

Regular meeting of the Board of Commissioners of the Plainview Water District was held via telephone conference on Tuesday, August 25, 2020.

Present: Marc B. Laykind, Chairman
Andrew Bader, Treasurer
Amanda R. Field, Secretary
Stephen Moriarty, Superintendent
Dina Scott, Business Manager
James Neri, Engineer
Sujata Pal, Engineer
Andrew Gagnon, ZE Creative Concepts

The meeting was called to order at 5:30 pm.

Correspondence was reviewed in the Board update.

The Board approved and signed payroll checks.

Minutes of previous meeting(s) were read and approved unanimously.

Commissioner Laykind opened by stating that today's meeting is being held via teleconference once again pursuant to the Governor's executive order. The meeting was noticed on the District's website indicating that a phone line is available for public participation. He is happy to report that all Plainview Water District employees are safe and well as we continue to take all precautionary measures to ensure everyone's health and safety. Commissioner Laykind stated the District is trying and expects to get back to live Board meetings in the very near future.

ENGINEER'S REPORT – ENGINEER:

Engineer Pal provided the Board with a Project Status List which contains the status of all authorized projects to date and indicates a change in status of any ongoing projects. Said items were reviewed and discussed with the Board in detail.

Engineer Pal reported that she is scheduled to conduct a walk through with the general and plumbing construction contractors for consideration of the completion of final punch list items for the Plant No. 1 treatment project. Engineer Pal also reported that the electrical contractor is working to start up electric at the Plant site at the end of this week.

Engineer Neri reported that H2M architects & engineers is working on surveying and design for the Plant No. 3 drainage work. Engineer Neri also reported that the second round of comment responses were provided to the Nassau County Department of Health for the Plant No. 3 interim Advanced Oxidation Process (AOP) treatment project on August 19, 2020.

Engineer Neri reported that Granulated Activated Carbon (GAC) disinfection and flushing are pending for the Plant No. 7 interim AOP treatment project. All sampling required for the NYS and Nassau County Departments of Health have been conducted and we are awaiting results for finalization of performance testing.

Engineer Neri reported one of the first Trojan Technology AOP Flex 100 reactors was recently approved by the NYS and Nassau County Departments of Health, allowing this neighboring District to bring their AOP system online. Engineer Neri reported this is positive news as we continue to await approval by these departments for the Plant No. 2 AOP interim treatment facility, with additional AOP treatment facility requests for approval forthcoming.

ANDREW GAGNON'S REPORT – PUBLIC INFORMATION FIRM:

Andrew Gagnon reported that he is working with Supt. Moriarty on updates to the emerging contaminants and backflow portions of the District's webpage in accordance with previous discussion and updates that have taken place.

Andrew Gagnon reported that a draft of the postcard mailer which provides details of the efforts put forth by District to remove 1,4-Dioxane from drinking water was previously provided. The Board agreed to review and consider the most appropriate and effective timing of delivery of the mailer.

STEPHEN MORIARTY'S REPORT – SUPERINTENDENT:

Supt. Moriarty reported that copies of the 2019 Annual Quality Water Report were given to the Plainview Old Bethpage Library for distribution now that they have reopened to the public. Certification of such has been made to both the NYS and Nassau County Departments of Health.

Supt. Moriarty presented the Board with a letter inquiry received from the Plainview Fire Department for antenna placement on the District's elevated storage tank in an effort to secure more efficient and effective radio readings. The Board proposed several related inquiries to Engineer Neri and requested Supt. Moriarty obtain additional information for their consideration.

Supt. Moriarty reported that he is updating the District's vehicle summary schedule for the Board's review in consideration and support of budgeting needs for vehicles as part of the 2021 operating budget.

Supt. Moriarty provided the Board with an update on alkalinity levels in the distribution system at the end of July 2020 noting results are favorable.

Supt. Moriarty reported that the variable frequency drive for Booster A at Plant No. 2 has failed and requires replacement. Replacement of the variable frequency drive will be conducted by Wire to Water who is the specialized professional service provider for electrical well contract items. Upon discussion, the Board approved Supt. Moriarty's recommendation to engage Wire to Water to replace the variable frequency drive for a booster pump at Plant No. 5 in the amount of \$13,985.00 as they are the specialized professional service provider for the District's electrical well contract items.

Supt. Moriarty reported that pump D of the Plant No. 5 booster pump was found to have a noticeable vibration. Layne Christensen who is the well and booster pump requirements contract holder conducted troubleshooting on the pump and found that the bearing housings were damaged and causing wearing conditions on the pump shaft. Total cost for parts to repair the pump are \$4,500.00 plus the cost of labor in accordance with the requirements contract previously bid. Supt. Moriarty stated that it is imperative to have Plant No. 5 fully operational at all times. Supt. Moriarty requested Board approval to repair the pump. The Board approved Supt. Moriarty's request as the repair is in accordance with the previously awarded well and booster pump requirements contract.

Supt. Moriarty and Ms. Scott presented a memorandum regarding the District's standardization of Trojan UV Flex 100, low pressure high output ultraviolet light and hydrogen peroxide AOP systems including the reactors, control panels, hydrogen peroxide feed systems and associated accessories. At length discussion took place regarding the various reasons supporting Supt. Moriarty and Ms. Scott's recommendation. Ms. Scott reported that District's counsel confirmed that the General Municipal Law authorizes standardization of equipment when in the best interest of the District. In addition, Engineer Neri submitted a written memorandum to the Board recommending that the District standardize upon the Trojan AOP system for the reasons stated.

After reviewing Supt. Moriarty and Ms. Scott's recommendation and concurring with same, and upon motion made by Commissioner Laykind, seconded by Commissioner Bader, the stated resolutions which are annexed hereto were adopted unanimously.

Supt. Moriarty presented the Board with a memorandum of recommendation regarding approval for a change order to a previously approved purchase order to Trojan Technologies for a chemical pump skid upgrade for the Plant No. 1 AOP treatment project. This upgrade was required to accommodate the high system pressures experienced at this site as directed by the NYS Department of Health. The total increase of the change order is \$6,664.00. After at length discussion, the Board approved Supt. Moriarty's recommendation.

Motion made by Commissioner Laykind, seconded by Commissioner Bader, the below stated resolution was adopted unanimously:

RESOLVED, that the Board of Commissioners approves change order submitted by Trojan Technologies for a chemical pump skid upgrade as directed by the NYS Department of Health for the Plant No. 1 AOP treatment at a cost of \$6,664.00.

Supt. Moriarty presented the Board with a memorandum of recommendation regarding approval for change orders to previously approved purchase orders to Trojan Technologies for chemical tank leak/level monitoring tank restraints for the Plant Nos. 1, 2, 3 and 7 AOP treatment projects. These items are required to satisfy the NYS Department of Health conditions and approval to operate the AOP systems. The total increase to each of the respective change orders is \$7,918.75. After at length discussion, the Board approved Supt. Moriarty's recommendation.

Motion made by Commissioner Laykind, seconded by Commissioner Field, the below stated resolution was adopted unanimously:

RESOLVED, that the Board of Commissioners approves change order submitted by Trojan Technologies for chemical tank leak/level monitoring tank restraints as directed by the NYS Department of Health for the Plant No. 1 AOP treatment project at a cost of \$7,918.75.

RESOLVED, that the Board of Commissioners approves change order submitted by Trojan Technologies for chemical tank leak/level monitoring tank restraints as directed by the NYS Department of Health for the Plant No. 2 AOP treatment project at a cost of \$7,918.75.

RESOLVED, that the Board of Commissioners approves change order submitted by Trojan Technologies for chemical tank leak/level monitoring tank restraints as directed by the NYS Department of Health for the Plant No. 3 AOP treatment project at a cost of \$7,918.75.

RESOLVED, that the Board of Commissioners approves change order submitted by Trojan Technologies for chemical tank leak/level monitoring tank restraints as directed by the NYS Department of Health for the Plant No. 7 AOP treatment project at a cost of \$7,918.75.

Supt. Moriarty presented the Board with a memorandum of recommendation regarding approval for the purchase of District-wide spare parts to Trojan Technologies as part of standard operating procedures and as directed by the NYS Department of Health. Although the District has several reactors, the spare parts quantities requested are based on one reactor and are to be used as required at any of the District's AOP Plant sites. The total cost to purchase the spare parts required is \$36,805.65. Ms. Scott reported that the purchase of these parts will be procured in accordance with this evening's previously approved standardization resolution. After at length discussion, the Board approved Supt. Moriarty's recommendation.

Motion made by Commissioner Laykind, seconded by Commissioner Bader, the below stated resolution was adopted unanimously:

RESOLVED, that the Board of Commissioners approves purchase of District-wide spare parts to Trojan Technologies as part of standard operating procedures and as directed by the NYS Department of Health at a cost of \$36,805.65 as procured in accordance with the District's recently approved standardization resolution for Trojan UV Flex 100, low pressure high output ultraviolet light and hydrogen peroxide AOP systems including the reactors, control panels, hydrogen peroxide feed systems and associated accessories.

Supt. Moriarty presented the Board with a memorandum of recommendation regarding approval for change orders to previously approved purchase orders to EFI Solutions for the enclosure roll up door modifications for the Plant Nos. 2, 3 and 7 AOP treatment projects. This modification was required to accommodate equipment accessibility. The total increase to each of the change orders is \$2,889.00. After at length discussion, the Board approved Supt. Moriarty's recommendation.

Motion made by Commissioner Laykind, seconded by Commissioner Field, the below stated resolution was adopted unanimously:

RESOLVED, that the Board of Commissioners approves change order submitted by EFI Solutions for the enclosure roll up door modifications for the Plant No. 2 AOP treatment project at a cost of \$2,889.00.

RESOLVED, that the Board of Commissioners approves change order submitted by EFI Solutions for the enclosure roll up door modifications for the Plant No. 3 AOP treatment project at a cost of \$2,889.00.

RESOLVED, that the Board of Commissioners approves change order submitted by EFI Solutions for the two (2) enclosure roll up door modifications for the Plant No. 7 AOP treatment project at a cost of \$5,778.00.

DINA M SCOTT'S REPORT – BUSINESS MANAGER:

Vendor check nos. 52212 through 52227 dated August 19, 2020 in the amount of \$45,271.50 were previously reviewed, approved and signed by the Board.

Ms. Scott requested Board approval and authorization to transfer funds to cover the following dental claim costs:

- Dental claims dated August 18, 2020 in the amount of \$310.00

Motion made by Commissioner Laykind, seconded by Commissioner Bader, the below stated resolution was adopted unanimously:

RESOLVED, that the Board of Commissioners approves the dental claims dated August 18, 2020 in the amount of \$310.00 and the Board authorized funds be transferred into the District's dental benefit account.

Ms. Scott presented a report of customer billing adjustments that were made in accordance with District Policy. After discussion, the report was ordered filed. In addition to the adjustments made within the District's Policy limits, Ms. Scott requested the Board's approval to remove penalties assessed to 1082 Old Country Road in the amount of \$124.00 in accordance with District policy. The Board approved Ms. Scott's request.

Ms. Scott presented the Board with a COVID Screening Questionnaire to be completed by all guests upon entry to the District's administrative building. The Board agreed to review the Questionnaire and provide feedback.

Ms. Scott reported that she has submitted to the Board for their review and consideration a draft of the 2021 Financial Budget. The Budget is due to the Town of Oyster Bay on Monday, September 21, 2020 and the Budget Hearing is scheduled for Thursday, September 3, 2020 at 5:00pm. Commissioner Laykind expressed the Board's gratitude to Ms. Scott and Supt. Moriarty for their hard work on the preparation of the budget, noting improvements year over year in their short tenure with the District.

Ms. Scott will present the remainder of her report in executive session as it relates to personnel and a leave of absence.

On the motion of Commissioner Laykind, seconded by Commissioner Bader, the Board went into Executive Session at 7:05 pm to personnel and a leave of absence. The Board emerged from Executive Session at 7:40 pm with no minutes produced and no action taken.

There being no further business to come before the Board, the meeting was adjourned with a call to the Chair at 7:55 pm.

STATE OF NEW YORK)
COUNTY OF NASSAU) ss.:
PLAINVIEW WATER DISTRICT)

We, the undersigned, Commissioners of the Plainview Water District, Town of Oyster Bay, Nassau County, New York, do hereby certify that the above-mentioned and contained is a true copy of the minutes of a meeting of the Board of Commissioners held in the District office on Tuesday, August 25, 2020.


IN WITNESS WHEREOF, we have hereunto set our hands and affixed the seal of the Plainview Water District on this day of September, 2020.



MARC B. LAYKIND, CHAIRMAN



ANDREW N. BADER, TREASURER



AMANDA R. FIELD, SECRETARY

**EXCERPTS FROM THE MINUTES OF THE MEETING OF
PLAINVIEW WATER DISTRICT OF AUGUST 25, 2020**

**STANDARDIZATION RESOLUTION FOR TROJAN UV FLEX 100
ADVANCED OXIDATION PROCESS SYSTEMS**

After discussion and due consideration, and upon motion duly seconded, it was resolved that the following preamble and resolution be adopted:

WHEREAS, on July 30, 2020, the Public Health and Health Planning Council adopted new regulations under the State's Sanitary Code establishing a Maximum Contaminant Level for potable water at 1 part per billion ("ppb") for the contaminant 1,4-Dioxane; and

WHEREAS, in December of 2018 the New York State Water Quality Council had previously recommended the 1 ppb standard to the Public Health and Health Planning Council; and

WHEREAS, the Public Health and Health Planning Council accepted the Water Quality Council's recommendation of 1 ppb for 1,4-Dioxane on July 8, 2019; and

WHEREAS, at that time, the District initiated proactive planning and preparation for the potential adoption of the formal regulations by issuance of an emergency resolution declaration on July 30, 2019; and

WHEREAS, pursuant to that emergency resolution declaration, the District tasked its Engineer and Superintendent to research and investigate the most effective method of treating 1,4-Dioxane to reduce levels in the raw water of several of its wells to meet these proposed new regulations in a timely manner; and

WHEREAS, the Engineer and Superintendent previously reported to the Board that the only two Advanced Oxidation Process ("AOP") treatment systems approved to date by the New York State Department of Health were located in Bethpage Water District and in the Suffolk County Water Authority, both of which were manufactured by Trojan Technologies Group; and

WHEREAS, the Engineer and Superintendent further reported to the Board that they had conducted nearly a dozen pilot studies of multiple treatment technologies; and

WHEREAS, the Engineer and Superintendent had previously recommended to the Board that the Trojan UV Flex 100, low pressure high output ultraviolet light and hydrogen peroxide AOP system ("Trojan AOP system") is the most effective treatment technology currently available to the District; and

WHEREAS, based upon that recommendation, the District has purchased six (6) Trojan AOP systems to treat approximately 50% of the District's distribution capacity deploying same at four (4) of its impacted facilities; and

WHEREAS, the Engineer and Superintendent report successful performance testing of three (3) Trojan AOP system full scale reactors with performance testing currently being conducted on the additional three (3) Trojan AOP systems purchased; and

WHEREAS, on August 14, 2020, the Engineer submitted a written memorandum to the Board (annexed hereto) recommending that the District standardize upon the Trojan AOP system and associated equipment as this protocol would allow the District to:

- 1- achieve and maintain operational consistency;
- 2- permit the District's staff to familiarize themselves with the same AOP equipment/operations having similar controls and standard operating procedures, thus simplifying both training and routine operations with respect to this specific technology thus minimizing operational errors;
- 3- secure and stock an inventory of uniform original equipment manufacturer spare parts, as to date, replacement parts from alternate suppliers have not been verified to meet or exceed the treatment and operational goals established in the respective designs; and

WHEREAS, District's counsel had informed the Board that the General Municipal Law authorizes standardization of equipment when in the best interest of the District:

NOW THEREFORE, under the authority vested in the District under General Municipal Law §103, Subdivision 5 and in consideration of the above recitals;

Be It Unanimously

RESOLVED, that it is in the best interest of the District to standardize its acquisition of Trojan UV Flex 100, low pressure high output ultraviolet light and hydrogen peroxide AOP systems including the reactors, control panels, hydrogen peroxide feed systems and associated accessories.