



## Technical Advisory Committee

### The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

November 27, 2018

### Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Jeff Freeman, EEI; Jerry Elliott, Sugar Grove Township Water Authority; Jeff Babich, Sugar Grove Township Water Authority; Dan Nagle, Sugar Grove Township Water Authority; Nora Beck, CMAP; Tim Wilson, City of St. Charles; Dan Hadley, ISWS; Walt Kelly, ISWS; Scott Kuykendall, McHenry County; Paul Schuch, Retired Kane County; Jodie Wollnik, Kane County; Janet Agnoletti, BACOG and Angie Smith, EEI

Pete Wallers called the meeting to order at 10:07 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 October Meeting Minutes:** Scott (McHenry County) made a motion. Jodie (Kane County) seconded. All in favor minutes approved.

**General Discussion on Current Water Topics in the NWPA Area:** Nothing at this time.

**Presentation: *Update on Sugar Grove and Campton Hills Monitoring Projects and Sandwich Fault Zone;*** Dan Hadley (ISWS) gave an overview and update on the groundwater monitoring efforts in Sugar Grove and Campton Hills. Over the course of the year they have established three sites that have equipment on them – Jerry Elliott’s; Aurora Airport and Heartland Drive. There are also two sand and gravel wells that are in the works to be monitored – Prairie Street S-Curve Site and Hannaford Trail. There’s also a potential monitoring well on Baseline Road (Aurora test well), pending permission from landowner.

The equipment that is being utilized is the Campbell Scientific, Inc. (Logan, UT) which is about \$3,000-3,500 each or WellIntel Systems (Milwaukee, WI) which is about \$700 each. Jerry Elliott’s well is using the WellIntel System; the Aurora Airport well is using both WellIntel and Campbell Scientific; the Heartland Drive is using the Campbell Scientific equipment.

Future work will consist of: installing equipment at Prairie Street S-Curve site and Hannaford Trail site; acquisition of Baseline road sand and gravel well in the Aurora Bedrock Valley; on the lookout for any unused St.



Peter wells; additional WellIntell unit deployment for homeowners interested in the project; water quality sampling to supplement Kane County 2015 Water Quality Report.

Campton Township project update: 300-400 feet of drawdown in St. Peter, high density of private wells; increase in number of wells that bypass the confining Maquoketa shale; increase in number of St. Peter wells; instances of multi-aquifer St. Peter wells dewatering shallow aquifers. Goals: 1. monitor domestic wells, determine extent and magnitude of groundwater flow between aquifers at multi-aquifer wells; 2. Map density of domestic wells (by specific aquifers), infer risk to regions in the township. These have been plotted as density analysis maps:

<https://univofillinois.maps.arcgis.com/apps/webappviewer/index.html?id=e364cd4c39d847f3ba4f794986a85883>

Jerry Elliott gave an overview of his involvement of establishing the groundwater monitoring network in Sugar Grove Township. They are actively working on finding a St. Peter Sandstone well that can be used for monitoring, if they can't find one then they will consider drilling one. Other potential monitoring sites are as follows: subdivision at by-pass 30 and Orchard Road, La Bo's vacant building, Denny Road sharp curve farm; Baseline Road – Aurora Well Baumgartner Farm, Waubensee Community College, two residents at Harter Road/Rt. 47 or possible invitation to Rich Harvest Farms. Outside of this program is the water sampling program that they offer. They want to specifically look at Nitrogen and Chloride when taking the samples. At a minimum they want to sample the wells once a year.

**Sensible Salting Committee (SSC) (Update):** Scott (McHenry County) gave a brief update on the Committee. Working on the Best Management Practices Guide, about ¾ of the information has been received. Will be focusing on getting information together. Have a few minor tweaks on the Sensible Salting 2-pager; once finalized will share with the group.

**CMAQ (Update):** Nora (CMAQ) updated the group that IDNR has given a positive signal for the 1 ½ year water planning; working on the IGA with IDNR and CMAQ. All of the LTA projects are listed on line – <https://www.cmap.illinois.gov/web/guest/programs/lta/projects>. If you have comments please give them to Nora. Second update the water demand forecast – Margaret and her are doing some checking on and hopefully have the full data set on the website soon.

**ISAWWA (Update):** Jeff (EEI) commented that there was 400 people in attendance at the Annual Regulatory Update conference. Also, mentioned the *No Water No Beer Holiday* event in Rockford.

**MPC (Update):** Nothing at this time.

**ISWS (Update):** Pete (MWCOG) commented on the second meeting for the Will County Governmental League. Sounds like they will be reducing the number of meetings and offering some call-in options.

**IDNR (Update):** Nothing at this time.

**Executive Committee Update:** Pete (MWCOG) gave a recap that Tom Weisner, Gail Johnson and himself attended and gave a presentation on the NWPA structure to the WCGL group. There's been some indication that they may want to start a NWPA like group.



**Other Business:**

**Fox River Implementation Plan:** Nothing at this time.

**IDPH:** Nothing at this time.

The 2019 meeting schedule is included in the packet.

The next meeting will be held on January 22, 2019 at the Centre at Elgin. There is no meeting in December. Happy Holidays!

The meeting was adjourned at 11:58 AM.

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