



Chicago Metropolitan Agency for Planning

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Northeastern Illinois Regional Water Supply Planning Group

April 28, 2009 9:30 a.m.

Chicago Metropolitan Agency for Planning (CMAP)
Cook County Conference Room
233 S. Wacker Drive, Suite 800
Chicago, Illinois 60606

Delegates Present:

Karen Darch, President, Village of Barrington; Jerry Dudgeon, Director, PB&Z, Kendall County Government; Jeffrey Edstrom, Senior Project Planner, Geosyntec Consultants; Charlie Eldredge, Richmond Development Corp.; Scott Goldstein, Principal, Teska Associates, Inc.; Howard Hamilton, Chief Subdivision Engineer and Stormwater Director, Will County Land Use, Will County Government; Mike Kenyon, Farmer; Mark Knigge, Village of Wauconda; Robert Martin, RWSPG Vice-Chair and General Manager, DuPage Water Commission; Cassandra McKinney as proxy for Ken Koehler, McHenry County Board Chairman; Joyce O'Keefe, Deputy Director, Openlands; S. Louis Rathje, Chairman, DuPage Water Commission; Lynn Rotunno, Sierra Club Illinois Chapter; Paul Schuch, Director Water Resources, Kane County Government; Jeffrey Schuh, Senior VP, Patrick Engineering, Inc. **and** as proxy for Alan Jirik, Director of Corporate Regulatory Affairs, Corn Products International, Inc.; Sergio Serafino, Metropolitan Water Reclamation District of Greater Chicago; Jack Sheaffer, Ph.D., Principal, Sheaffer Consulting, LLC; Mike Sturtevant as proxy for John Spatz, Jr., Commissioner, City of Chicago; Kenneth Terrinoni as proxy for Bob Walberg, Boone County Board Chairman; Larry Thomas as proxy for Jeff Greenspan, Attorney-at-Law; Bonnie Thomson Carter, RWSPG Chair and Lake County Board; Ruth Anne Tobias, DeKalb County Board Chairman; Peter Wallers, President, Engineering Enterprises, Inc.; Thomas Weisner, Mayor, City of Aurora.

Delegates Absent:

Robert Abboud, President, Village of Barrington Hills; Mike Bossert, Kankakee County Board Chairman; Jim Holland, Mayor, Village of Frankfort; Martin Jaffe, Director and Associate Professor, University of Illinois Chicago; Daniel McLaughlin, Mayor, Village of Orland Park; Heidi Miller, Grundy County; William Olthoff, Farmer; Patrick Smith, Attorney-at-Law.

RWSPG Vacancies:

Cook County Government, Boone-Grundy-Kankakee County Mayors

Others Present:

Mike Walczak, Cathy White, Steve White, David Mullan, Kama Dobbs, Dale Schepers, Ed Glatfelter, Fred Brereton, Candace Billek, Eleanor Kane, Jessica Dexter, Bona Heinsohn, Cindy Skrukrud, Nancy Sweeney,

Jeff Freeman, Philip Rovang, Jill Leary, Tim Loftus, Jesse Elam, Margaret Schneemann, Hala Ahmed, Ylda Capriccioso, Megan Elberts, Amy Talbot.

I. Welcome and Roll Call:

Chairwoman Bonnie Thomson Carter called the meeting to order shortly after 9:30 a.m. The meeting was held in the Cook County Conference Room located at 233 S. Wacker Drive, Suite 800, Chicago, Illinois 60606.

II. Agenda Changes and Announcements

Dr. Loftus announced that going forward all meeting materials emailed to the RWSPG delegates and RWSPG contacts will be posted on the website in addition to the agenda and meeting minutes (<http://www.cmap.illinois.gov/watersupply/minutes.aspx>). In an effort to reduce printing, staff will print only draft plan changes instead of full draft plans for handout beginning with the May 2009 meeting. The May 2009 draft plan will include a table of contents. An updated plan outline was included in the meeting packet and is available online as well.

Dr. Loftus also announced a 5-month extension to the regional water planning process. The extension will include an additional 4 meetings (July, September, October, and November) and conclude with the regional plan published in December 2009. A detailed handout of the six remaining meetings with discussion topics included was distributed to the RWSPG and is posted on the website listed above. By a majority show of hands, the RWSPG affirmed its approval of the project extension.

In addition, a letter signed by Chairwoman, Bonnie Thomson Carter, and Co-chairman, Bob Martin, on behalf of the RWSPG and addressed to Governor Quinn has been drafted requesting \$2 million dollars per year to continue the state and regional water supply planning efforts. The letter will be emailed to the group following the meeting.

III. Approval of Minutes

A motion was made, seconded, and carried to approve last meeting's (March 24, 2009) minutes.

IV. Draft Regional Water Supply Plan-Version 4 of Introduction and Framework, Version 3 of Recommendations with additional focus on: Wastewater Reuse-Part 2, Water Quality and Aquatic Ecosystem Needs: Wetlands / Riparian Areas.

Jesse Elam, CMAP, initiated the RWSPG's discussion of the draft regional water supply plan with a presentation on Wastewater Reuse-Part 2, a continuation of Wastewater Reuse -Part 1 presented at the June 24, 2008 meeting. Mr. Elam's presentation briefly covered the purpose and potential users of wastewater reuse focusing on irrigation. A sample analysis of potential regional examples was covered along with cost and regulation considerations. Discussion followed touching on the need for a public education tool to address reuse water quality, the need for an enhanced regulatory system to support public education and address quality standards, water reuse in relation to carbon credits, the need to document agricultural reuse potential in plan, current regional agricultural reuse examples, the relationship with power generation, the cost of reuse, cost-effective golf course reuse, reuse incentives, and general benefits of reuse. The presentation is posted on the CMAP Water Supply website at: <http://www.cmap.illinois.gov/watersupply/minutes.aspx>.

Dr. Loftus emailed the current draft to the RWSPG in preparation for today's meeting. Discussion will continue today in the same manner as previous meetings, organized into sections in order to cover the draft in a timely manner. Section 1: Pages 1-12, no comments. Section 2: Pages 12-26 comments included strengthen language for agriculture and drought on page 22. Section 3: Pages 26-32 comments included the need to embellish the relationship between water rates and education. Section 4: Pages 32-48 comments included groundwater dependent community concerns need to be further addressed in terms of how to meet demand on page 42, the need to

analyze the model assumptions to assure correlation to the recommendations and conservation sections on page 39. Section 5: Pages 48-58 comments included the need to clarify CMAP's role as it relates to water quality on page 49, new paragraph needed on page 50 to distinguish between text and table, the need to address the economic impacts of protection and environmental actions including economic degradation associated with mismanagement or contamination of natural areas, the need for inclusion of radium information in relation to water quality, additional Business, Industry, and Power comments will be submitted, and Lynn Rotunno will submit complete comments and recommendations on water quality (humans/nature) including but not limited to the addition of nutrients to water quality considerations section, the need to identify and protect recharge areas on page 54, the inclusion of impacts on tributaries in terms of nature and future withdrawals on page 52, the need for additional study of shallow aquifer and surface impacts on aquatic ecosystems, develop permanent monitoring program for aquatic ecosystems, the need for planning tools to assess at risk resources and convey withdrawal data, and develop a natural area recharge program. Section 6: Pages 57-62 comments included the need to recognize a 9-foot required depth for navigation, Section 7: Pages 62-70 comments included the addition of a parallel strategy to address economic development portion of goal #3 on page 64, the deletion of the principles paragraph on page 64 and out of structure on page 63, clarification on continual revision of EPA standards on page 65, the need for expansion of the cost effectiveness and funding sources available for conservation/BMPs, and discussion of Chicago's water savings figures on page 69. Section 8: Pages 70-76 comments included the need to designate a specific agency to be responsible for administering conservation coordinator program at the state level on page 71, the inclusion of a summary paragraph of necessary circumstances/needs put in place to effectively implement measures(ex: adequate staff, money, etc) before BMP text in plan, clarification of dedicated landscape meters recommendations, the inclusion of seasonal pricing, encouraging vs. requiring recommendations, outdoor watering restrictions, the need to show the interconnection of the different roles of the 4 levels of recommendations(possible addition paragraph/graphic/sidebar for explanation with local examples), and the need to consider the future readers of the plan when presenting technical material.

Remaining comments should be submitted in writing to Dr. Loftus.

V. ISWS Draft Water Supply / Demand Analysis Report-New Results

Al Wehrmann, Illinois State Water Survey, updated the RWSPG on the most recent groundwater modeling results. This presentation focused on natural groundwater discharge, the drawdown of the shallow bedrock rock aquifer and stream flow impacts in relation to the demand scenarios. In conclusion, regional groundwater flow model results continue to be analyzed, impacts on the shallow bedrock aquifer are relatively significant especially in south Cook and Will counties and streamflow appears to significantly contribute to sand/gravel wells in the region. The next task is to evaluate how much demand is not being met by model cells going dry and model impacts on drought and climate change. The RWSPG can expect a draft by the May 2009 meeting and a final report at the beginning of July. Mr. Wehrmann's presentation is posted as a link on the CMAP Water Supply website at: <http://www.cmap.illinois.gov/watersupply/minutes.aspx>.

Discussion followed touching on the topics of modeling potential impacts of communities requesting Lake Michigan water, status of the quarries displayed in Cook County, and a comment stating that the final report will include Vern Knapp's work on surface water as well, presented in to the RWSPG in the October 2008 meeting(available online at website listed above).

VI. Other Business

There was no other business.

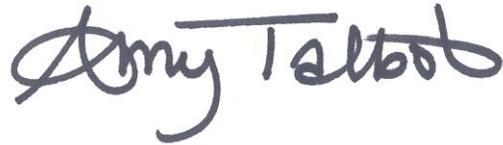
VII. Public Comment

There were no public comments.

VIII. Adjourn

Today's meeting adjourned shortly before 12:30 p.m. The next monthly meeting will be held on May 26, 2009 (the day after Memorial Day) from 9:30-12:30 at the offices of the Chicago Metropolitan Agency for Planning located at 233 S. Wacker Drive, Chicago, Illinois, 60606.

Respectfully submitted,

A handwritten signature in black ink that reads "Amy Talbot". The signature is written in a cursive, flowing style.

Amy Talbot
CMAP Staff Liaison

5-05-09