

LONG ISLAND COMMISSION FOR AQUIFER PROTECTION

MINUTES

MARCH 9, 2022

THIS MEETING WAS HELD VIRTUALLY DUE TO THE COVID-19 VIRUS

ATTENDEE

REPRESENTING

| | |
|-------------------|---|
| Paul Granger | Chairman, and Representative for the Long Island Water Conference |
| Jason Belle | Nassau Suffolk Water Commissioners Association Representative |
| Angela Pettinelli | Nassau County Commissioner of Health |
| Brian Culhane | Suffolk County Soil and Water Conservation District |
| Walter Dawydiak | Suffolk County Commissioner of Health |
| Michael White | Suffolk County Legislature Presiding Officer |
| Chris Ostuni | Nassau County Legislature Presiding Officer |

EX-OFFICIO MEMBERS

| | |
|-------------------|---|
| Chris Schubert | USGS |
| Jennifer Pilewski | NYSDEC |
| Sarah Meyland | Nassau County Legislature Minority Leader |

NON-VOTING MEMBERS

| | |
|--------------------|---|
| Seth Wallach | SCWA |
| John Milazzo | Counsel to SCWA/LICAP |
| Brittany Palillo | SCWA |
| Ty Fuller | SCWA |
| Tim Kilcommons | SCWA |
| Jason Hime | Suffolk County Department of Health |
| Stephen Terraciano | USGS |
| Leslie DeSimone | USGS |
| Brian Schneider | Attendee |
| Glynis Berry | Peconic Green Growth |
| Adrienne Esposito | Citizens Campaign for the Environment |
| Ralph Atoria | South Farmingdale Water District |
| Henry Bokuniewicz | SBU |
| Alyssa Turano | Office of Legislator Kara Hahn |
| Michael Flaherty | Department of Public Works, Nassau County |

Members of Citizens Campaign for the Environment were also in attendance.

PUBLIC COMMENT: No Comments.

Mr. Granger opened the meeting and thanked everyone for attending. Members of the Board and ex-officio members of the Board introduced themselves.

Mr. Granger then presented the minutes of the Meeting of December 8, 2021, for approval. On motion made by Mr. White, and duly seconded by Mr. Culhane, and unanimously carried, the minutes of the meeting held on December 8, 2021, were approved.

Mr. Granger then referred to the State of the Aquifer report for 2021. Comments received from the report will be addressed in the 2022 State of the Aquifer report. On motion made by Mr. White, duly seconded by Mr. Culhane, the 2021 State of the Aquifer was approved.

Mr. Granger then introduced Mr. Ty Fuller for an update regarding finances. In October, LICAP received a total of \$100,000 in grant funding from Nassau and Suffolk Counties. The remaining balance as of now is \$54,300.28, with the expenses standing at \$45,699.65. Many expenses were part of OWOL promotion including web hosting and design charges. Mr. Fuller elaborated by discussing the Water Quality Protection and Restoration Program and Land Stewardship Initiatives. This grant is focused on an identification program for potentially hazardous disposal sites. LICAP was approved for grant, and the program has not begun yet. Mr. Fuller called for the organization of a working group, alongside the collaboration of Cornell university Institute for Resource Information Sciences (IRIS). Mr. Dawydiak provided contacts for Suffolk County for the working group including Legislator Kara Hahn and Legislator Sarah Anker.

Mr. Dawydiak announced his support for this program. Mr. Fuller stated that the input of the Department of Environmental Conservation and other agencies is welcome to create as thorough a program as possible. Counsel Mr. Milazzo stated that there would be in-depth legal research and data for this project. Counsel thanked both Nassau and Suffolk County for their involvement in obtaining the funding for Nassau and Suffolk Counties.

Mr. Granger then introduced Mr. Wallach to discuss the Groundwater Resources Management Plan update previously prepared by Mr. Motz. Mr. Wallach discussed progress on LICAP's plans to optimize well operations near shorelines to minimize saltwater intrusion and develop of a regional groundwater model for Long Island. Mr. Wallach announced that the OWOL interns are compiling a list of water conservation strategies, including tiered pricing, that will be shared with all members shortly. Mr. Wallach then described a seminar for landscape and irrigation professionals that was hosted by SCWA, LICAP, IANY and Hunter at the end of February to educate landscapers and irrigators and give them best practices. Additionally, Mr. Wallach stated that meetings would be held in the near future with LI Town and Village officials regarding water reduction measures for them to incorporate into land use decisions. A letter to facilitate these meetings is currently being worked on by SCWA's Government Relations Coordinator, Mr. Dubois. Mr. Wallach stated the need for state funding on several projects including groundwater monitoring, plume ID and monitoring, guidelines for geothermal systems, and Nassau DPW monitoring wells.

Mr. Granger introduced Mr. Kilcommons to present on SCWA's plan for North Fork pipeline. Mr. Kilcommons reviewed the various efforts of distribution improvements to relieve overworking areas. Mr. Kilcommons also reviewed new storage efforts as well as a new tank in Laurel that allows for 1,500 gallons per minute of pumping in Laurel. Mr. Kilcommons stated that an intermunicipal grant of approximately 11 million will also assist with this project on the East End.

Mr. Granger then introduced Ms. DeSimone to review the LI Groundwater Sustainability Project. Ms. DeSimone stated USGS is in the process of finalizing details of scenarios for phase one, and review drafting will begin in the fall. Mr. Granger stated that if funding was an area of interest, now is the time to begin the process.

Mr. Granger then introduced Mr. Schubert and Ms. DeSimone of USGS to present 'Mapping Groundwater Quality on Long Island, NY, with Machine-Learning Models.' Ms. DeSimone reviewed machine learning methods and models, which show where compounds are likely to be found. Ms. DeSimone stated that in 2019, after meeting with SCWA, 1,4-dioxane and manganese were areas of interest, and reviewed other

explanatory variables. Ms. DeSimone reviewed the Long Island modeling data of manganese in wells, as well as 1,4-dioxane in wells. Ms. DeSimone elaborated on the overview of modeling and mapping steps, as well as the maps of areas of detection on Long Island. Ms. DeSimone stated these models are preliminary and can be improved upon in a variety of ways.

Mr. Granger asked for public comment, none was received.

Mr. Granger announced that the next meeting is scheduled for Wednesday June 8th, 2022.

As there was no further business to be considered, on motion made by Mr. White, duly seconded by Mr. Culhane, the meeting was adjourned at 11:09 a.m.