

**LONG ISLAND COMMISSION ON AQUIFER PROTECTION
JOINT SUBCOMMITTEE MEETING NOTES**

April 22, 2015

**SUFFOLK COUNTY WATER AUTHORITY
260 Motor Parkway, Hauppauge, NY**

The following topics were discussed at this meeting.

Geothermal Presentation by P.W. Grosser & Associates

“Geothermal Energy Chapter of LICAP Groundwater Management Plan”

John Rhyner and Paul Boyce of P.W. Grosser and Associates gave a presentation on geothermal heating and cooling systems, as a preliminary to the chapter they are working on for the Sustainable Groundwater Management Action Plan. Included in the presentation was a case study involving a very large system that was built for Amneal Pharmaceuticals in Yaphank. For this system, they were requested by the Suffolk County Water Authority to perform both groundwater flow and thermal modeling in order to assess the potential impacts of the geothermal system on the SCWA’s nearby Station Road well field. The presentation, and this case study in particular, clearly described many of the considerations that may need to be included in the design and construction of these systems going forward.

The Power Point presentation will be emailed to the Joint Subcommittee Members. Follow-up questions and answers are to be submitted thereafter.

Timeline for Sustainable Groundwater Management Action Plan

Carrie Gallagher discussed the timeline for completion of the Plan, and distributed copies to the members for discussion. Jared Hershkowitz suggested that certain topics, even in their draft form, be made available to the public as they become ready, as long as they are approved by the members for release as drafts.

Draft Outline for Sustainable Groundwater Management Action Plan

A draft outline of the Plan was then discussed. It will be distributed to Joint Subcommittee Members for review and feedback, as well as discovery of missing categories. Steve Colabufo will fill in the draft outline with roadmap categories and it will be re-circulated with a deadline date for comments.

Orphan Topics

Numerous topics to be included in the Plan do not yet have authors for them (known as “orphan topics”). Final assignments of orphan topics will be made at LICAP’s June Meeting. Prior to the meeting, Michael Alarcon volunteered to report on the Lloyd aquifer moratorium, which had been an orphan topic until then.

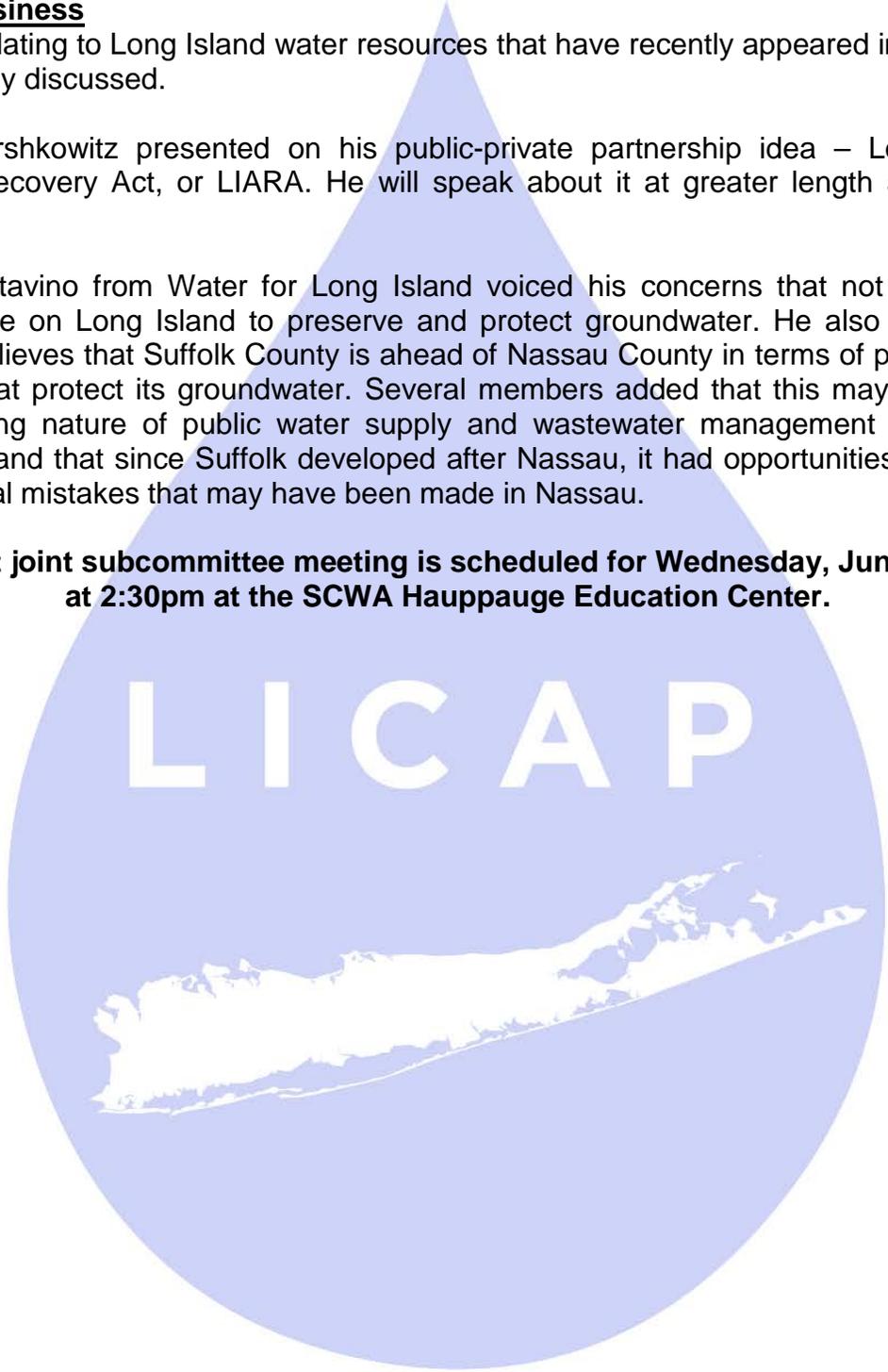
Other Business

Articles relating to Long Island water resources that have recently appeared in Newsday were briefly discussed.

Jared Hershkowitz presented on his public-private partnership idea – Long Island Aquifer Recovery Act, or LIARA. He will speak about it at greater length at a future meeting.

Gerald Ottavino from Water for Long Island voiced his concerns that not enough is being done on Long Island to preserve and protect groundwater. He also mentioned that he believes that Suffolk County is ahead of Nassau County in terms of policies and actions that protect its groundwater. Several members added that this may be due to the differing nature of public water supply and wastewater management in the two counties, and that since Suffolk developed after Nassau, it had opportunities to correct some initial mistakes that may have been made in Nassau.

The next joint subcommittee meeting is scheduled for Wednesday, June 3, 2015 at 2:30pm at the SCWA Hauppauge Education Center.

The logo for LICAP (Long Island Commission on Aquifer Protection) is a large, light blue circle. Inside the circle, the letters "LICAP" are written in a bold, white, sans-serif font. Below the text is a white silhouette of the state of Long Island, showing its characteristic shape with the North Fork and the South Fork. The background of the circle is a solid light blue color.

LICAP

Long Island Commission
on Aquifer Protection