they are working with MPC to get another intern established. Trying to get a yearlong internship vs. a 6-month internship. Hoping to have someone on board soon.

Presentation by Amy Gahala (USGS) ~ “Hydrogeology and Water Quality of the Shallow Sand and Gravel Aquifers in McHenry County, Illinois, 2009-2014, and Comparison to Conditions in 1979”: The report is being finalized and should be completed very soon. McHenry County, USGS and ISWS worked together to put in monitors that will give “real-time” data. “Real-time” data can be up to 90 minutes old. Amy explained how she created a decision matrix and went through all of the data and how the wells were either confined, semi-confined or unconfined.



2010 Water Quality Sampling: 46 groundwater samples were collected and analyzed for field parameters, major ions, nutrients, metals and trace elements. 8 were sampled for pesticides and 16 were selected for volatile organic compounds (VOCs). Health based exceedances: Arsenic = 26%; Sodium = 20%; Nitrate = 2%; TDS = 33%; Chloride = 11% Iron = 85%; Manganese = 30%. All pesticides were detected in 6 out of 8 samples; all levels were below the USEPA's maximum containment level (MCL).

Chlorides in 2010 ranged from 0.49 to 521 mg/L; highest concentrations were detected at urban wells (NAQWA wells). Focusing on chloride levels so they installed 4 wells with high with specific conductance dataloggers in order to monitor the levels every 15 minutes.

Amy noted that all of this information will be presented at the IGA Fall Meeting on Oct. 13th at Two Brothers in Aurora from 9 AM – 4 PM.

The question was asked in regards to the investment in order to get this program put together. It comes out to about \$8-9K per well plus another \$5K per well for the data. BACOG County is talking about coming together as well as Kane County. Jodie (KC) stated they are currently working with Wasco Twp. and other entities to put together a similar set-up. The cost is a 1/3 split. Jerry (SG Twp.) is willing to give up three wells for monitoring. Jodie will follow-up with Jerry to continue the discussion. Pete (MWCOG) Concern with the salting levels. McHenry County has done a good job on promoting education and public works folks. We need NWPA to jump on board and help educate the public and support the public works community.

IISG – Seed or Sod Brochure: Follow-Up: Lauren (IISG) commented that we do have a deadline – it's going to layout October 18th. We need comments in time before going to production. Layout will be similar to the Lawn Watering and the Homeowners brochure. The case study that we discussed at the last meeting will not be included at this time because it is still in process.

Pete (MWCOG) could you also comment on the water efficiency on seed vs. sod. Lauren (IISG) in research found that the recommendation for both is the about the same amount of fertilizer. Since there was not a big enough difference they added in the note regarding the soil test. Pete (MWCOG) it would be nice to have a correlation between this and the previous Lawn Watering Ordinance. John (BA) would only suggest that they contact their local municipality on their specific ordinance so that they follow the proper procedure. Pete (MWCOG) the Executive Committee would like to make a change to the ordinance to allow the resident to decide whether they would like to start with a seed or sod lawn. If you still have comments, please get them to Lauren prior to the deadline.

CMAF (Update): Nora (CMAF) reported that they are in the midst of working on the next regional plan that will be prepared for 2018. Two strategy papers that they are starting this quarter – one on water and one on stormwater. Will be covering urban flooding, water and wastewater. Hopeful that she will be able to share the progress to the group, especially the water strategy paper. Pete (MWCOG) it will be a good fit for the chloride issue.

MPC (Update): Peter (MWCOG) reported on their behalf that they are finalizing their action agenda on water supply that will be public in mid-October. They would like to outline some of the work that they are planning on



doing on the next 5 years and would like to share that at the October meeting. Continuing to move forward with the Elected Official 101 User Guide which will be completed by Q2 in 2017. Also continuing work on the water supply issue video that will focus towards the general public and elected officials which will be released at the same time.

ISWS (Update): George (ISWS) good news, bad news – they were told they were going to get some money for water planning, but they just received word that the State can't spend that money right now. In the office we are going back and looking at some older wells in the Joliet area to see if they are confined or unconfined. Hoping to look at some other wells in different communities as well. He shared a fascinating story in rural Shorewood where a homeowner's well started pumping oil. In going back to review the records it showed that there was oil back in the day as well. Their neighbor drilled a deeper well that could have affected his well. Suggested that they should case the well so that it can keep the oil out.

IDNR (Update): None at this time.

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. Hoping that he will stay involved in NWPA in some aspect.

Other Business:

SB550 (Lead and Copper Rule): We're waiting on comments from IEPA at this time. Kyla (EG) had a conference call last week and will be preparing a white paper on our position in relation to SB550. Hopefully by the end of October we will have something out to utilities for them to talk to their legislators about. Biggest issue is who will be responsible for the testing of the wells from a monetary side. More information will be coming in the future. Tim (SR) commented on the school district in St. Charles that they hired an outside environmental firm to complete the testing and they are taking full responsibility to fix all issues. They could/should be used as a model for others.

Fox River Implementation Plan: Kyla (EG) still working to schedule a meeting with USEPA to review the FRIP.

ISAWWA: Kyla (EG) commented on the Source Water Summit that is happening on Oct. 5, 2016 in Joliet. Jeff (EEI) commented there will also be another meeting coming up on Oct. 13th regarding the Lead and Copper Rule.

The next meeting will be held on October 25, 2016 at the Centre at Elgin.

The meeting was adjourned at 11:48 AM.

Submitted by _____ Angie Smith, EEI