

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY
July 20, 2009**

Attendance: Darren Oustafine, Chairman
Lewis Clark, Vice Chairman
Fred Wilms
Faye Bowman
Andrew Conroy

Staff: Hal Alvord, DPW Public Works Director
Ralph Kolb, DPW Wastewater Systems Manager
Dilene Byrd, WPCA Secretary

Others: Rick Lavoie, CH2MHill, OMI
Catherine Mallon Traynor, Vice President, Malcolm Pirnie
Lonnie Metzler, Malcolm Pirnie
John Achenbach, Black & Veatch

1. CALL TO ORDER

Chairman Oustafine called the meeting to order at 5:35PM

9. REPORTS

- a. FY08-09 Revenues/Expenditures Report (MUNIS report included)
No discussion.
- b. WWTP Phase I Upgrade Project Update
 1. Completed DEP Agreement Table (table included)
Mr. Alvord said that the agreement with the DEP was that if the bids came in 4% or more below the construction estimate there would be no cap on the Clean Water Fund eligibility. He said that all of the bids have been opened and they came in at 17% below the construction estimate.
 2. Summary of Bids
Mr. Alvord said there were 19 different trades' packages and they were opened in a series of three openings.
 3. DEP Approval of Plans and Specifications (letter included)
Mr. Alvord said that the DEP has approved the plans and specifications and they have determined that all of the project, with the exception of \$479,000 is eligible for Clean Water Fund grants and loans. He said that the \$479,000 is a cost that they attribute to the administrative area in the building, which they have determined not to be eligible. He said that the \$479,000 will be the WPCA's local share.

4. CWF Application Letter (letter included)
Mr. Alvord said that Mr. Kolb hand delivered the Clean Water Fund application to the DEP on the morning of June 30, 2009.

Mr. Conroy arrived at 5:45PM

5. P&Z Approval Letter (letter included)
Mr. Kolb said that Planning and Zoning approval for the expansion of the Wastewater Treatment Plant was received on June 17, 2009.

Ms. Bowman arrived at 5:50PM

- c. Norwalk River Interceptor Project Update
Mr. Kolb said that Hemlock Pipe Jacking Company has completed the pipe jacking work on the section of pipe that collapsed at Oyster Shell Park. He said that Spiniello will come in and line the pipe once the upstream pipe jacking work is completed. He said that the Hemlock has discovered a cavern underneath the chemical warehouse floor at King Industries. He said it was determined that the best approach will be to excavate within the warehouse down to the pipe, install gravel, and pipe jack on top of the gravel. He said following the pipe jacking that gravel will be installed all the way to grade, and then paved within the warehouse. Mr. Conroy asked how long the pipe had been there. Mr. Kolb said that it was installed in 1929. Mr. Conroy asked when the last time the pipe was looked at. Mr. Kolb said in the late 1980's and early 1990's. Mr. Conroy asked if any soil testing has been done to determine if the chemicals from the warehouse has caused the damage to the pipe. Mr. Alvord said that has not yet been done. Mr. Conroy requested that soil testing be done.
- d. Sewer Use Appeals/ Adjustments Update
 1. Appeal Status
Mr. Kolb said to date that seven adjustments have been made for a total of \$7,365
- e. Information Copies
 1. NACQA Newsletter
No discussion.

2. APPROVE THE MINUTES FROM WPCA MEETING HELD ON JUNE 15, 2009. (COPY INCLUDED)

- ** MR. CLARK MOVED TO APPROVE THE MINUTES
- ** MOTION PASSED UNANIMOUSLY

3. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AND AGREEMENT WITH BLACK & VEATCH IN THE AMOUNT OF \$110,000 FOR PROFESSIONAL SERVICES RELATED TO RENEWABLE ENERGY IN ACCORDANCE WITH SCOPE OF WORK DATED JULY 13, 2009. (COPY INCLUDED)

ACCOUNT NO90. 09064062-5777-CO362

Mr. Clark asked why these funds are being spent on something that has no immediate value to the City of Norwalk. He said that in phases II and III of the Wastewater Treatment Plant upgrade extra power will be needed and there is no mention of what that power will be. Mr. Wilms asked

why this is being done. Mr. Alvord explained that every option is being looked at to find cost effective ways to generate power that can contribute to the operation of the Wastewater Treatment Plant. Mr. Kolb said that this proposal was requested because once the Wastewater Treatment Plant upgrade is complete; the demand is going to more than double for electricity. Mr. Wilms asked if it is known how much money will be saved as a result of this study. Mr. Alvord said "no". Mr. Wilms asked if this scope of work was bid out. Mr. Alvord said "no" and that a qualification based selection process was used. Mr. Clark requested changing the scope of work to reflect the needs of Norwalk. Mr. Wilms requested that a letter be sent to the Board members outlining the process and rationale of the scope of work, and asked if obvious things in the scope of work can be removed that will never be used. Mr. Alvord said "yes" but not being experts on what the possibilities may be that he did not want to exclude anything and wants to look at every possibility. Mr. Conroy asked if part of the analysis will include an assumption of what the current barrel price of oil is. Mr. Achenbach said "yes". Mr. Conroy requested that the Board review any estimates provided and have concurrence that the estimate is correct.

**** MR. CLARK MOVED TO APPROVE THE ITEM TO INCLUDE THE ACCURACY OF THE OIL PRICE AND MR. WILMS REQUEST FOR A LETTER FROM THE DIRECTOR EXPLAINING THE SCOPE OF WORK IN DEPTH.**

**** MOTION PASSED UNANIMOUSLY**

4. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY (WPCA) TO EXECUTE AN AGREEMENT WITH CPE SERVICES IN THE AMOUNT OF \$34, 800 FOR PROFESSIONAL SERVICES TO EVALUATE THE FINAL SETTLING TANKS IN ACCORDANCE WITH THE SCOPE OF WORK DATED JULY 1, 2009 (COPY INCLUDED)

THIS IS A SOLE SOURCE PROCUREMENT. CPE SERVICES IS A NATIONALLY RENOWNED COMPANY ON CLARIFIER EVALUATION AND PERFORMANCE.

ACCOUNT NO. 224062 5298

Mr. Clark asked why there is no reference to or mention of nitrogen removal in the proposal. Mr. Kolb said this proposal was not related to nitrogen removal, and is related to the solids handling at the Wastewater Treatment Plant. He said the goal is to maximize performance of the final clarifiers which will indirectly improve nitrogen performance.

**** MR. CLARK MOVED TO APPROVE THE ITEM**

**** MOTION PASSED UNANIMOUSLY**

5. AUTHORIZE THE CHAIRMAN OR THE VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY (WPCA) TO EXECUTE AN AGREEMENT WITH OMI, INC. FOR SERVICES RELATED TO THE REHABILITATION OF THE FORT POINT PUMP STATION FOR A SUM NOT TO EXCEED \$453,135 IN ACCORDANCE WITH PROPOSAL DATED APRIL 7, 2009. (COPY INCLUDED)

**ACCOUNT NOS. 0903-4060-5777-C0256, 0906-4062-5777-C0360, 0907-4062-5777-C0360
0908-4062-5777-C0256**

Mr. Alvord said that the Board had requested that competitive bids be received on the component parts in which has now been done, and are included in the Board package.

**** MR. WILMS MOVED TO APPROVE THE ITEM
** MOTION PASSED UNANIMOUSLY**

6. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY (WPCA) TO EXECUTE ANY AND ALL DOCUMENTS BETWEEN THE WPCA AND THE PROPERTY OWNERS OF 41 AND 45 HIGHLAND AVENUE, NECESSARY FOR THE TEMPORARY RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT AGREEMENT FOR THE PROPOSED LOW PRESSURE SANITARY SEWER EXTENSION PROJECT ON HIGHLAND AVENUE AND WILSON AVENUE.

7. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY (WPCA) TO EXECUTE ANY AND ALL DOCUMENTS BETWEEN THE WPCA AND THE PROPERTY OWNERS OF 41 AND 45 HIGHLAND AVENUE, NECESSARY FOR THE CONSTRUCTION OF APPURTENANT EQUIPMENT, TRANSFER OF OWNERSHIP OF THE APPURTENANT EQUIPMENT AFTER CONSTRUCTION AND TRANSFER OF THE REMAINDER OF MANUFACTURER'S LIMITED WARRANTY FOR THE GRINDER PUMPS FOR THE PROPOSED LOW PRESSURE SANITARY SEWER EXTENSION PROJECT ON HIGHLAND AVENUE AND WILSON AVENUE

Mr. Alvord said these are the four property owners on Highland Avenue that are going to be connected to the sanitary sewer system. He said that two of the property owners have changed, and that new easement documents had to be generated for those two particular properties. He said that the project will still go forward as planned and that a contractor has been selected.

**** MR. CONROY MOVED TO APPROVE ITEMS 6 AND 7
** MOTION PASSED UNANIMOUSLY**

8. APPROVE THE CITY OF NORWALK SANITARY SEWER SERVICE MAP (COPY ATTACHED)

Mr. Wilms asked why this needs the approval of the WPCA. Mr. Alvord said because it needs to be submitted to the DEP and they require approval from the Board.

**** MR. WILMS MOVED TO APPROVE THE ITEM
** MOTION PASSED UNANIMOUSLY**

10. CONTRACT OPERATIONS REPORT

a. Public Works Director Report:

1. Contract Operations Status- Annual Inspection Report (representatives from Malcolm Pirnie to attend, copy included)

Ms. Metzler said from a conditions standpoint everything that needs improvement has been identified in either MRR or capital improvement projects. She said that ten of the 22 pump stations were visited. She said there have been no permit exceedances and that nitrogen removal was exceeded beyond the general limit which meant revenue for the City of Norwalk. She said that OMI, Inc. had contracted an outside contractor to TV the collection system and that they are performing well within their requirements and are exceeding in performance. She said that the things that need to be addressed have been discussed and the improvements are scheduled. She said this is a draft report and will address any issues or comments received from the Board and issue a final document at the next months Board meeting. She said in the executive summary that she needs to change the sentence that states there were several daily maximum reporting exceedances for chlorine because this was incorrect and that OMI, Inc. has complied with all the limits and that she will correct that on the final report.

2. Odor Issues

Mr. Kolb said that there was one odor complaint received in the area of 100 East Avenue, which was found not to be related to the Wastewater Treatment Plant. Mr. Lavoie said that his staff investigated the call but based on the location which is approximately 1.1 miles away from the Wastewater Treatment Plant, and there is no pump station in that area, it is highly doubtful the odors were coming from the Wastewater Treatment Plant. Mr. Wilms asked once a call is investigated if the caller gets a response back. Mr. Lavoie said "yes" provided he has the contact information.

b. OMI Report

1. Monthly Operating Report – June 2009 (copy included)

Mr. Lavoie said that there was a major rain event in June, and for the first time this year the Wastewater Treatment Plant went into storm flow from June 18, 2009, through June 19, 2009, for approximately 13 hours. He said that all samples were taken. He said there were no issues with treatment performance, but there were some mechanical failures due to the high flow, and that both bar screens that come into the Wastewater Treatment Plant went down. He said that bar screens are scheduled to be replaced in Phase I of the Wastewater Treatment Plant upgrade but he is recommending purchasing the arm system on one of the bar screens because when it is off line it can potentially cause a back up in the system during a heavy rain event.

Mr. Lavoie said there was a storm event on Bouton Street in which the storm lines over flowed and that he and Mr. Kolb are further investigating. He said that the Ann Street siphon overflowed for a period during the high flows. He said he had the records and charts from when it was rebuilt last year so he knew at what point it started going over, and it was called into the DEP.

Mr. Lavoie said that prior to the rain event there was an 8" collapsed line on Goodrow Street that was repaired and is back in service. He said that nitrogen fell into band "D". He said he is currently not using the Micro C chemical but beginning next week will be

doing another trial for an additional 2 months, because at this point the results are inconclusive. He said that flow meters will be installed on the secondary clarifier in August.

3. ADJOURNMENT

**** MR. CONROY MOVED TO ADJOURN**

**** MOTION PASSED UNANIMOUSLY**

The meeting adjourned at 6:55PM

Respectfully Submitted,

Dilene Byrd

