

**CITY OF NORWALK  
WATER POLLUTION CONTROL AUTHORITY  
May 18, 2009**

Attendance: Darren Oustafine, Vice Chairman  
Mayor Moccia  
Fred Wilms  
Lewis Clark  
William Krummel  
Faye Bowman  
Andrew Conroy  
Frederika Bikakis-Hajian

Staff: Hal Alvord, DPW Public Works Director  
Lisa Burns, DPW Operations Manager  
Ralph Kolb, DPW Wastewater Systems Manager  
Tom Hamilton, Finance Director

Others: Rick Lavoie, CH2MHill, OMI  
John Frank, Shell fisherman

**1. CALL TO ORDER**

Vice Chairman Oustafine called the meeting to order at 5:32PM

**2. APPROVE THE MINUTES FROM WPCA MEETING HELD ON APRIL 20, 2009. (COPY INCLUDED)**

**\*\* MR. WILMS MOVED TO APPROVE THE MINUTES  
\*\* MOTION PASSED  
\*\* ONE ABSTENSION- MR. CONROY**

**3. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AGREEMENT WITH CDM FOR PHASE I CSO/WET WEATHER PRELIMINARY TREATMENT SYSTEM CONSTRUCTION PHASE SERVICES FOR A SUM NOT TO EXCEED \$1 MILLION DOLLARS IN ACCORDANCE WITH PROPOSAL DATED (COPY TO BE PROVIDED AT MEETING.**

**ACCOUNT NOS. 09 07 040 4062 5777 C0359  
09 09 040 4062 5777 C0444**

Ms. Burns distributed the finalized scope of work from CDM and said she is moving quickly on this item so that it will be in place for when the Clean Water Fund application goes in for reimbursement by the June 30, 2009, deadline. She said that Norwalk is under contract for services with CDM during construction and this is for standard services during construction for Phase I of the WWTP upgrade. She said it is for a not to exceed amount of \$1 million dollars

and will only be paying them based on the hours that they work and is a cost plus fixed fee. Mr. Hamilton asked if for some reason an agreement is not met with the State regarding the construction management approach if the contracts are going to be signed before that decision is made. Ms. Burns said the way the contracts are written is they are not enforced until the Clean Water Funding is signed. Mr. Wilms asked if the contract is reviewed by the WPCA Board. Ms. Burns said "no" it will go directly to Scott Ornstein who provides contract work for the WPCA but that the Chairman or Vice Chairman does sign the contract.

**4. BE IT RESOLVED THAT IT IS IN THE BEST INTERESTS OF THE WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK ON ENTER INTO CONTRACTS WITH THE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR PHASE I CSO/WETWEATHER PRELIMINARY TREATMENT SYSTEM CONSTRUCTION PHASE SERVICES. IN FURTHERANCE, OF THIS RESOLUTION, JOHN ATKIN, THE CHAIRMAN IS DULY AUTHORIZED TO ENTER INTO AND SIGN SAID CONTRACT ON BEHALF OF THE WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK. THE CHAIRMAN IS FURTHER AUTHORIZED TO PROVIDE SUCH ADDITIONAL INFORMATION AND EXECUTE SUCH OTHER DOCUMENTS AS MAY BE REQUIRED BY THE STATE OR FEDERAL GOVERNMENT IN CONNECTION WITH SAID CONTRACTS AND TO EXECUTE ANY AMENDMENTS, RESCISSIONS, AND REVISIONS THERETO.**

**\*\* MR. CONROY MOVED TO APPROVE THE ITEMS 3 AND 4**

**\*\* MOTION PASSED UNANIMOUSLY**

**5. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY 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)**

Mr. Kolb said that the Fort Point Pump Station was originally built in 1929, and has received modifications over the years. He said that approximately 1 ½ years ago OMI, Inc. started experiencing significant issues with the pumps, but the way that the pump station is configured is old and no longer up to code. He said to replace the pumps, and bring it up to code would require significant modifications and dollars. He said that staff had asked Weston and Sampson to perform a study on what work would need to be done in order to ensure that the pump station continues to operate properly for the next 5 years when the capital improvements will be done. He said that they have identified \$1.5 million dollars of repair work to the station. He said that staff had met with them and asked at bare minimum what it would cost to continue to operate the pump station. He said that they identified pumps, piping and controls and that the total cost would be \$ 453,135 dollars, with OMI, Inc. overseeing the contract. Mr. Wilms asked if this is a band aid approach and if this will need to be re-visited anytime soon. Mr. Lavoie said this repair should provide trouble free operation for the 5-10 years that are needed for the long range plan to create a new pump station next to the existing one. Mr. Krummel asked what parts will be salvageable to use in the new pump station from this repair. Mr. Lavoie said a majority of the pipes, pumps and controls. Mr. Hamilton asked if a competitive bid process was used. Mr. Lavoie said that Weston and Sampson was already under contract doing work which was part of

the competitive bid, but that 3 proposals were not searched for. Ms. Burns said that Weston and Sampson will not be self performing all of the work and some of the work will be bid out. Mr. Hamilton said that since city capital budget money is being used to fund this project, that the regular city procurement requirements should be followed. Ms. Burns said that it could be required through the agreement with OMI, Inc. that all of the actual physical work be bid and awarded on a low bid basis. Mayor Moccia asked what the \$44,905 mark up is for. Ms. Burns said that anytime OMI, Inc. provides out of scope work for the city that they receive a profit which is defined in the contract.

Ms. Bowman arrived at 6:00PM

**\*\* MAYOR MOCCIA MOVED TO AUTHORIZE THE APPROVAL OF OMI, INC. AND WESTON & SAMPSON DESIGN GROUP WITH INSTALLATION SERVICES AND EQUIPMENT BE PUT OUT TO COMPETITIVE BID AND COME BACK TO THE WPCA FOR FINAL APPROVAL**

**\*\* MOTION PASSED UNANIMOUSLY**

**6. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AGREEMENT WITH JADE HORIZONTAL DIRECTIONAL DRILLING IN THE AMOUNT OF \$148,428.25 FOR THE PROPOSED LOW PRESSURE FORCE MAIN SANITARY SEWER SYSTEM TO BE CONSTRUCTED ON HIGHLAND AVENUE (PROJECT: WPCA 2008-2)**

**ACCOUNT NO. 0901-4060-5777-C0045, 0902-4060-5777-C0213, 0903-4060-5777-CO213, AND 0909-4062-5777-C0361**

Ms. Burns said this is for a sewer extension of a pressure force main on Highland Avenue, for 4 properties that have failing septic systems. She said it was designed in house by the city's engineering department and that Jade Horizontal is the low bidder. She said that the WPCA will collect their sewer assessments over a period of 10 years. Mr. Hamilton asked how the sewer assessment is determined. Mr. Alvord said that there is a formula that is used on how the resident's assessment gets determined, and the city only receives approximately 20% of the cost of the projects through the assessments. Mr. Hamilton asked if the assessment is based on the cost of the project. Mr. Alvord said "no". Mr. Hamilton said that the formula may need to be updated in the near future. Mr. Krummel asked if there are any properties further south that can anticipate failing systems. Ms. Burns said she would need to speak with Paul Sotnik regarding that because he did the design work. Mr. Krummel asked if there is any past experience with Jade Horizontal. Ms. Burns said "no" but this project will be managed through the DPW engineering department, and they will ensure their qualifications, and that their references check out. She said they will also require a larger bond because they are an out of state contractor.

**7. AUTHORIZE THE DIRECTOR OF PUBLIC WORKS TO ISSUE ORDERS ON CONTRACT WITH JADE HORIZONTAL DIRECTIONAL DRILLING IN THE AMOUNT OF \$14,843.83 FOR THE PROPOSED LOW PRESSURE FORCE MAIN SANITARY SYSTEM TO BE CONSTRUCTED ON HIGHLAND AVENUE( PROJECT: WPCA 2008-2.**

**ACCOUNT NO. 0909-4062-5777-C0361**

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

**8. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AMEDMENT TO THE AUGUST 14, 2006 AGREEMENT WITH CONESTOGA-ROVERS & ASSOCIATES IN THE AMOUNT OF \$60,000 TO PROVIDE ADDITIONAL ENVIRONMENTAL PROFESSIONAL SERVICES FOR REMEDIAL ACTIVITIES AT SANITARY SEWER PUMP STATIONS IN ACCORDANCE WITH A SCOPE OF WORK DATED MAY 12, 2009 (COPY INCLUDED)**

**ACCOUNT NO. 0908-4062-5777-C0256**

Mr. Kolb said this is a remediation project that has been on going for the past 5 years. He said the most recent clean up was at the Five Mile pump station and the excavation of the contaminated material was more than double of what they had anticipated. He said that the only pump station that is left to be done is on Old Trolley Way, but due to the original estimates from when they proposed, and the increase in the numbers for the excavation of the contaminated materials, they have resubmitted a proposal for the increased fee. He said that he added a 20% contingency of \$10,000, hoping not to have to come back to the Board for additional funds. Mr. Oustafine asked if this is a not to exceed amount. Mr. Kolb said "yes"

**\*\* MR. CONROY MOVED TO APPROVE THE ITEM  
\*\* MOTION PASSED UNNANIMOUSLY**

**9. AUTHORIZE THE FUNDING FOR CPE SERVICES IN AN AMOUNT NOT TO EXCEED \$2,300 TO CONDUCT A TECHNICAL SITE VISIT RELATED TO OPERATION OF THE FINAL CLARIFIERS IN ACCORDANCE WITH EMAIL DATED MAY 11, 2009. (COPY INCLUDED)**

**ACCOUNT NO. 224062 5298**

Mr. Kolb said that one of the biggest problems at the WWTP is with the clarifiers, and that the history over the past few years with the final clarifiers has been solids excursions. He said over the past few years that OMI, Inc. has done a good job to maintain solids within the clarifiers. He said the CPE Services is well known throughout the country in finding improvements that can be made to maximize performance of both the primary and final clarifiers. He said this is for a not to exceed amount and is a 1 day technical site visit to the WWTP. He said following the site visit they will go back and draft a scope of work which will be brought to the Board for approval.

**\*\* MAYOR MOCCIA MOVED TO APPROVE THE ITEM  
\*\* MOTION PASSED UNNANIMOUSLY**

**10. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO ENTER INTO A SANITARY SEWER PUMP STATION ACCESS AGREEMENT WITH 770 CONNECTICUT AVENUE.**

Mr. Kolb said that this is where the Five Mile pump station is located and they are currently modifying the site. He said that previously city employees and now OMI, Inc. employees have to actually drive in their driveway to gain access to the pump station. He said moving forward this is not the recommended procedure for maintaining the pump station. He said that Scott Ornstein has contacted their Attorney, and has drafted a maintenance access agreement so that City and OMI, Inc. employees can access, and maintain the pump station via their driveway. Mayor Moccia asked if there is any cost associated with this. Mr. Kolb said “no”

**\*\* MR. CONROY MOVED TO APPROVE THE ITEM  
\*\* MOTION PASSED UNANIMOUSLY**

**11. APPROVE THE CHANGES TO THE BYLAWS (COPY INCLUDED)**

Mr. Oustafine said that he had requested this item be added to the agenda because it has been over a year since the WPCA has been meeting on the third Monday rather than the second Monday in which the bylaws state. He said that on page 3, Article 6, Section 1, to change “second” to “third”. Mayor Moccia asked if that is the only change to be made. Mr. Wilms said that on Page 2, Article 4, Section 2 and on Page 3, Article 5, Section 10 to change “estimation” to “estimate”

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

**12. REPORTS**

f. Letter from Department of Environmental Protection Agency

Mr. Alvord distributed the letter from the Department of Environmental Protection and said they may concur with the use of construction management for the project. He said that they have proposed a process in which staff would compare construction management with the GC method, and determine what the percent of eligibility will be on Phase I, and whether or not the use of construction management will be able to be used on Phases II and III. He said that the basic concept is that there are 4 WWTP projects in Connecticut that have recently been bid, or soon to be bid, and their proposal is to take each of those projects and take the difference between the engineers estimate, and what the GC bid actually comes in at to determine a percentage below the engineers estimate, and take the sum of the 18 trade packages that Gilbane is advertising under the CM approach, and add those up to determine the percentage below the engineers estimate. He said if the GC bids come in with a greater reduction from the engineers estimate than construction management they would then cap Norwalk’s participation at 50% of that reduction. He said there is 1 project that staff does not think should be used as part of the benchmark, which is the West Haven project because the bids are not due back until

June 6, 2009, and that the estimates are too sporadic. He said that staff is suggesting that the Board authorize staff to continue negotiations with the Department of Environmental Protection. Mayor Moccia left at 6:45PM

a. FY 08-09 Revenues/Expenditures Report (MUNIS Report Included)

Mr. Conroy asked how the year end numbers are looking. Ms. Burns said that money will be added to the fund balance but that she is unsure at this time on how much. She said it will depend on the final number from the west side interceptor project.

b. Norwalk River Interceptor Project Update

Mr. Kolb said that Conte Construction is currently performing the excavation work, and that Norwalk Marine will be installing the sheeting and shoring this week. He said by the mid to end of next week that Hemlock will begin the pipe jacking. He said if anyone on the Board is interested in visiting the site to send him an email and he will coordinate with the contractor and Malcolm Pirnie.

c. Sewer Use Appeals/Adjustments Update

1. Appeal Status

Mr. Kolb said to date that \$404,293 has been made in adjustments.

d. Information Copies

1. Nitrogen Credits for 2008 (Copy Included)

Mr. Kolb said that Norwalk will be receiving \$170,820 worth of nitrogen credits.

e. Rate Bill

No discussion.

### **13. CONTRACT OPERATION REPORT**

a. Public Works Director Report:

1. Odor Issues

Mr. Kolb said that no odor complaints have been received. Ms. Burns said that next week the odor control system will need to be turned off for a short period of time for testing.

b. OMI Report

1. Monthly Operating Report- April 2009 (Copy Included)

Mr. Lavoie said that the effluent quality was very good for the month of April. He said that nitrogen fell into Band "D" and that the WWTP is back into full nitrification and partial de-

nitrification. He said that the Micro C dosage was increased last Monday. Mr. Lavoie said that the Red Zone TV project is now completed and they have done approximately 235,000 feet of TV work in the collection system.

2. Collection System and Pump Station MRR Accounts (Copy Included)

No discussion.

Mr. Frank said that he had sent the Chairman a letter regarding the solids excursion that occurred on March 14, 2009. He said he had not received a response back and asked what the cause of the solids excursion was, and that he did not receive notification until the following Monday. Mr. Lavoie said that there was a partial solids loss from only ¼ of the circumference of one clarifier for approximately 1 hour. He said that it was called into the Department of Environmental Protection, Aquaculture, and Health Department within the 2 hour time frame, and a hard copy was sent in the mail on Monday. Ms. Burns asked if there were any permit violations received. Mr. Lavoie said “no”. Mr. Frank asked how the control of a clarifier is lost. Ms. Burns said that an investigation of the clarifier operation is being done, and that staff is putting every effort possible into understanding clarifier performance issues. Mr. Lavoie said that the blankets are visually inspected each hour and physically measured every 3 hours by the operator. Mr. Wilms asked if anyone in the shellfish industry would want to visit the WWTP if Mr. Lavoie is willing to meet with them. Mr. Lavoie said “yes” and that he had met with a gentleman from a shell fishing establishment last week who had experienced problems. Ms. Bikakis-Hajian asked if the tanks were measured every hour, if this could have been prevented. Mr. Lavoie said “no”. Mr. Conroy asked if there is a failure in the de-chlorination process how that is known. Mr. Lavoie said there are alarms that sound on the equipment side, and a chlorine effluent sample is taken every hour by the operator. Mr. Wilms asked if the testing numbers are submitted to the Department of Environmental Protection and if they are public information. Mr. Lavoie said “yes”.

**14. ACTION ON ANY ITEM DISCUSSED HEREIN**

No discussion.

**15. ADJOURNMENT**

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

**\*\* MOTION PASSED UNANIMOUSLY**

The meeting adjourned at 7:15PM

Respectfully Submitted,

Dilene Byrd