

WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
February 18, 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-absent
Catherine Aresta, Secretary
Steven Cote
Pat Mallane

OTHERS:

James Stewart, Director of Public Works
Rachel Brainard, Secretary
John Batorski, Veolia Water

1. Ronald Merancy opened the meeting with the Pledge of Allegiance.
2. **Acceptance of January 21, 2010 Regular Meeting Minutes.**
VOTED: Unanimously on a motion by Steve Cote and seconded by Pat Mallane to **ACCEPT** the January 21, 2010 regular meeting minutes as presented.
3. **Correspondence**
Jim Stewart went over the memo from CT Water dated February 16, 2010 regarding the drainage, cleaning, maintenance and inspection of the clarifiers at the W.C. Stewart W.T.P. for two days in March. Mr. Stewart reviewed the letter from Attorney Warren Hess regarding the Veolia Contract and odor controls. It is his opinion that odor control issues are covered in the contract between Veolia and the Borough of Naugatuck.
Jim Stewart stated the monthly meeting packets included the Tighe & Bond sewer rate study. Ronald Merancy asked why Naugatuck was included in it. Mr. Stewart answered because we currently bill other towns.
4. **Water Pollution Control Plan Discussion/Possible Action.**
Jim Stewart handed out copies of the letter from the State regarding the packet they received from him. He stated they basically agreed with most of the information he presented. They did however question the previously approved subdivision sections. He called the State and was told that it is not his place to decide. It either meets the plans or it doesn't meet the plan, and these areas do not meet the plan. He was told that the DEP was not going to do anything in the next 2 years and OPM is coming up with a new Plan of Conservation and Development for the State for 2012. He was told to continue doing what he was already doing. Mr. Stewart called OPM and set up a meeting with a representative and sent him a copy of the correspondence sent to the State so they are aware of what we are doing. He is assuming they can generate a map with what they have already talked about, and then once the State comes out with theirs they can submit modifications to it. Ron Merancy asked if we were leaning towards looking alright. Jim said yes, that there was no possible action as of now. He said he will meet with the Borough Attorney who will suggest a possible direction for them.
5. **Veolia Water**
 - A. **Summary of WWTF Operations - January**
John Batorski suggested setting up a meeting with the Borough in regards to the Odor Control. He went over the report. He noted that the plant is performing very well; there have been no odor reports and no accidents. Mr. Batorski noted the Nitrogen Trading Committee has funds available for nitrogen analyzers. He stated they could apply for nitrate and ammonia analyzer with the Commissions approval and can get up to \$30,000.00

VOTED: Unanimously on a motion by Steve Cote and seconded by Pat Mallane to **APPROVE** that Veolia submit an application to the Nitrogen Trading Committee.

This report summarizes the activities at the Borough POTW for January 2010:

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.	-	353
Effluent Avg.	30	<5
Removal Efficiency	85%	99%

Plant Process Data	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	180
Effluent Avg.	30	<2
Removal Efficiency	85%	99%

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

	Naugatuck	Middlebury	Oxford	OTR
Flow Avg. (MGD)	5.9	0.745	*	0.00
Sludge Liquid Total (MGal)				5.4
Sludge Cake Total (Dry Tons)				4.4
Septage Total (MGal)	49,370	10,000	70250	0.702

*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	0	0
Unconfirmed Odor Complaints	0	0

Compliance & Regulatory Issues

1. There has been no response from CT DEP regarding our response for the Notice of Violation #16418 on the incinerator.
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.
4. The Title V permit renewal packet was sent to CT DEP in November. A letter was received stating the renewal packet is under review.
5. The 4th QTR Opacity Audit, CEMS CGA, and Title V Compliance Certification reports were sent to CTDEP.
6. The annual 503 report and semi annual EPA Summary sent to USEPA, Region 1 in Boston.

Health & Safety

1. There were no Recordable Safety related incidents in January.
2. A Safety Meeting was held January 28 and January 29. This was a combination December/January meeting. The December meeting was cancelled because of the unscheduled incinerator outage. Photos were shown to the staff of items that needed corrective action.
3. The MSDS booklets are under revision.

Operational Information

1. A decision will likely be made in February for a replacement primary heat exchanger. It is anticipated to cost approximately \$650,000 to \$700,000.
2. The worn refractory in the venturi elbow was repaired on January 4, 2010. A subsequent inspection of the castable repair on January 25, 2010 indicates the repairs were successful.
3. Operations overtime has increased due to scheduled vacations, winter snowstorms, continued cleanup, and filling in for the Collections person out on short term disability (STD) for a non work related incident.
4. The Inwood Avenue pump station replacement phase loss transfer switch was installed on January 28, 2010.
5. United Alarms was contacted to repair some of the Collections pump station alarms.
6. The AC for MCC#7 was replaced in mid January. All energy related rebate forms have been approved by CL&P. An inspection by CL&P is being scheduled.
7. The replacement air dryer installation has also been scheduled. The dryer also has an energy grant rebate that was approved. An inspection by CL&P will be scheduled.
8. The primary tanks failed twice again in January due to heavy accumulations of rocks/grit. As a result, the primary tank drains are no longer fully operational. Efforts to high-pressure jet the drain were not completely successful. A video inspection revealed a large amount of

rocks inside the pipe. The rocks caught the jetting hose causing it to jam. A solution to this issue is being investigated.

9. The primary effluent composite sampler has been installed (less a flow signal) and is in use. A composite sample is being taken daily.

10. The west belt press main drive failed. The shaft on the variable speed drive cracked. The replacement cost approximately \$5000.

11. A written procedure was implemented to make certain any Collection related bypasses are reported immediately.

12. The new FRP cover for #2 thickener is due to arrive in March 2010. As such, we need to plan to inspect the rake, drive and weirs in that thickener.

Maintenance

1. An aeration tank recirculation pump was repaired for \$25,000. That pump was returned and placed in service this month.

2. Maintenance overtime increased because of mechanical problems, shop organization, and to fill in for the mechanic out on STD (non-work related issue).

3. Eaton Equipment inspected the switchgear, capacitors and motor control centers. The report recommendations are under review.

4. The J-Spin sent to Process Solutions in Texas for repairs is back on site. The unit is expected to be operational in March as other parts are required. Repairs and parts cost an estimated \$40,000.

5. Wireless transmitters for the chlorination/dechlorination system will be ordered in February to send the control signals from the Parshall Flume building to the Service Building. The goal is to be ready for the 2010 disinfection season.

6. The Maintenance Manager has relocated his office to the Maintenance Shop.

7. The drive for the #1 sludge storage tank failed. The casting cracked. Repair/replacement options are being investigated.

8. The Vaughn sludge transfer should be repaired in February as repair parts have finally arrived.

9. The South Abel pump has been totally rebuilt.

10. Maintenance is now entering their daily hours to be recorded in the new CMMS program. Work orders are being generated and assigned to the staff. This program is still in the development phase.

6. Additional items.

Jim Stewart stated we should wait to hold a public hearing on the State project. Mr. Stewart said he had a request from Rimas about re-scheduling next month's meeting and he will look into room availability.

Jim Stewart printed out a revised budget to review with the Commission. He stated nothing has changed.

7. Adjournment

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 6:21 P.M.

Attest Ronald Merancy, Chairman, rb