TOWN OF VERNON
WATER POLLUTION CONTROL AUTHORITY

OFFICE OF THE
WATER POLLUTION
CONTROL AUTHORITY

8 PARK PLACE, VERNON, CT 06066
Tel: (860) 870-3699
Fax: (860) 870-3584

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MINUTES
WATER POLLUTION CONTROL AUTHORITY
SPECIAL MEETING

JULY 22, 2010 7:45 P.M. WASTEWATER TREATMENT PLANT

Attendees: John Anderson, Gary Leavitt, E. Ray Weaver and Adam Weissberger. Also present David R. Ignatowicz, Director, Water Pollution Control; Arnie Bevins, Assistant Director, Water Pollution Control; George Rostkowski, Business Manager; Peter Williams, Ellington WPCA Administrator and Jennifer Lachmayr, PE, Malcolm-Pirnie

CALL TO ORDER
The meeting was called to order at 7:45 p.m.

ESTABLISHMENT OF SEWER USER RATES
Mr. Weissberger, seconded by Mr. Weaver, made a motion to waive the reading of the legal notice. There was no discussion and the motion passed unanimously (3-0). Mr. Rostkowski provided septage history from the Town of Bolton and reported that septage from the Bolton Lakes area would be minimal. Mr. Rostkowski expressed concern about the decrease in overall flows. Mr. Ignatowicz provided details on the current status of the Bolton Lakes sewer project. Mr. Weaver, seconded by Mr. Leavitt made a motion that the Water Pollution Control Authority adopts a schedule of sewer user charges as heard at a Public Hearing held on July 22, 2010 (and as published in the Reminder News on July 6, 2010) for the last three months of the fiscal year ending June 30, 2010 and for the first nine months of the fiscal year ending June 30, 2011 and payable on October 15, 2010, January 15, 2011, April 15, 2011 and July 15, 2011. There was no discussion and the motion passed unanimously (3-0).

MINUTES OF THE REGULAR WPCA MEETING HELD ON JUNE 24, 2010
Mr. Weissberger, seconded by Mr. Weaver, made a motion that the Water Pollution Control Authority accepts the minutes of the regular Water Pollution Control Authority meeting held on June 24, 2010 as submitted. The motion carried (3-0).

TOWN OF VERNON CONTRACT #929-7/23/09 AIR DIFFUSER MODIFICATIONS
Mr. Ignatowicz explained that flange adapters need to be fabricated on every air header at the bottom of the existing drop legs in each of the four aeration tanks. At present, the air headers and flanges are constructed of stainless steel tubing material. The upgrade calls for stainless steel piping material to be used and pipe material cannot be welded directly to tubing material, Mr. Ignatowicz said. If this situation was known initially, the cost of these transition pieces would have been included in the original bid, he said. Mr. Ignatowicz said that an engineer's estimate for the cost of the upgrade was $730,000 and Kovacs bid was $603,000. The cost of this change order is 3.2% of the original contract cost. Ms. Lachmyr said that alternative materials had been looked at but they were not compatible; Mr. Bevins agreed with Ms. Lachmyr and said that appropriate material needs to be used. Mr. Weissberger asked why this situation had not been noticed and Mr. Bevins explained that aeration pipes are not typically looked

at; they are underwater and not usually cut. Mr. Anderson asked if the original contractor drawings showed such materials. Mr. Bevins and Mr. Leavitt said this level of detailed information is not usually shown on the construction plans. Both Mr. Bevins and Mr. Ignatowicz said that half of the cost of the change order should be realized from CL&P. Mr. Leavitt, seconded by Mr. Weaver, made a motion that the Water Pollution Control Authority approves proposed Change Order No. 1 as presented in an amount not to exceed $19,303.49. This change order will revise the original contract cost of $603,589.00 to a cost not to exceed $622,892.49. The motion passed unanimously (3-0).

WASTEWATER TREATMENT PLANT REPORT

Mr. Bevins reported that Tanks #5 and #6 are both online with the new diffusers and online controls have been running but still need to be adjusted. Mr. Bevins said that the daily cost to operate the air blowers is approximately $500 cheaper and the cost should continue to decrease as the months get cooler. Overall, changes in the processes at the treatment facility have improved due to the better sustained oxygen transfer. Mr. Ignatowicz said that plant flows have dropped and Mr. Rostkowski reported that Amberbelle flow is up 10%. Mr. Bevins said that he has been looking into a pilot project that involves a hydro-micro turbine which would allow for energy cost savings at the treatment facility.

Regarding the emergency repair of a 50,000 equalization tank, Mr. Ignatowicz said that there are two pin-hole leaks inside the tank which is constructed of ¼ inch thick steel. The carbon slurry is like liquid sandpaper, he said, and has eroded the tank underneath two steel mixers which are located inside the tank. To convert an existing tank to handle this process, Mr. Ignatowicz said that it would cost 20K-30K for the feasibility study alone. Mr. Ignatowicz said that two companies were contacted regarding repair of the tank, the first of which would cost $6,000 just to evaluate the tank and not include any repairs. Therefore, Mr. Ignatowicz recommended that AmTech Tank and Lining & Tank Repair to evaluate, and if the tank is viable, perform the repairs on the equalization tank. Mr. Bevins said the tank has been coated twice in the past fifteen years and Mr. Ignatowicz said that he is not convinced that another coating, at a cost of $18,960 is needed at this time. Mr. Anderson also expressed concern about the protective coating. Mr. Weaver, seconded by Mr. Leavitt, made a motion to approve an emergency repair of the equalization tank in the amount of $39,890 contingent upon the condition of the inspections that the tank is viable and suitable for said repair and that the work be done by AmTech Tank Lining & Tank Repair and that the bidding be waived based on the emergency. The motion passed unanimously (3-0).

ADJOURN

Mr. Weaver, seconded by Mr. Leavitt, motioned to adjourn the meeting at 8:36 p.m. The motion passed unanimously (3-0).

Respectfully submitted,

Lisa B. Yost, Secretary, WPC