



NEW JERSEY WATER SUPPLY AUTHORITY

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Minutes of the Meeting of the
New Jersey Water Supply Authority
April 1, 2019

A regular meeting of the New Jersey Water Supply Authority was convened on April 1, 2019 at 2:00 P.M. in the Conference Room of the New Jersey Water Supply Authority's Clinton Administration Building, located at 1851 Route 31, Clinton, New Jersey.

As designated by Catherine R. McCabe, Commissioner New Jersey Department of Environmental Protection and Chair New Jersey Water Supply Authority, Patricia Ingelido, Assistant Director, Division of Water Supply and Geoscience, served as Acting Chair of the meeting and called the meeting to order.

Deputy Attorney General Jung Kim read the statement required by the "Open Public Meetings Act".

Executive Director Beth Gates took the roll call of the Authority members.

Present: Patricia Ingelido
Susan Blew - by phone
Ellsworth Havens
Robert Iacullo
Steven Picco
Shing-Fu Hsueh - by phone

A quorum existed for the transaction of Authority business.

Interested Parties Present:

Oleg Kostin, New Jersey American Water
Dan Losik, Township of East Brunswick
David Brogle, Middlesex Water Company
Dave Shope, Resident

Authority Staff Present:

Beth Gates, Executive Director
Susan Buckley, Director Administration and Finance
Marc Brooks, Chief Engineer
Paul McKeon, Director Manasquan Water Supply System/D&R Canal

Kenneth Klipstein, Director Watershed Protection Programs
Julie Shelley, Permit/Property Administrator
Michelle Rollman, Finance & Accounting Analyst
Craig Ambrose, Assistant Counsel, Authorities Unit - by phone
Jung Kim - Deputy Attorney General

APPROVAL OF THE MINUTES

Acting Chair Ingelido opened the meeting by asking for the approval of the minutes of the March 4, 2019 meeting. Mr. Iacullo moved for the approval of the minutes as prepared and this motion was seconded by Mr. Picco. The minutes of the March 4, 2019 meeting were approved by the Board.

EXECUTIVE DIRECTOR'S REPORT

Ms. Gates welcomed Ms. Ingelido who will be sharing the duties of Acting Chair of the Authority Board with Jeffrey Hoffman.

Ms. Gates reminded the Board that financial disclosure statements are due by May 15 and that she is required to certify that all have been filed by that date.

Ms. Gates noted that all of the 2018 Canal dredge material has been removed from the staging area, tested and accepted by Wyeth Holdings for the capping of the American Cyanamid site.

Ms. Gates also noted that Jung Kim will be leaving her position as Deputy Attorney General for a new opportunity and thanked Ms. Kim for her service to the Authority.

COMMUNICATION/CORRESPONDENCE

Ms. Gates stated that there were no communications or correspondence received.

UNFINISHED BUSINESS

Mr. McKeon reported on the Manasquan Reservoir System and the Manasquan Water Treatment Plant/Transmission System. Mr. McKeon stated that everyone has a copy of the Operations Report for the Manasquan System. Mr. McKeon noted that operations and water quality have been normal for the Manasquan system.

Mr. McKeon noted that the Supervising Plant Operator is retiring at the end of this month after 30 years with the Authority. One of the existing Operators with 25 years with the Authority has been promoted to replace him.

Mr. McKeon stated that a new air handler was installed at the Water Treatment Plant. Mr. McKeon noted that the recent inspection of a primary coagulant fiberglass storage tank found it to be in excellent condition. Electrical switchgear testing and cleaning was completed in the last month and all items discovered to be outside of acceptable operating range or potential safety issues are being addressed.

Mr. McKeon stated that a new dam instrumentation monitoring and data collection computer is being installed this week by a contractor. Many of the piezometers are also being replaced and historical data from the old system will be migrated into the new system.

Mr. Brooks reported on the Raritan Basin System. Mr. Brooks stated that everyone has a copy of his report. As of April 1, the Spruce Run Reservoir was at elevation 271.95 or 96.0 percent of capacity and Round Valley Reservoir was at elevation 374.9 or 86.4 percent of capacity. The combined capacity was 88.0 percent, while the typical capacity for this time of year is 92.8 percent.

Mr. Brooks noted that active dredging in the Canal is complete for the season. Transportation of material to the final disposal site, which included approximately 75,000 tons or 3,000 truck trips, was completed last Wednesday, March 27. Tree removal in the reaches of the Canal targeted for dredging this year was completed last Thursday, March 28. Mr. Brooks stated that approval has been received from the Army Corps to begin dredging in May this year instead of July which will increase the window from four to six months.

Mr. Brooks discussed the Round Valley Reservoir Dams Rehabilitation and Resource Preservation Project. The Round Valley Grouting project is expected to begin in mid-April. The Authority advertised for bids in February for dredging the channel near the South Dam Tower. A pre-bid meeting was held on March 20 and bids are due on April 11. Mr. Brooks anticipates having a resolution before the Board at the May meeting to authorize the dredging construction contract award with notice to proceed likely in mid-June.

Mr. Brooks noted that the "ninety-five-percent" drawings for the major embankment work were received in mid-March. Authority staff have completed their review. The Dam Safety, the TRB, and Owner's Engineer are still working on their review. Mr. Brooks stated that the Authority anticipates going out to bid for the embankment work this summer for a fall start and major construction work to take place starting next spring at the Dike.

Mr. Klipstein reported on the Watershed Management Program. Mr. Klipstein stated that everyone has a copy of his report. Mr. Klipstein stated that he had nothing to add to his written report.

NEW BUSINESS

Ms. Shelley provided the background information on the resolution authorizing the Executive Director to vacate an Island Farm Weir flowage easement along the Raritan River on Block 303, Lot 16.04, Borough of Manville, Somerset County. Ms. Shelley stated that the weir was constructed in the 1990's on the Raritan River at the confluence with the Millstone River in Bridgewater and Franklin Township, Somerset County. Construction of the Island Farm Weir caused some increase in the water surface elevation in some upstream areas, necessitating the purchase of some access and flowage easements. Ms. Shelley stated that in 2016, the New Jersey Department of Environmental Protection ("DEP") Green Acres program purchased the lot for the purpose of preserving the property as open space and for the conservation of natural floodplain functions. Staff recommends granting the request by DEP to vacate the easement as the property must remain undeveloped and the need for the easement has been eliminated.

Mr. Picco moved the resolution authorizing the Executive Director to execute the Easement Termination Agreement to terminate the flowage easement on Block 303, Lot 16.04 in the Borough of Manville, Somerset County, New Jersey. Mr. Havens seconded this motion. All Authority members approved of this resolution.

Mr. McKeon provided the background information on the resolution authorizing the Executive Director to enter into a contract for the replacement of 40,000 pounds of Granular Activated Carbon at the Manasquan Water Treatment Plant, Wall Township, Monmouth County. Mr. McKeon stated that one third of the Granular Activated Carbon ("GAC") is typically replaced every three or four years. The function of the GAC is to absorb dissolved organic material and as a safeguard for taste and odors. Mr. McKeon noted that the Authority advertised for bids and received three bid packages, each from vendors with which the Authority has done prior business. The low bid from Carbon Activated Corporation was found to be in compliance with the requirements of the technical specifications.

Mr. Havens moved the resolution authorizing the Executive Director to enter into a contract with Carbon Activated Corporation of Blasdell, New York for the replacement of 40,000 pounds of Granular Activated Carbon at the Manasquan Water

Treatment Plant for a lump sum of \$42,000.00. Mr. Iacullo seconded the motion for the Resolution. All Authority members approved the Resolution.

Mr. McKeon provided the background information on the resolution authorizing the Executive Director to enter into a contract for check valve replacement and additional piping improvements at the Manasquan Water Treatment Plant, Wall Township, Monmouth County. Mr. McKeon stated that Authority staff identified the need to replace the piping and check valve on distributive pump #2. Mr. McKeon described additional pipe work and improvements that will be included under the project specifications. Mr. McKeon noted that a consulting engineer was not involved in this project because the work is similar to that designed for Pumps 1 and 3 in 2014. Six bids were received in response to the Authority advertisement. The low bid from Municipal Maintenance Co. of Cinnaminson, New Jersey, was found to be in compliance with the requirements of the technical specifications.

Ms. Blew moved the resolution authorizing the Executive Director to enter into a contract with Municipal Maintenance Co. of Cinnaminson, New Jersey for check valve replacement and additional piping improvements at the Manasquan Water Treatment Plant, Wall Township, Monmouth County for a lump sum cost of \$59,443.00. Dr. Hsueh seconded this motion. All Authority members approved of this resolution.

Mr. Klipstein provided the background information on the resolution awarding a contract for the 2019 Manasquan Reservoir Hydrilla Treatment Pilot Program. Mr. Klipstein stated that the Authority has been working with a consultant, Princeton Hydro, to develop a comprehensive aquatic plant and algae management plan for the Manasquan Reservoir while also implementing an early detection and rapid response approach to managing aquatic invasives, in particular hydrilla. A pilot program was undertaken in 2018 to evaluate the effectiveness of the systematic herbicide Sonar H4C in a four-acre demonstration area surrounding the Manasquan Reservoir boat launch. Mr. Klipstein stated that the Authority plans to expand the pilot program in 2019 to include an additional six acres in the northwest corner of the reservoir to be treated using a different fluridone formulation labeled SonarOne.

Mr. Klipstein stated that the Authority advertised for bids to engage a qualified contractor to conduct herbicide applications using Sonar H4C in a four-acre demonstration area; conduct herbicide applications using SonarOne in a six-acre demonstration area; collect water samples for herbicide concentrations

throughout the management season; and conduct contingency herbicide applications of Komeen Crystal as necessary. One bid proposal was received in the amount of \$76,798.22 from Solitude Lake Management of Washington, New Jersey. The Bid was considered to be responsive in accurately estimating the level of effort required to implement the treatments and monitoring necessary for the 2019 Manasquan Reservoir pilot hydrilla treatment.

In response to a question by Mr. Picco, Mr. Klipstein stated that the per-unit cost is consistent with the prior year bids.

Mr. Picco moved the resolution authorizing the Executive Director to enter into a contract with Solitude Lake Management of Washington, New Jersey for the application of herbicide and conducting a sampling program for the 2019 Manasquan Reservoir Pilot Hydrilla Treatment Program for a reimbursable cost not to exceed amount of \$76,798.22. Mr. Iacullo seconded the motion for the Resolution. All Authority members approved the Resolution.

COMMITTEE REPORTS

- (a) Personnel - no report
- (b) Finance - no report
- (c) Audit - no report
- (d) Public Participation - no report
- (e) Capital Projects - no report
- (f) Insurance - no report
- (g) Watershed Lands Acquisition - no report

PUBLIC COMMENT

Mr. Shope introduced himself as the owner of a farm in Lebanon Township. Mr. Shope inquired about the use of Source Water Protection Funds for land acquisition purposes. In response, Ms. Gates described the distribution of funds between land acquisition, specifically debt service, and other watershed purposes and agreed to forward a breakdown of Source Water Protection Fund costs.

EXECUTIVE SESSION

There was no need for an Executive Session.

ADJOURN

Mr. Havens moved to adjourn the meeting. Mr. Picco seconded the motion. All Authority members approved the motion. The meeting was adjourned at 2:23 P.M.

I hereby certify this to be a true and original copy of the April 1, 2019 New Jersey Water Supply Authority meeting minutes.

Michelle Rollman

Michelle Rollman
Finance & Accounting Analyst