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**CITY OF NORWALK  
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL  
VIDEOCONFERENCE AND TELECONFERENCE  
REGULAR MEETING  
October 17, 2022**

Attendance: Darren Oustafine, Chairman  
Barbara Smyth  
John Bove  
Chris Mannella  
Thomas Livingston

Staff: Vanessa Valadares, Interim Chief of Operations and Public Works

Others: Vanessa McPherson, ARCADIS  
Mary Penny, ARCADIS  
Kelsey McCutcheon, Verrill Dana, LLP

**1. CALL TO ORDER**

Mr. Oustafine called the meeting to order at 5:30PM.

**2. APPROVE THE MINUTES FROM WPCA MEETING HELD ON SEPTEMBER 19, 2022 (COPY INCLUDED)**

**\*\* MS. SMYTH MOVED TO APPROVE THE MINUTES AS SUBMITTED.**

**\*\* THE MOTION PASSED WITH FOUR (4) IN FAVOR AND (1) ABSTENTION- MR. LIVINGSTON.**

**3. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AMENDMENT TO THE JANUARY 27, 2016, AGREEMENT WITH ARCADIS U.S., INC. IN THE AMOUNT OF \$3,000,000 AND EXTEND THE TERM OF THE AGREEMENT BY THREE (3) YEARS TO PROVIDE ADDITIONAL ON-CALL PROFESSIONAL ENGINEERING SERVICES IN ACCORDANCE WITH SCOPE OF SERVICES LETTER DATED OCTOBER 5, 2022. (COPY INCLUDED)**

**ACCOUNT NO. 09174062-5777-C0545 AND 091840620-5777-C0545**

Mr. Kolb said once the Facility Plan update is submitted to the DEEP the next step will be to go into design and this item is to bring ARCADIS on for an additional three years and have the amendment ready so when they get the authorization from the DEEP, they can begin the design. He said they will also be able to submit for Clean Water Funds.

**\*\* MR. BOVI MOVED TO APPROVE THE ITEM.**

**\*\* THE MOTION PASSED UNANIMOUSLY.**

**4. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AMENDMENT TO THE MARCH 3, 2021, AGREEMENT WITH BROWN AND CALDWELL, INC. IN THE AMOUNT OF \$3,000,000 AND EXTEND THE TERM OF THE AGREEMENT BY THREE (3) YEARS TO PROVIDE ADDITIONAL ON-CALL PROFESSIONAL ENGINEERING SERVICES IN ACCORDANCE WITH SCOPE OF SERVICES LETTER DATED OCTOBER 14, 2022. (COPY INCLUDED)**

**ACCOUNT NO. 09234062-5777-C0361**

Mr. Kolb said that Brown and Caldwell has completed the initial contract amount and the next steps for the Collection System Master Plan is to begin entering into design for the Hubbles Lane relief sewer, the elimination of the Ann Street emergency overflow, the catch basin disconnect program and over the next 20 years and the target rainfall derived I&I plan, so the additional funds for the extension on the Brown and Caldwell contract will allow staff to set up task orders for those projects and meet the requirements of the Consent Order.

**\*\* MS. SMYTH MOVED TO APPROVE THE ITEM.**

**\*\* THE MOTION PASSED UNANIMOUSLY.**

**5. AUTHORIZE THE INTERIM CHIEF OF OPERATIONS AND PUBLIC WORKS TO ISSUE ORDERS ON CONTRACT WITH KOVACS CONSTRUCTION CORPORATION FOR THE AERATION TANKS ELECTRICAL INFRASTRUCTURE IMPROVEMENTS PROJECT (WPCA 2021-4) FOR AN AMOUNT NOT TO EXCEED \$150,000.**

**ACCOUNT NO. 09174062-5777-C0545**

Mr. Kolb said Kovacs Construction is the contractor that is doing the phase I improvements at the wastewater treatment plant and are working on the punch list items and there are some items that will be added to the contract to improve the operation of the facility that will require the additional funding of \$150,000. He said that the work will mainly be to the SCADA system and Veolia currently does not have a fulltime electrician on staff.

**\*\* MR. BOVI MOVED TO APPROVE THE ITEM.**

**\*\* THE MOTION PASSED WITH FOUR (4) IN FAVOR AND (1) ABSTENTION- MR. MANELLA**

Mr. Kolb said that the Collection System Master Plan was submitted to the state and a copy was provided to everyone via email and is also on the city's webpage.

Mr. Livingston left the meeting at 5:40PM.

**6. DISCUSSION ON WPCF FACILITY PLAN UPDATE (PRESENTATION BY ARCADIS U.S., INC.)**

Ms. McPherson presented and said ARCADIS is assisting the WPCA on the update for the Facility Plan for the wastewater treatment plant. She said the update of the plan will include review existing and estimate future flows and loads, describe site updates and improvements since the 2009 facility plan update, review current treatment efficiency and capabilities, review current permit requirements, develop, and evaluate improvements and recommend alternatives for key focus areas that include the aeration system, final settling tanks and wet weather treatment. She said the current capacity of the wastewater treatment plant is 18MGD but there is an additional threshold which is 90% of the design flowrate which is 16.2% so according to the permit once the flows are at the 16.2 MGD mark that is when increasing the wastewater treatment plant capacity would need to be looked at , but based on the 12 month rolling average the wastewater treatment plant is operating at 12MGD which is way below the threshold of

looking at increasing the capacity and below the design flow rate of 18MGD. She said they will continue to analyze the flow and load data and also meet with Planning and Zoning this week to get an understanding from them about know development so that to be sure the wastewater treatment plant is operating well below the 16.2 MGD.

Ms. McPherson said the objectives of the aeration system will be to look at the blower sizing and technology, solids handling improvements and working together to select a technology that makes the most sense. She said as part of the process will also be confirming the extent of the upgrades to the aeration system.

Ms. McPherson said the objectives of the final setting tanks will be to do a condition assessment to be sure the tanks are viable and sound and determine the extend for the upgrade of the area and to work with the WPCA and Veolia to understand their current operation and present evaluations and provide recommendations to address to address challenges in the facility plan update.

Ms. McPherson said the last focus area is wet weather treatment and the facility plan update will evaluate vial and cost-effective measures to provide Outfall 002 the primary treatment or its equivalent. She said the focus will be to minimize O&M requirements, maximize cost-benefit, evaluate the footprint to best utilize the existing supplemental treatment building and to optimize chlorine demand on microbial loads. She said they will also discuss alternatives analysis with WPCA and Veolia and present alternatives in the facility plan update and provide recommendations.

Ms. McPherson said the facility plan update must be submitted to the DEEP for approval by June 30, 2023, and will be scheduling team workshops in the fall of 2022 through the spring 2023 and update the WPCA board through the winter and the spring to be able to hit the deadline.

Ms. Smyth left the meeting at 5:55PM.

## **7. Contract Operations Report:**

### **a. Veolia Monthly Operating Report – September 2022 (copy included)**

Mr. Kolb reported and said in September the collections team completed over 4.05 miles of TV inspection along with 5.31 miles of cleaning and eight manhole inspections. The IPP inspection program conducted 45 inspections and the wastewater treatment plant continued receiving septage from Stamford during their construction shut down.

Mr. Kolb said the average daily flow was 10.4 for the month and the 12 monthly rolling average was just over 11.5 MGD.

### **b. Orchard Street Sanitary Sewer Improvements Update**

Mr. Kolb said that Green Mountain Pipeliners was on site cleaning and televising the line and taking measurements for the liner. He said the installation of the liner is scheduled for November and is a three-phase lining approach.

- c. Major Repair or Replacement / Out of Scope Items: None

## **8. REPORTS**

- a. FY21/22 and FY22/23 Revenues/Expenditures MUNIS Report (copies included)

- 1) Transfer of Veolia balance (account no. 224062-5258) set aside in FY2021-22 to FY2022-23 in the amount of \$1,091,314.03 was completed

Mr. Kolb noted that there was a substantial transfer of almost \$1.1 million dollars for Veolia that were set aside from last year that were not spent.

- b. Collection System Master Plan Update (copy included)

Mr. Kolb said that the Collection System Master Plan was submitted to the state and a copy was provided to everyone via email and is also on the city's webpage.

- c. Financial Model Update (copy included)

Mr. Kolb said that there was a task order submitted to Woodard and Curran to update the financial model to include the Collection System Master Plan items that were identified along with the operating budget.

- d. Discussion on WPCA Projects:

- 2) Collection – Wall Street / 2 Knight Street Relocation and Improvements

Mr. Kolb said that Holzner is the contractor and have hit a three-week delay because they are working with the subcontractor on the rebar calculations due to having to shift the chamber and the calculations have been revised and the rebar has been ordered and will start the installation this week.

- 3) Collection – Sanitary Sewer System Rehabilitation – Various Locations

Mr. Kolb said there is a punch list of items that staff has been working on with Green Mountain Pipeliners and are working on getting a schedule to have it completed by the end of the year.

4) PS - Five Mile, Old Trolley Way, Karen Dr., and Woodward Ave. Rehabilitation

Mr. Kolb said there is a meeting scheduled for Wednesday with Kovacs Construction and will have a report at next month's board meeting but do to supply chain issues the projects will be going into next year.

5) PS – Bell Island PS Improvements

Mr. Kolb said a bypass chamber is ready to be installed on top of the force main and will be meeting with Kovacs Construction tomorrow to get a schedule date and will work with the association to be sure they know when the work will be commencing. He said once that work has been completed the Veolia team will be installing the pumps and new valves on the pump station.

6) WWTP – Aeration Tanks Electrical Infrastructure Improvements

Mr. Kolb said that Kovacs Construction has been working on the electrical improvement project for the aeration tanks that has gone very well and is up and running and he is very pleased.

7) SCADA Upgrade Phase III (copy included)

Mr. Kolb said there are some items that Kovacs Construction will be working on, and Aaron Associates is the programmer and through ARCADIS have identified \$75,000 for the instrumentation of the programming.

e. Sewer Use Bill Appeals/Adjustments Update

1) Appeal status

Mr. Kolb said the appeals to date are Appeals to date are \$39,341.00

f. Information Copies:

1) CWF Application Submitted (letters included)

There was no discussion.

## **9. ADJOURNMENT**

**\*\* MR. BOVI MOVED TO ADJOURN.  
\*\* THE MOTION PASSED UNANIMOUSLY.**

The meeting adjourned at 6:08PM.

Respectfully submitted,

Dilene Byrd