

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
MAY 19, 2011**

Chairman Merancy called the regular meeting to order at 6:00 PM with the following in attendance:

MEMBERS:

Ronald Merancy, Chairman
Rimas Balsys, Vice Chairman
Catherine Aresta, Secretary
Pat Mallane

OTHERS:

Wayne Zirolli, Borough Engineer
Debbie Lichwalla, WPCA Secretary
Attorney Fitzpatrick
John Batorski, Veolia Water

VISITORS:

Jessica Ryan – Owner of 48 Summerfield Street
Jon Mongie – Director, Asset Management – UGAM
Jon Hoisak – Area Manager, Veolia Water
Kathy Luvisi

ABSENT:

Steve Cote

1. **Ronald Merancy opened the meeting with the Pledge of Allegiance.**
2. **Acceptance of Special Meeting Minutes for March 30, 2011.**

VOTED: Unanimously on a motion by Pat Mallane and seconded by Rimas Balsys to **ACCEPT** the Special Meeting Minutes for March 30, 2011.

3. **Acceptance of Special Meeting Minutes for April 14, 2011.**

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Special Meeting Minutes for April 14, 2011.

4. **Correspondence.**

A. Two Checks were received on April 25, 2011 in the amounts \$187,940.00 and \$113,327.00 payable to the WPCA which represent the current Interim Agreement.

B. A check received from Albert Bros. Scrap Metal Processors for \$189.20 which represents the sign that was cashed in by Veolia.

C. Odor Control Letter (dated March 25, 2011 referenced on the Agenda is incorrect; the date should have been April 29, 2011).

Attorney Fitzpatrick stated that it is in response to a letter from Wright-Pierce in which the Borough requested a letter or report in regards to some questions and concerns on the design costs.

D. State of Connecticut DEP Invoice Notification Letter (dated April 29, 2011 on the Agenda is incorrect; the date should have been March 25, 2011).

5. Commission Discussion/Decision regarding resident disputes sewer use billing on 48 Summerfield Street.

The new owner of 48 Summerfield Street, Jessica Ryan was present and was disputing the sewer usage bill that went out in April. Ms. Ryan is not in agreement with paying the charges for 3 years, due to the fact that they she was only in the home for 2 years and wasn't aware of the sewer use billing.

Ron Merancy explained to Ms. Ryan that the Borough of Naugatuck Sewer Authority provided the service and the sewer use billing is done by address and the charges are the responsibility of the current homeowner.

Attorney Fitzpatrick stated that this was the proper analysis. The sewer use fee is due diligence and the responsibility of the current homeowner.

In the final analysis, Attorney Fitzpatrick stated that the title search company did an incomplete job. They should have checked to see if there were any multi-district taxes with either Beacon Falls or Naugatuck.

Rimas Balsys advised Ms. Ryan to check with her closing attorney and find out who the title company was and have them rectify the issue.

The Commission decided that all fees including past due interest must be paid and that Ms. Ryan should seek restitution from the title insurance company.

Attorney Fitzpatrick asked the commission on how the WPCA should communicate with Beacon Falls in the future.

The commission advised that the WPCA to draft up a letter and send it to Beacon Falls asking them to post a Notice for title searchers.

6. Commission Discussion regarding the Demonstration of Info Net (under ground asset management) by Veolia Water.

A presentation given by Jon Mongie, Director of an underground asset management group. The info net presentation demonstrated how it helps the public be more aware of the conditions of sewers under the road using a

geographic information system, evaluation of assets (such as manholes and pipes), infiltration, maintenance and repairs.

7. Veolia Water - Summary of WWTF Operations – April.

This report summarizes the activities at the Borough POTW for April 2011:

1. Highlights and Significant Issues: Please refer to documents within the report.

2. Collection System Update:
Please see attached Collections Report.

3. Plant Performance Summary:
Please see the attached reports and graphs for additional performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	95
Effluent Avg.	30	6
Removal Efficiency	85%	94%

Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	68
Effluent Avg.	30	4
Removal Efficiency	85%	95%

	Oxford	OTR	Naugatuck	Middlebury
March Flow Avg. (MGD)		10.0	1.16	0.177
April Flow Avg. (MGD)		6.9	0.83	0.114
Sludge Liquid Total (MGal)				
5.858				
Sludge Cake Total (Dry Tons)				
4.939				
Septage Total (MGal)		63,000	21,000	164,600 793,450

Discharge Permit Exceedance: None

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	1	3
Unconfirmed Odor Complaints	0	0

1. Compliance & Regulatory Issues

a. A meeting took place on April 21, 2011 at Noon in Atty Ned Fitzpatrick’s office to continue to discuss common ground between

Veolia and the Borough regarding: odor cost issues, revenue sharing, new NPDES permit requirements, facility planning, mercury control issues, and plant upgrade. Another meeting is scheduled for June 22.

- b. There were was one odor complaint during the month of April.

2. Personnel

- a. The new union contract is now in effect.

3. Health & Safety

- a. There were no recordable safety related incidents in April.
- b. Annual respirator fit testing/training was held April 11.

4. Operational Information

- a. Average monthly flow was down to 6.9 MGD as opposed to last months 10.0 MGD flow average. The March 2011, 10 MGD average flow was the highest ever monthly average flow recorded. The high flow has an adverse effect on BNR operations and certainly will adversely affect phosphorous removals. Both nitrogen and phosphorous are calculations are flow based. Several charts are included in this month's report that depicts plant flow, nitrogen and collection system cleaning.
- b. Veolia will staff a table (\$500/table plus \$500 sponsor) at the Earth Day Event on the Naugatuck Green coinciding with the Duck Race. This year the event will be held on June 5th.
- c. A summer intern position at the wastewater plant is available. The position is advertised on the Veolia Water web site under careers.
- d. A proposal from American Pulverizer was received for a grinder for the foreign sludge cake. Planning for the grinder is ongoing.
- e. Tuesday April 12th CT. EMIT Report was accepted. This is an electronic emissions summary report.
- f. Friday April 8th the draining and cleaning chlorine contact tanks was performed one by one. Cleaning of both tanks was completed April 13th.
- g. Chlorination/de-chlorination equipment put into service April 27th.
- h. Roger Gauthier from Kemira was called to jar test ferric chloride to determine dosages for phosphorous removal. Very preliminary data suggests a dosage of 225 to 275 gallons of ferric chloride per day. A typical load of ferric is 4000 gallons. A rough cost of ferric is \$0.63/lb. of iron. A 4000 gallon delivery contains approx. 5000 lbs. of iron. Thus the cost is \$3150 per truck (or \$.7875/gallon). The initial ferric chloride trial is estimated to cost ~\$177 to \$220 per day, plus the additional cost for alkalinity adjustment. The trial will also take into consideration Bio P removal with the existing BNR process. The overall goal is to determine if the facility can consistently meet a total phosphorous of 0.4 Mg/l.

5. Collections Department

- a. Veolia UGAM is scheduled for a presentation of the Info Net system to the WPCA Board for their May 19, 2011 meeting.
- b. April 8, 2011 Mike Forish, Collections System employee passed the written part for a CDL. He now has a CDL permit. In addition, he passed his Class 1, Collection certification exam.
- c. Dukes Root Control has been scheduled for root treatment during the month of May.

6. Maintenance

- a. Alternate in house designs for plows and neutrals for the thermal dryer are being fabricated. The existing plows are prone to fouling with rags.
- b. The rebuild of the north Abel is complete.
- c. The #4 raw sewage pump was returned to service (clogged inlet valve). Only one seal on the #1 one raw sewage pump failed which was replaced. Price investigations for replacement pumps have started.
- d. Primary tank #1 collector chains have been repaired and the railings are fixed (due to heavy snow fall). Staff is still working at reattaching the tarps and has modified the installation to avoid the snow piling up in the future.
- e. Aeration blower D is being rebuilt. Supports for the outlet silencers on A & B are being modified in hopes that more life will be gained from these units.
- f. Waste sludge pump 1 has been rebuilt and is up and running. Two new pumps are in place for #2 and #4 and plans are being made to install the pipes and wires.
- g. Installation of sludge storage tank #1 circulating pump is finished and the pump is in service and seems to be working fine.
- h. Parts have arrived and repairs will be scheduled for several of our piston sludge pumps that are leaking in the basement.
- i. Two VFD's for the Spirac conveyors failed out last month. They are ordered as well as a spare and will be installed upon arrival. Spirac #1 broke a screw, due to a tarp bar that got caught in it, and was repaired in house. Many spare parts have been ordered for these conveyors to minimize down time when failures occur (\$77,000).

7. Capital Projects

- a. Northeast Utilities has approved up to \$326,800 with a November 2011 completion date for the installation of new energy efficient aeration blowers. The project is under review to make certain the blowers are correctly sized.

8. Adjournment

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 7:40 PM.

Attest: Catherine Aresta, Secretary/dl