



Technical Advisory Committee

The Centre at Elgin

(East Conference Room)

100 Symphony Way, Elgin

June 25, 2019

Meeting Minutes

Present: Pete Wallers, Chairman representing MWCOG; Nora Beck, CMAP; Natalie Karney, Village of South Barrington; Jerry Elliott, Sugar Grove Township Water Authority; Dan Nagle, Sugar Grove Township Water Authority; Scott Kuykendall, McHenry County; Margaret Schneemann, IISG; Paul Schuch, Kane County (Retired); Faye Sinnott, BACOG/SSCC; Jodie Wollnik, Kane County; Dave Segal, Elgin Sustainability Committee; John Dillon, ISAWWA; Mark Wolf, Village of Montgomery; Danielle Gallet, MPC; Daniel Abrams, ISWS; Derek Hiland, DeKalb County; Sarah Zack, IISG; Dave Schumacher, City of Aurora; Kelsey Pudlock, CMAP; Eddie Ramos, City of Elgin; Judith Thomas, USGS; Mike Fricano, West Central Municipal Conference; 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: Scott (McHenry County) shared a new regulation that is going to be coming out from IDNR – Source Water Protection Plan. Effective sometime after August 29th; water providers will need to prepare and submit a source water protection plan. This topic will be on the agenda for the WARP meeting that is July 10th.

Approval of May Meeting Minutes: Jerry (SGTWA) made a motion. Faye (BACOG/SSCC) seconded.

Presentation: *Updated Regional Groundwater Flow Model with 2050 Demand Forecast*, Daniel Abrams, ISWS; gave the background on the aquifer that we are referring to for the new individuals attending the meeting. He showed the change in the sandstone aquifer withdrawals from 1980 to 2014 highlighting the Joliet area. Models are showing that Ironton Galesville is also impacted in McHenry County; this needs to be looked into and evaluated further.

Groundwater flow model to look out to 2050 based off of CMAP demands; regional demands are based on CMAP future demand scenarios, original model assumes that all sandstone users stay on the deep aquifer; model assumes some demands switch from shallow to deep in Will County due to the Hine's Emerald Dragonfly issue.

Year 2030 – Phase I Study for Joliet; the result of the Phase 1 Water Supply study in Joliet indicates that an alternative source should be in place by 2030, with this info – they updated the model. The issue remains



regional in nature, even if Joliet switches from the sandstone to an alternative supply. The biggest beneficiary appears to be industry, although this is complicated by the fault zone.

Important things to consider – fault zone adds an additional local complexity; model simulation assumes very limited growth in industrial pumpage; simulation did not include impacts if sandstone is still used as a back-up supply, which will increase risk.

ISWS needs some local input in order to put the CMAP demands together. On-going work in the region: 1. Collaborative study with the Southwest Water Planning Group; 2. Installation of water level monitoring equipment at Exxon and Elwood; 3. Real time data from communities; 4. Analysis of a pump test at Flint Hills Resources; 5. Analysis of a 1942 Pump Test. Also looking at expanding their observation well network and this data is being moved on-line.

Presentation: *Contaminants of Emerging Concern*: Sarah (IISG) gave a presentation on contaminants of emerging concern related to PFAS, Microplastics, PPCPs, Coal Tar Sealcoats. USEPA definition is recently discovered due to updates or improvements in analysis of detection; detected at low levels in surface water; concern about impacts on aquatic life and usually no regulatory standards.

Microplastics - HB3715

<http://www.ilga.gov/legislation/BillStatus.asp?DocNum=3715&GAID=15&DocTypeID=HB&LegId=120442&SessionID=108&GA=101>; SB – plastic bag tax- check out bag tax
<http://ilga.gov/legislation/BillStatus.asp?GA=101&SessionID=108&DocTypeID=SB&DocNum=1240>

Coal Tar Sealcoats – SB1184

<http://www.ilga.gov/legislation/BillStatus.asp?DocNum=1184&GAID=15&DocTypeID=SB&LegId=117659&SessionID=108&GA=101> and HB2958
<http://www.ilga.gov/legislation/BillStatus.asp?GA=100&DocTypeID=HB&DocNum=2958&GAID=14&SessionID=91&LegID=104477> looking to ban these products in the State of Illinois. The SB is giving the Counties the authority to ban these products.

Sensible Salting Committee (SSC) (Update): Scott (Chair) reported that the draft of the manual has been prepared and has been handed over to Sarah Zack as the initial editor and will get it back July 3rd. Once we get it back then we will put it back out to the committee for feedback and Phil Sexton for further comment/review.

CMAP (Update): Nora (CMAP) gave an update on the NWPA; second newsletter, survey and engagement levels through NWPA, updated the one-pager; in the process of updating the strategic plan as well.

New executive director – Erin Alman; Kelsey and I will be working on integrating water supply with three communities through the LTA.

IISG (Update): Margaret (IISG) reported that the Seed and Sod brochure has been finalized. Will send a link to Pete for forwarding out. http://www.nwpa.us/pdfs/resource_center/FY17-0064_SEED%20TO%20SOD%20BROCHURE.pdf



MPC (Update): Danielle (MPC) stated that instead of the TAC meeting we will be having Drinking Water 1-2-3 Academy here in the ballroom on July 23rd. This one is going to be talking about Demand Management, Water Rate Setting and the growing Chloride issue.

ISWS (Update): Daniel (ISWS) we have three hires for the summer; one of those is a programmer and working to get water levels on-line. Dr. Allen Jones coming from Portland and will be using him to look at surface water interactions. The third hire will be funded through the SWPG.

IDNR (Update): Pete (MWCOG) mentioned that they are working on the State Water Survey, hoping to wrap it up by 2020. Also supporting the Fox River Flood Commission.

Other Business:

HB3035 Lead Service Line Replacement is delayed until there is funding.

IDPH Amendments – they are still going through the process.

Natalie (SoBN) has banned coal tar <http://www.southbarrington.org/coaltarbanfordriveway.html>

Faye (BACOG/SSCC) – there will be a public information meeting on increased rainfall in Lake County at Barrington Village Hall at 10 AM.

The next meeting will be held on September 24, 2019 at the Centre at Elgin.

The meeting was adjourned at 12:10 PM.

Submitted by _____ Angie Smith, EEI