

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
May 20, 2010**

Chairman Merancy called the Regular Meeting to order at 6:01PM 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 March 25, 2010 Regular Meeting Minutes.**
VOTED: Unanimously On a motion by Catherine Aresta and seconded by Pat Mallane to **ACCEPT** the March 25, 2010 regular meeting minutes as presented.
3. **Correspondence**
Jim Stewart stated Mark Zimmermann had sent a letter to Attorney Hess regarding insurance premiums from Veolia. Veolia is looking for reimbursement for the insurance premiums paid. Ron Merancy explained to the Commission that the contract does state the Borough is responsible for the insurance cost. He stated that Veolia never came to the Borough with the price of the insurance before hand. He said that currently we are paying for the insurance ourselves. Jim Stewart agreed with Mr. Merancy and stated the new rate is less than half of what Veolia is asking, around \$56,000.00. Chairman Merancy said this will take some negotiation.
Jim Stewart stated there was a letter received from the State of CT regarding the modified permit of the Fluidized Bed Sewage Sludge Incinerator. John Batorski said this modification basically gets us out of Title V because we are now below the requirements of Title V. He noted it took around 5 months to get the language off the permit. Ron Merancy asked what the benefit of this modification was. Mr. Batorski said the biggest benefit is the permit fee and when you search for the biggest polluters, those listed under Title V are shown.
Mr. Stewart stated a letter was received from John Batorski regarding the primary tank drain modifications. Mr. Batorski explained that rocks have been coming in for years, but now when they drain the primary tanks those drains have become clogged with these rocks and is not an easy fix. These rocks are causing damage, we can fix the equipment, but now we can't drain the tank because it's clogged. This is what Veolia is calling an uncontrolled circumstance, because this is something we can't control. He said they have tried to jet by putting a high pressure jetter in there but the hose broke. Currently the plant is manually pumping tanks out with a gas pump, which may result as a source of odor. It

takes roughly around 12 hours to pump out this way. The cost is approximately \$50,000 to fix because they will need to dig in the road where the tank is located. Ron Merancy asked if part of the modification is to fix the jog. Mr. Batorski answered yes. Jim Stewart noted they will also be installing a grit chamber. Chairman Merancy asked if there was any way to prevent the rocks from coming in. John Batorski answered not without headworks. Mr. Stewart said it will have to be determined who will be responsible for this cost and he noted in the end we will need to install headworks. John Batorski stated you will not be allowed to upgrade the plant without the headworks which is needed for the DEP permit. He stated there was one in the plant at one time, but has since been removed before they took over.

4. Veolia Water

A. Summary of WWTF Operations - April

John Batorski went through the monthly report. He noted they are in the process of scheduling TVing of sewers and will repair those needed. They are currently integrating a GPS system which they will incorporate with the towns GIS. They will be certifying the collections men with the GPS system. Jim Stewart suggested setting up an appointment with Fred Agee to go over what information Veolia will need from him in order to get this up and running. Mr. Batorski stated that on April 29th there was an unexpected inspection from DEP and the cub scouts toured the plant that day as well. The plant received their first odor complaint today from Peg Sheehy. John said that he went down to the cemetery and could smell the river, but could not smell any other odor. He noted that this complaint will be in next months report. He said that he had sent a letter to DEP to update them on what was done on May 12, 2010 in regards to the consent odor 2048 update.

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

1. Highlights and Significant Issues:

The plant met all NPDES effluent limits.

2. Collection System Update:

Veolia's Underground Asset Manager, Jon Mongie, will send his camera crew to CCTV (Close Circuit Television Inspection) the sewers. They will also repair some cracks without excavating. A picture "*Point Repair Equipment/Services*" of that type of work is included in the report. We will also overlay the GIS sewer maps on Google so we can better document sewer cleaning. If interested, we can have him come to a meeting to present a power point of the capabilities of that group. Attached Collection 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.	-	112
Effluent Avg.	30	4
Removal Efficiency	85%	96%

Plant Process Data	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	140
Effluent Avg.	30	7
Removal Efficiency	85%	97%

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

	Oxford	OTR	Naugatuck	Middlebury	
Flow Avg. (MGD)			6.9	1.16	0.106
Sludge Liquid Total (MGal)					
4.604					
Sludge Cake Total (Dry Tons)					4,897
Septage Total (MGal)			36,000	107,000	157,000
1,149,326					

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. The plant received an unannounced CT DEP inspection on April 9, 2010. No deficiencies were found. A copy of the report is attached for reference.
2. A copy of an EPA proposal to define Biosolids as a Solid Waste is attached. If the proposed rule is passed as is, the incinerators will no longer be covered under the wastewater exclusion and we will have to comply with Section 129 of the CAA, rather than Section 112. So in addition to additional CEMs units (Continuous Emission Monitoring), additional annual stack testing and record keeping, new emission control equipment may be required.
3. A letter was received from CTDEP regarding the Title V permit renewal packet granting "tentative approval to approve the minor modification".
4. CTDEP sent a notice in February stating that a PIQ Inspection (Pre Inspection Questionnaire) will take place. To date, no inspection has been scheduled.
5. The EPA Sludge DMR for 2009 was submitted. There has been no response from CT DEP regarding our response for the Notice of Violation #16418 on the incinerator.

6. Odor Consent Order update: Per Seng at CT DEP, the Odor Control Report is still under review.
7. Mercury Consent Order 8282: No updates to report.
8. SPCC Plan update is nearing completion. A plant tour scheduled for May 12 at 8:30 AM to confirm the data in the report is accurate.
9. Quarterly CEM Reports (Continuous Emission Monitoring Reports) were filed with DEP.

Personnel

1. A Collections System Operator tested positive for a controlled substance and was immediately terminated per the terms of the union contract. The position will be filled as soon as a qualified candidate is available.

Health & Safety

1. There were no recordable safety related incidents in April.
2. Safety and Safety Committee Meeting were held in April.
3. The MSDS booklets and SPCC Plan are under revision.
4. Respirator training/fit testing took place April 5.
5. A vac truck SOP is being developed and is close to being completed.
6. OSHA 10 hour training was provided to one-half of the staff by Mr. Bullock. The next training session is scheduled during the month of May.

Operational Information

1. A class on Incinerator operations was provided on April 2, 2010 by Kris Vernekar a Thermal Process consultant. Two identical 4 hour sessions were provided.
2. The replacement primary heat exchanger is on order with an approximate late August/September 2010 delivery date.
3. Caldon installed a second exhaust duct support and modified the existing exhaust duct support. External duct insulation should be installed in May 2010 (depending upon the weather).
4. United Alarms has started to install wireless transmitters for the 5 collection system pump stations. Work is expected to be completed in May 2010.
5. The primary tanks failed twice again in April due to heavy accumulations of rocks/grit. Substantial work is required to repair the damage (broken flights, frozen bearings, inadequate alignment etc). A representative from PolyChem, the parts supplier was contacted to provide assistance. A letter was provided to Mr. Stewart regarding this issue. A copy is attached for reference.
6. The new FRP cover for #2 thickener is onsite. Inspection of the drive indicated it may be serviceable. Cleaning of the tank will be scheduled. Weir replacement is being investigated. The rake drive was tested and operated. Cleaning of the tank will be scheduled during the month of May.
7. Godwin Pumps were onsite to discuss emergency planning for pump station and plant related emergency pumping. More work is required to complete this task.
8. The safety shoe truck visited the facility April 9, 2010.

9. The #4 raw sewage pump inlet valve replacement will be scheduled as soon as influent flows subside.
10. The Utility/Chemical spreadsheet is being updated.
11. The electronic reporting of air emissions was completed.
12. Staff meetings were held by the Assistant Plant Manager to discuss shift expectations, startup procedures and to improve communications.
13. A tour by the local Cub Scouts was scheduled for April 29 at 6:30 PM.
14. A meeting for operations was scheduled for Wednesday, April 28 to discuss/train the staff on chlorination/dechlorination controls and new analyzers. These controls are fully operational. Minor debugging is still in progress.
15. A new "Tank" inventory page is being placed on SCADA. The page will have a graphic of every tank with the tank level displayed. Eventually, the tank level will set to remind staff to order the product.
16. An axle on the Fork Truck broke. A rental unit is being used until repairs are completed. No cost estimate was available at the time of the report.

Maintenance

1. The South J-Spin roto-diff was sent to Process Solutions in Texas for repairs has returned. New touch screens were received for the J-Spins. Clean fresh air connections have been installed to cool each J-Spin control panel. The J-Spin will be reassembled.
2. A new emulsion polymer feed system for the J-Spin is operating. Preliminary results remain encouraging.
3. NIC Systems and staff are working on the installation of wireless transmitters/controls for the chlorination/dechlorination system and raw sewage pump control upgrade. Work is expected to be complete by April 15, 2010. Chlorination/dechlorination controls should be fully automated.
4. Repair/replacement options for the drive for the #1 sludge storage tanks are being investigated. AEM has been onsite to inspect the unit. The Mayer Corp, the representative for Eimco (the rake drive) will be here Friday, April 30. We need to finalize plans for that tank.
5. A section of the horizontal sludge transfer conveyor failed and was repaired. Several liners were purchased as some liners are worn require replacement.
6. The vibration analyzer has been received. Mike Bensema is reviewing the operation. We expect to place the unit in service in April/May 2010.
7. Storeroom organization continues. Parts are being inventoried and organized.
8. The South Abel hydraulic pump was rebuilt and oil was changed.
9. The #2 Aeration blower failed last month. The unit was sent to AEM for rebuild/repair. Another blower (second blower to be pulled) is being pulled from the aeration tanks in the event another blower fails.
10. Replacement bearings have arrived for the primary sludge pumps. Installation will be scheduled shortly.
11. Replacement sludge grinders (two for the primaries and one for liquid sludge) have been ordered under the grinder exchange program. The grinders currently in use have lasted about 18 months.
12. The HVAC compressor for the Control Room was replaced under warranty.

13. An internal recirculation pump for the aeration tanks was repaired/replaced in March 2010. AEM performed the repairs under warranty.
14. Approximately 10 new sprockets, 12 flights were installed in #1 Primary. New grease lines were installed to the bearings. Once the #1 Primary is repaired, the #2 Primary will be removed from service for similar repairs. These repairs have become problematic due to rocks and grit that have clogged the drain lines.

Client / Merchant Customer Issues

1. Mark Zimmerman, Jeff Levy, Jon Hoisak and I attended a meeting April 14 with the Borough and their attorneys to discuss the Odor Consent order. Revenue sharing, cost sharing, and other ideas were presented at the meeting. The consensus of the group was that there is some agreement on how to proceed with the requirements of the Odor Consent Order. Jim Binder of ARI will prepare a "draft" discussion item of cost allocations.
2. Kathy Luvisi scheduled her annual plant inspection for Tuesday, May 11, 2010 at 9:30 AM.
3. Naugatuck High has requested someone from Veolia on May 27 to present the scholarship to the students at a National Honor Society assembly. Jon Hoisak, Melissa Mooradian and I will attend.

Capital Projects

1. Jen Muir has almost completed her evaluation of the aeration tanks for potential energy grant upgrades.
2. A letter was prepared and sent to CTDEP requesting funding for ammonia sensors/controls and portable ORP sensors before the March 31, 2010 deadline. To date, we have had no response to our request.

5. Adjournment

Jim Stewart showed the Commission the new pamphlet for FOG that was created by Fred Agee. Jim commended Fred for a job well done. He noted that letters will be sent to food establishments within the next week and that we had received a list of establishments from the Valley Health.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 6:46 PM.

Attest: Catherine Aresta, Secretary/rb