

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
January 21, 2010**

Chairman Merancy called the Regular Meeting to order at 6:00PM with the following in attendance:

MEMBERS:

Ronald Merancy, Chairman
Rimas Balsys, Vice Chairman
Catherine Aresta, Secretary – absent
Steven Cote
Pat Mallane

OTHERS:

James Stewart, Director of Public Works
Rachel Brainard, Secretary
John Batorski, Veolia Water
Jon Hoisak, Veolia Water
Chris Makuch, Veolia Water
Kathleen Luvisi, ARI

1. Ronald Merancy opened the meeting with the Pledge of Allegiance. He welcomed new Commissioner Pat Mallane to the board.
2. **Acceptance of December 17, 2009 Regular Meeting Minutes.**

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Steve Cote to **ACCEPT** the December 17, 2009 regular meeting minutes with the addition of the meeting adjournment to be added.

3. Correspondence

Jim Stewart discussed the letter and invoice for 58 Bird Road regarding the lateral that the Borough did repairs on. The homeowner is asking to be reimbursed \$894.00 for their cost to Roto-Router. Mr. Stewart pointed out this was referred to the Commission by Ed Carter for them to determine whether or not to reimburse. Ron Merancy recommended denying the request because it is not current practice of the board. Jim Stewart stated the work was done in a private lateral which was very long. Commissioner Merancy noted the board's procedure for any work done to a lateral is the homeowner's responsibility. Mr. Stewart stated he will respond to them with a denial letter.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Steve Cote to **DENY** the request for reimbursement for homeowners at 58 Bird Road.

Jim Stewart handed out copies to the Commission of two correspondences he received from Veolia Water today. The first letter pertained to the expenses Veolia has incurred for compliance with CT DEP's Consent Order related to odor control. John Hoisak, Area Manager for Veolia, stated these were pre existing conditions and their attorney thought they should seek reimbursement for the cost incurred. They will sort out the details for 2009 costs as well as the forward costs. Jim Stewart said that ARI feels the odor cost is Veolia's responsibility. Steve Cote asked how much odor control repair was done in 2008 compared to 2009. Mr. Hoisak said it was a typical cost, based on the number of complaints for specific areas. They have put in a new system and gone above and beyond. Commissioner Cote said they had complaints in 2006, 2007, and 2008, and now they want us to be part of the responsibility. Jim Stewart said they will leave this matter for the consultants and the attorneys to look at.

The second letter Mr. Stewart presented to the Commission pertained to premiums paid by Veolia Water for providing property insurance coverage for the Naugatuck wastewater and incineration facilities. Mr. Stewart said he gave a copy of this letter to Wayne McAllister to review. Mr. Hoisak stated the property insurance is the Borough's responsibility. He said that Veolia can get a good rate and then pass it on to the Borough. Ronald Merancy felt that going forward the Borough should be involved in those

decisions, but they are not denying anything at this point. Jim Stewart stated they will look into this as well.

4. Water Pollution Control Plan Discussion/Possible Action

Jim Stewart stated he has put together and sent out a packet for the State and requested their input on it. He will schedule a meeting with them soon to get their opinions. He stated he spoke with Attorney Fitzpatrick who suggested the Commission go slow with this and that he wanted to be at the meeting tonight but couldn't make it. Attorney Fitzpatrick suggested modifying the standard conditions when there is an approval, possibly by stating the approval is good for 5 years or the time associated with other connected approvals. Jim Stewart stated he submitted the following items to the State; revised sewer area map, new WPCA Plan, Zoning Map, IW Map, Sewer Map of area, and Approval for various subdivisions. He is hoping by next month to have a meeting with the DEP and that Attorney Fitzpatrick will be able to attend the February WPCA meeting. This item was tabled until next month.

5. Planning Level Analysis for Proposed Improvements - ARI

Kathleen Luvisi, Senior Engineer for ARI presented to the Commission her report of Planning Level Analysis for Potential Improvements. She detailed the potential improvements that could be made including construction of new headworks and wet well, installation of bar rack, installation of grit chamber, phosphorus reduction in wastewater effluent, mercury control from incinerator air emissions, and repairs to sanitary sewer and why they are required. Ms. Luvisi also went over the impacts of these improvements on the WPCA budget for fiscal year 2011 through 2015. Ronald Merancy asked if it would be a shared cost. Kathleen Luvisi answered that the Borough is responsible, but it could be less if cost is received from Middlebury. Jim Stewart said the worst case scenario would be they will all happen and will be hit by all the costs at once. Commissioner Merancy asked if there was any recourse by potential income from customers because every other plant in their situation is going to have the same costs. Jim Stewart noted the wording in the contract was for maintenance and changes in the law. He stated these pertained to changes in the law. Chairman Merancy noted that income derived from the plant can not go into our general fund account; it would just reduce our cost.

6. Veolia Water

A. Summary of WWTF Operations for December.

John Batorski went through the report for December 2009 and noted there were 3 odor complaints in which the wind was blowing toward the plant. Steve Cote said he had mentioned last month the sewer line on Beacon Valley Road and asked if anything has been done or if it was checked. Mr. Batorski said they sent out collection guys to check it out. John Batorski introduced his new assistant Chris Makuch.

This report summarizes the activities at the Borough POTW for December 2009:

1. Highlights and Significant Issues:

The plant met all NPDES effluent limits.

2. Collection System Update:

Attached forms continue to be revised to reflect contractual obligations.

3. Plant Performance Summary:

Please see the attached reports for additional performance details.

Plant Process Data

Limit

Actual

Total Suspended Solids (mg/l)

Influent Avg.	-	176
Effluent Avg.	30	7
Removal Efficiency	85%	96%

Plant Process Data

Carbonaceous BOD

	Limit	Actual
Influent Avg.	-	106
Effluent Avg.	30	<2
Removal Efficiency	85%	99%

Plant Flow Data (as of 1/7/2010)

	Naugatuck	Middlebury	Oxford	OTR
Flow Avg. (MGD)	5.5	0.844	*	0.00
Sludge Liquid Total (MGal)				4.4
Sludge Cake Total (Dry Tons)				4.0
Septage Total (MGal)	44,000	19,000	125,250	0.887

*Not available at time of the report

Discharge Permit Exceedance:

None to report.

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	3	126
Unconfirmed Odor Complaints	3	16

Compliance & Regulatory Issues

1. The response for the Notice of Violation 16418 from CTDEP regarding the incinerator operation was sent to CTDEP on December 8, 2009.
2. Odor Consent Order update: Per Seng at CT DEP, the Odor Control Report is under review.
3. Mercury Consent Order 8282: No updates to report.

Health & Safety

1. A Veolia Technical Inspection took place during the month of November.
2. There were no Recordable Safety related incidents in December.
3. The Maintenance Shop continues to be cleaned and organized, this remains ongoing.

Operational Information

1. The incinerator was out of service Dec 18 through Dec 25. The outage was caused by the failure of several tubes in the primary heat exchanger. The heat exchanger was repaired and brought online December 25.
2. Operations overtime has increased due to scheduled vacations, the unanticipated incinerator outage, winter snowstorms, and safety related cleanup.
3. The removal of ash from the south lagoon ash is about 95% complete and the ash lagoon was placed in service Dec 31, 2009. Ash removal has stopped until spring of 2010.
4. The Inwood Avenue pump station phase loss transfer switch failed again to operate during a recent power failure. A replacement switch is ordered. The unit has a delivery of 6 to 8 weeks. All DEP reports were filed.
5. The AC for MCC#7 (next to the hot oil room) failed. A replacement AC unit is onsite and will be installed in 2 to 4 weeks. All energy related rebate forms have been approved by CL&P.
6. The primary tanks failed twice this past month. Heavy accumulations of grit were the problem. The grit damaged the primary tank cross collector flights.
7. The polymer tanks in the ADMIN Building are no longer in use. Previously staff had to manually mix batches of polymer and manually pump them to the feed tanks in the ADMIN building. That task has been eliminated with the installation of existing a Polyblend polymer system. Eventually, the polymer will be flow paced.
8. A second Polyblend system has been installed for the gravity belt thickener. That will allow a less expensive mannich polymer to be used as opposed to a more expensive emulsion polymer. Testing of this system will start in Jan 2010.
9. The control loop for the TDU weight is currently being calibrated. This change will allow a more uniform weight in the TDU which should help with the performance.
10. Due to problems with the startup/operation of the preheat burner, a written procedure is being developed by the APM. The procedure will be placed on a Help Screen on the SCADA system. The procedure will be complete with step-by-step instructions accompanied by digital photos with descriptive captions.

11. The primary effluent sampler has been electrically connected (less a flow signal). We will use the time base sampling mode until a flow signal is available for the composite sample.

Maintenance

1. Both of the recirculation pumps for aeration tank 3 failed as well as one of the recirculation pumps in aeration tank 6. One pump was sent to AEM for repairs on Oct. 28 with repair costs estimated at \$25,000. The remaining pump repair is estimated at \$33,966.05 (base repair plus \$2500).
2. Maintenance overtime increased to correct some of the safety related issues, mechanical problems and incinerator shutdown.
3. Eaton Equipment inspected the switchgear, capacitors and motor control centers. Their report is expected in January.
4. The J-Spin sent to Process Solutions in Texas for repairs is back on site. The unit will be installed in January 2009. Over \$6000 of new PLC parts were required as a result of moisture/hydrogen sulfide getting into the control panel for the centrifuge.
5. The chlorination/dechlorination system upgrades continue time permitting through the fall/winter season. Wireless transmitters are required for control signals from the Parshall Flume building to the Service Building. The goal is to be ready for the 2010 disinfection season.
6. The ID fan VFD drive does require replacement. The drive itself is obsolete and replacement parts (those we do not have) may be difficult to obtain. Currently, Sartron estimates that in addition to the spares on hand, an additional \$10,000 is required for parts we do not have. There is no guarantee the repairs will be effective. A new VFD installed by Sartron would cost \$30,000.
7. The Maintenance Manager will relocate his office to the Maintenance Shop. A room has been prepared in the shop for him. Room will be available for additional computers that will be used for the CMMS system.
8. The air dryer failed and a replacement dryer is on order.
9. The drive for the #1 sludge storage tank failed. The casting cracked. Repair/replacement options are being investigated.
10. The South Abel pump requires a rebuild. The repair should be scheduled in Jan/Feb 2010.

Public Relations

1. A letter (sample attached) was sent to the local schools on the attached list.

7. **VOTED:** Unanimously on a motion by Steve Cote and seconded by Rimas Balsys to **ADD** Budget FY 2010-2011 to the agenda.

Jim Stewart stated he has put together the proposed budget for FY 2010-2011 which is to be presented on February 8, 2010 to the finance board. He wanted to review it with the Commission. He noted that he has added a portion of his salary into the budget in hopes that Middlebury will cover it. He went over the collection fees and debt service items. He stated there is nothing listed for prior insurance cost coverage, but he does have a figure which he still needs to discuss with ARI and Wayne McAllister. Mr. Stewart said he will bring the proposed budget back to the next WPCA meeting and the Commission can then approve it.

8. **Adjournment**

VOTED: Unanimously on a motion by Steve Cote and seconded by Rimas Balsys to **ADJOURN** the meeting at 6:56 P.M.

Attest: Ronald Merancy, Chairman/RB