

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
JULY 19, 2012**

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

MEMBERS:

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

OTHERS:

Jim Stewart, Public Works Director
Debbie Lichwalla, WPCA Secretary
John Batorski, Veolia

VISITORS: Kathy Luvisi, ARI

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **New Business and Correspondence.**
 - A. **Commission Discussion Regarding the ARI Memorandums Dated June 28, 2012 - Monthly Meeting to Discuss Naugatuck Issues, June 29, 2012 Regarding Stack Testing for the Incinerator and a "Supplemental" Memorandum Dated July 2, 2012 for Additional Stack Testing for the Incinerator.**

Kathy Luvisi from ARI explained that there are two issues for additional testing. The first issue is for phosphorous testing. Pilot testing is for the chemical addition to reduce phosphorous. Veolia recommended it to be during the Summer or the Fall of 2012.

The other issue is stack testing that is necessary for the Design Plan for Pollution Control on the Naugatuck Incinerator. This is additional testing over and above the typical stack testing for the Incinerator and is scheduled for September. Veolia needs to formally notify the CT DEEP about the test plan in August. This additional testing has been estimated with a budget of sixty two thousand dollars and that is requested to come out of the WPCA Fund.

Chairman Merancy asked: Why do we need the additional testing?

Kathy Luvisi explained that the testing is required by the EPA regulations that were finalized last year and is State Mandated. The EPA is coming up with a schedule for all effective incinerators over the next six months. The improvements have to be designed and constructed by a deadline which is March 2016.

Kathy explained that The “Supplemental” Memorandum dated July 2, 2012 regarding the stack testing describes testing that was done for the Mercury level in 2011 which shows the difference between the regulatory limits and the actual emissions for Naugatuck over the past six or seven years.

Jim Stewart commented that he spoke with Attorney Fitzpatrick about the Borough’s responsibility to pay. Attorney Fitzpatrick confirmed that it is the Borough’s responsibility to pay.

Jim Stewart commented on the capital budget funds for the facility plan. DEEP needs to be notified by Veolia for the testing and the application needs to be submitted to get the planning grant. Authorization to reimburse Veolia for the stack testing is estimated at sixty two thousand dollars.

B. Commission Discussion Regarding Chemtura Correspondence Dated June 28, 2012 Regarding the Discharge Monitoring Report for May 2012.

Monthly Report for May 2012. No Discussion.

C. Commission Discussion Regarding the Energy & Environmental Protection Letter Dated June 25, 2012 on the Emission Guidelines for “Existing” Sewage Sludge Incinerators (SSI) and Performance Standards for “New” SSI.

A letter from DEEP that discusses the Incinerator Stack Testing requirements to make modifications and deadlines, as previously discussed.

D. Commission Discussion / Possible Action Regarding Contract Administration Memorandums (CAMS) IF2012-1 Incineration Facilities Lease Agreement and SC2012-1 Service Contract for Wastewater Treatment System Capital Improvements and Asset Management for Contract YR 11.

Jim Stewart commented that these are the Annual CAMS developed by ARI that consists of various contract prices and amounts that are used in contract reimbursement to Veolia in determining costs to the contract based on the CTI Index. A spreadsheet is created to adjust the numbers based on the index inflation of 1.76% and reviewed by Jon Hosiak of ARI, John Batorski of Veolia and Jim Stewart, Director of Public Works.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Rimas Balsys for the Board to **AUTHORIZE** Chairman Ron Merancy to sign both Contract Administration Memorandums IF2012-1 Incineration Facilities lease Agreement and SC2012-1 Service Contract for Wastewater Treatment System Capital Improvements and Asset Management for Contract YR 11.

VOTE: **In Favor: 4** **Opposed: 0** **Abstained: 0**
Motion Carried: 4-0-0
Authorization Accepted for Chairman Ron Merancy to sign
CAMS IF2012-1 and SC2012-1.

3. Old Business.

A. Commission Discussion Regarding the Facility Plan Consultant Interviews,

Jim Stewart commented that the interviews are scheduled for August 8, 2012, 2:00 PM – 5:00 PM. The three consultants were sent an e-mail and all three responded and they are ready for the interviews.

4. Acceptance of Regular Meeting Minutes for June 21, 2012.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for June 21, 2012 with minor changes to (4A) The Hoadley Street Project Closeout.

The Correction for the Hoadley Street Project Closeout is:
Chairman Merancy requested FOR THE RECORD, that the initial cost estimate that Guerrera Construction wanted was \$75,000.00. The second submission was reduced to \$66,184.23. Jim Stewart negotiated it down further to \$15, 201.08.

VOTE: **In Favor: 4** **Opposed: 0** **Abstained: 0**
Motion Carried: 4-0-0
Minutes Approved with Minor Changes.

5. This report summarizes the activities at the Borough POTW for June 2012:

This report summarizes the activities at the Borough POTW for [June](#) 2012:

1. Highlights and Significant Issues: Please refer to 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.	-	265
Effluent Avg.	30	5
Removal Efficiency	85%	98%

Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	162
Effluent Avg.	30	4
Removal Efficiency	85%	98%

	Naugatuck	Middlebury	Oxford
OTR			
June Flow Avg. (MGD)	4.3	0.557	0.108
Sludge Liquid Total (MGal)			N/A
2.172			
Sludge Cake Total (Wet Tons)			
1231.28			
Septage Total (MGal)	41,750	54,000	135,000
566,550			
Discharge Permit Exceedance: None			

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	3	21
Unconfirmed Odor Complaints	0	0

1. Compliance & Regulatory Issues

- a. There were 3 Odor Complaints for June 2012 that were recorded. Evidentially, per the CTDEEP inspector, there was at least one other call that made directly to the CTDEEP (we do not have a copy on file however the call was included in the total). The CTDEEP inspector indicated that a resident from Meadow Brook had called the Governor regarding odor complaints. CTDEEP odor inspectors were on site twice during June and did not observe any odors.

2. Personnel

- a. An Operator resigned effective June 22, 2012 to accept a position at another WWTP with no weekends, no shift work, and less travel.
- b. Matt Bernardini was hired to replace an Operator who resigned for personal reasons. Matt was an employee referral and started June 18.

3. Health & Safety

- a. There were no recordable safety related incidents in June.

4. Operational Information

- a. The sodium hypochlorite replacement tank installation was completed by the end of the month.

- b. The incinerator sustained operational difficulties during the last week of May 2012 and the first week of June 2012. The incinerator was operated at greatly reduced capacity while sludge inventories were brought down and sludge was diverted. The incinerator was eventually shutdown Friday, June 8 for repairs. It was returned to service June 28, 2012. During that period, sludge was diverted to other incinerators and landfills.
- c. The south ash lagoon was placed in service. Ash from the north lagoon will be removed.
- d. Aeration tanks #1, #2, and #3 were returned to service the week of June 7th. There is still some repair work to aeration tank # 5B.
- e. A letter was received from Mahopac regarding excessive dust on the new road through the Chemtura property. The road is not paved. Even though there is a 5 MPH speed limit, excessive dust remains a concern.

5. Collections

- a. Root treatment was applied to approximately 3200 ft by Dukes Root Control. The contractual amount will be met as the root cutter has been extensively used.
- b. On June 11 an act of vandalism on manhole 4-98 from the Waterbury Industrial Park caused sewage to backup in a wooded area. All reports were filed within the timeframe and CTDEEP was onsite as well. A locking manhole cover was installed in that remote section.

6. Maintenance

- a. The SCADA cabinet/switches in the Control Room were upgraded.
- b. The baffle in aeration tank #3 was repaired.
- c. The VFD for aeration tank # 3B internal recycle pump failed and was replaced.
- d. The venturi bomb bay door shafts were excessively eroded by the ash. New shafts were fabricated and installed. Some sections of the silicon carbide refractory are showing signs of wear (normal). Swemco, the manufacturer was contacted and will quote replacement parts.
- e. The original #3 sludge storage tank mixer drive failed (last year the #4 sludge storage tank mixer drive failed). A hole was cored in the wall for that storage tank to enable the installation of a grinder pump which is on order.
- f. The J Spin PLC code updates have started and several code discrepancies were corrected.
- g. A vertical Spirac conveyor will be purchased as a critical spare.
- h. The 53 ft conveyor shell was partially replaced during the June incinerator shutdown.
- i. The main plant air compressor required an extensive rebuild.

7. Capital Projects

- a. The aeration blower project remains under review by ARI.

**Borough of Naugatuck
Collections Systems Report
Jun-12**

Calls for Service:	This Month	Contract Year to Date
	4	33
1 78 Mulberry Street		
2 67 + 69 Forest Street		
3 East Waterbury Road		
4 Fern Street		

Calls Caused By Collection System:	Reason
1 East Waterbury Road	Seems as if kid lifted lid in the woods and tossed rocks and sticks in.

Line Flushing (feet)	This Month	Year to Date	Feet	Feet
	15520	153019		
1 Coen Road	600			
2	190			
3 Gorman	325			
4	200			
5	400			
6 Indogen	400			
7 Gorman	600			
8 Mulberry Street	200			
9	200			
10 North Main Street	600			
	600			
	300			
13 Golden Hill Road	150			
14 Mulberry Road	300			
15 Forest Street	280			
16 Forest Street Easment	290			
17 East Waterbury Road Easment	200			
18 Louis Street	185			
19 Manners Ave	695			
20 Melbourne Court	75			
21	335			
22 Melbourne Street Easment	600			
23 South Circle	450			
24 Park Ave	500			
25 Homestead Ave	325			
26	230			
27	330			
28	320			
29 Homestead Ave Easment	300			
30 Terrace Ave Easment	510			
31 Hickory Lane	285			
32	110			
33	190			
34 Deepwood Road	450			
35	115			
36	220			
37 Timothy Road	360			
38 Flanders Road	175			
39 Timothy Road	190			
40 Partridge town Road	150			
41	255			
42	5			
43	30			

44		150
45		290
46		230
7	Fern Street	195
48	King Street	185
49		275
50		620
51	King Street Easment	350

Year to Date
8033

- Root Treatment (chemical or simply use of root cutter) 0
 1 No root control this month.

Line TV (feet)

This Month Year to Date
75 5805

- 1 Storage Tank 3 line 75

Pump Station Cleanings:

- 1 06/13/2012 Vac and cleaned Inwood, and Horton Hill stations.
 2 06/21/2012 Vac and cleaned High School grease trap pump station.

Pump Station Inspections:

- 1 06/01/2012 Checked all 5 stations
 2 06/06/2012 Checked the Middlebury Flow Station
 3 06/08/2012 Checked all 5 stations
 4 06/15/2012 Checked all 5 stations
 5 06/22/2012 Checked all 5 stations
 6 06/25/2012 Checked Middlebury Flow Station
 7 06/29/2012 Checked all 5 stations

Vac Truck Information

Days Out In Use

Contract	This Month	Remaining	YTD
150	14	-15	165

Fuel Information

Fuel Cost	Fuel Used		Total Year to Date Gallons
\$150.00	36.2	Gal	
\$255.00	63.1	Gal	1871.0 Gal
\$280.00	67.7	Gal	Total Year to Fuel Date Cost
\$185.00	45.8		
This Months Total	\$870.00	212.8	Gallons \$9,672.28

vac truck

Mileage	YTD	Engine Hours	YTD
Month Start 151104.5		Month Start 3676.8	
Month End 152293.5		Month End 3730.4	
Total 1189		Total 53.6	

Vac Truck Repairs:

Vendor
 Repair item
 Cost
 Vendor
 Repair item
 Cost

Utility Truck Fuel Information

Fuel Cost	Fuel Used		Total Year to Date
\$150.00	36.2	Gal	Year Date Gallons
\$255.00	63.1	Gal	641.447
\$280.00	67.7	Gal	
\$185.00	45.8		Year to Date Fuel Cost
\$870.00	212.8	Gallons	\$2,990.85

05/01/2012 F350 had service done and shocks replace 152424
 G&L replaced manhole that was caving in at Inw 153521
 03/2012 Filled out April report. Richie went out on C 1097
 05/04/2012 Vaccumed out airation tank channel
 05/05/2012 Vaccumed out airation tank with Geno
 05/06/2012 Vaccumed out airation tank with Geno and got tank drain valve open.
 05/07/2012 Vaccunmed sump in airation tank for maintinece to get at valve for repair.
 05/08/2012 threw 05/10/2012 Attended Collections class and took certification tests.
 05/14/2012 Confined Space Training. Installed signage for new road at plant and at entrance.
 05/15/2012 High velocity cleaning of Storage Tank 4 line. Truck PM's.
 05/16/2012 Took new pumps to Maple & Map and Inwood stations.
 05/17/2012 Primary Clairifier Skimmings. Installed new seals on lids on Meadow Brook Road.
 05/18/2012 Installed new ring and lid on Albion Street r 120
 05/21/2012 High Level alarm for Platts Mill Pump Static 80
 05/22/2012 Saftey Meeting. Saftey inovation demonstration (for magnet on truck boom). Truck PM's.
 05/23/2012 Found records of jetting on Locust Street and the Armory area for John Batorski. Took him around to areas as well.
 05/24/2012 Excivated covered manhole on Fox Run Ro 200
 05/25/2012 Filled in hole on Fox Run Road

Notes

06/01/2012 Cleaned truck real good for Duck Day event.
 06/03/2012 Duck Day Event.
 06/04/2012 Cleaned out some of the storm drains on the Uniroyal Road.
 06/05/2012 Vacced out Primary Clairifier skimmings. Cleaned some of the plant storm drains.
 06/08/2012 Vacced out Storage Tank 3.
 06/09/2012 Cut the rake out of Storage Tank 3.
 06/11/2012 Vacced out Primary Clairifier skimmings. Had to go to Waterbury and vac out water from dumpster we sent to USA.
 Soaked up and vacced out water in the dumpster still in the plant as well to avoid problem at USA.
 06/12/2012 Did some camera work on the Incinerator while it was down. Searched for manholes behind industrial park in the woods.
 06/14/2012 Cleaned and cleared Storage Tank 3 discharge line. Pulled up pump at Inwood Pump Station to de-rag and fix a wire.
 06/18/2012 Dye tested line in Coca Cola building to see if it comes out at East Waterbury Road.
 06/19/2012 Vacced out Primary Clairifier skimmings.
 06/20/2012 Vacced and cleaned out the septic dump area drain.
 06/22/2012 Went to get parts for the dump and vac trucks. Also got things for the pump stations projects and reapirs. Re-charged
 A/C in the Vac Truck.
 06/25/2012 Worked on the check valves at Inwood Pump Station to help eliminate water hammer.
 06/26/2012 Attended monthly Safty Meeting.
 06/27/2012 Vacced out wetwell in the plant.
 06/28/2012 Installed locking lids on East Waterbury Road easment and on Pondview Drive.
 06/29/2012 Replaced pump at Inwood Pump Station. Had to change breakers as well.

We did a lot of landscaping and cleaning of all the stations this month to improve their look. A lot of trash has been picked up and the fences have been cleared of all the vines. Did some simple reapirs on lights, locks, ect. Slowly we will be painting floors and other parts of the stations that need it.

Inwood Pump station is in need of an updating. A pump failed this month and we used our spare pump to take it's place. We are still short by one pump in the wetwell. The electrical needs to be looked at. One breaker seems to be bad. Westin & Sampson visited the stations and is supposed to be doing some updating.

6. Adjournment.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 6:45 P.M.

Attest: Catherine Aresta, Secretary/dl