

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
SEPTEMBER 17, 2015**

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

MEMBERS:

Rimas Balsys, Vice Chairman
Catherine Aresta
Jeff Hanson

OTHERS:

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

ABSENT: Ron Merancy, Chairman
Pat Mallane

VISITORS: Dan Gorka, Veolia
Attorney Kevin McSherry

1. **Rimas Balsys opened the meeting with the Pledge of Allegiance.**
 2. **No Executive Session.**
 3. **No Public Comment.**
 4. **Old Business.**
- A. **Commission Discussion Regarding the Facilities Plan Update.**

Jim Stewart commented that Marc Morin from Kleinfelder reported the following updates:

- Currently coordinating a site visit and meeting with Kleinfelder, the Borough and Veolia. A tentative meeting date of October 8 has been established.
- Kleinfelder is reviewing the requirements for Arsenic sampling of the Chemtura flows. Chemtura is not currently sampling for arsenic as they have yet to be issued a permit with the requirement.
- At Kleinfelder's request Veolia is sampling for e-coli in accordance with the permit.
- Kleinfelder is developing equipment and facilities lists to be used for the upcoming condition assessment at the WWTP. Kleinfelder has been working with local MBE/WBE subconsultants for compliance with the MBE/WBE procurement goals established for the project.
- Kleinfelder is coordinating the rental of equipment for wastewater influent characterization and will review sampling plan with the Borough and Veolia on Oct. 8.
- Kleinfelder has developed a Biowin model for the WWTP and will use it to develop biological alternatives for phosphorus limit compliance.
- Kleinfelder is in the process of soliciting vendor proposals for chemical phosphorus removal technologies and equipment.
- Kleinfelder has met with Veolia staff regarding the SSES portion of the work in order to develop potential monitoring sites.
- Kleinfelder has prepared preliminary diagrams and figures in preparation of the smoke testing task of the SSES

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B. Commission Discussion Update Regarding the North Main Siphon Repair.

Jim Stewart reported he met with Neil from Kleinfelder and Jeff James from True Blue Environmental to talk about the project. In reviewing the bid, two items were added, the Temporary By-pass and the Inlet Structure which added \$160,000 to the old bid to make the new bid. Jim requested approval for the Borough Board to approve \$469,950. Jim also mentioned that the deadline to get the sandbag barrier in the river to stabilize it, is October 1st and the bad side should be done by winter.

The commission voted:

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Catherine Aresta for the Borough Board to **APPROVE AUTHORIZATION** on the Bid for True Blue Environmental in the Amount of \$469,950.

VOTE: **In Favor: 3** **Opposed: 0** **Abstained: 0**
 No Discussion
 Motion Carried: 3-0-0

5. New Business.

Commission Discussion on a Proposed Sewer Connection for A Better Way Wholesale Regarding Lots 18 & 30 Raytkwich Road with Attorney Kevin McSherry.

The commission voted:

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Catherine Aresta to **APPROVE** the Proposed Sewer Connection for Property Located on Lots 18 & 30 Raytkwich Road with the Requirement that the Applicant Shall Submit a Revised Set of Plans to the WPCA Meeting the Requirements of the Director of Public Works and the Submitted Engineering Report.

VOTE: **In Favor: 3** **Opposed: 0** **Abstained: 0**
 No Discussion
 Motion Carried: 3-0-0

**WPCA
Engineering Report**

Project: A Better Way Wholesales/Autopark
Location: Lot 18 & 30 Raytkwich
Plans: 6-17-2015
Revised: 8-5-15
Applicant: A Better Way Wholesale
Engineer: Harry E. Cole & Son
James R Stewart, P.E. L.S. Director of Public Works
Date: 8/20/2015

Comments:

I recommend that the Sewer Connection be approved with the following conditions:

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1. The applicants engineer is proposing to reconstruct a section of 8” sewer main in order to provide for cuts on the site. The new sewer must be proposed off line of the existing sewer so that the sewer can be installed while keeping the existing sewer main functioning. Final design shall be subject to the approval of the Borough Engineer.
2. A note shall be added to the plans that the abandoned sewer section shall be removed or abandoned as approved by the Borough Engineer.
3. The WPCA approval will expire after 5 years if construction has not begun.
4. A note shall be place on the plans “The construction shall comply with the Borough of Naugatuck Ordinances and the Water Pollution Control Authority “Standard Conditions for Sanitary Sewer Extensions and Sanitary sewer Construction.”

6. Correspondence Received and Reviewed. No Discussion.

- A. Correspondence Received from Chemtura Dated August 31, 2015 regarding the Annual Monitoring Report for the Naugatuck Water Pollution Control Effluent Permit SP0000065.
- B. Correspondence Received from ARI Dated August 24, 2015 Regarding ARI Monthly Meeting to Discuss Naugatuck Issues.
- C. Correspondence of a Check Received from CT DEEP Dated August 14, 2015 Regarding Notice of Sale of Equivalent Nitrogen Credits.
- D. Correspondence of a Check Received from Middlebury Regarding the for FY 2014 cost share Agreement for Sewage Removal and Treatment Between the Borough of Naugatuck and the Town of Middlebury.
- E. Correspondence From Jim Stewart to Dan Gorka Dated September 1, 2015 Regarding Borough Request for VWNA Proposal of the Preliminary Plan for Biological and Chemical Phosphorus Removal.

7A. Review / Acceptance of Regular Meeting Minutes for June 18, 2015.

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Jeff Hanson to **APPROVE** the Regular Meeting Minutes for June 18, 2015.

VOTE: **In Favor:** 3 **Opposed:** 0 **Abstained:** 0
Motion Carried: 3-0-0

7B. Review / Acceptance of Regular Meeting Minutes for August 20, 2015.

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Jeff Hanson to **TABLE** the Regular Meeting Minutes for August 20, 2015 to October 15, 2015.

VOTE: **In Favor:** 3 **Opposed:** 0 **Abstained:** 0
Motion Carried: 3-0-0

8. Other Business.

9. Adjournment.

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Jeff Hanson to **ADJOURN** the meeting at 6:34 P.M.

10. Attached is the August 2015 WWTF Monthly Operations Summary Reports.

Attest: Catherine Aresta, Secretary/dl

Monthly WPCF Report Aug 2015

This report summarizes the activities at the Borough POTW for Aug 2015:

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.		-	250		
Effluent Avg.		30	5		
Removal Efficiency		85%	98%		
Plant Process Data*		Limit	Actual		
Carbonaceous BOD (mg/l)					
Influent Avg.		-	159		
Eff Avg (Nov 1 - May 31)		25			
Eff Avg (June - Oct 31)		15	5		
Removal Efficiency		85%	97%		
Discharge Permit Exceedance: None					
Aug Flow Avg. (MGD)	Naugatuck	Middlebury	Oxford	OTR	
Sludge Liquid Total (MGal)	4.3	0.336	0.037	N/A	
Sludge Cake Total (Wet Tons)				5117.2	
Septage Total (MGal)	36,430	40,000	194,990	4640.4	
Discharge Permit Exceedance: None					

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	1	7
Unconfirmed Odor Complaints	1	1

1. Compliance & Regulatory Issues

- a. No report.

2. Odor Complaints

- a. There was 1 odor complaint in August.

3. Personnel

- a. No report.

4. Health & Safety

- a. The August safety meeting was held on Aug 10 and 11.

5. Operational Information

- a. The original opacity meter will be replaced at a cost of ~\$22k as it was obsolete and no parts are available. Installation is scheduled for during the month of September.
- b. The annual stack test is scheduled for the week of Sept 21, 2015.
- c. One-day operator review sessions have been scheduled. Each operator will spend an entire day with the APM review plant procedures (refresher training).
- d. One of the original Putzmeister sludge cake feed pumps are now operational.
- e. A new fork truck was received replacing the original unit which required repairs that were not economic to perform.
- f. Polymer jar testing with Polydyne took place in early August.

6. Collections

- a. The generator for the Maple and May pump station failed. We are waiting for pricing and a determination if the original unit is economical to rebuild.
- b. Annual root control was applied to designated areas per the contract.
- c. The vac truck required a major repair as the frame that supports the jetting mechanism developed a crack. This 2001 Borough owned vehicle is approaching 200,000 miles and is absolutely vital to the maintenance of the collection system.

7. Maintenance

- a. Two centrifuges are in operation.
- b. One main plant water pump for the incinerator failed and was repaired.
- c. The venturi flooded elbow had ceramic castable applied to the refractory surface. The refractory was checked during a PM and appears to be holding up.
- d. HFC1 conveyor (feeds from merchant cake dump) failed on Aug 4. The conveyor was repaired.
- e. One of two original main plant hot water boilers failed. The replacement was \$18,500. The original hot water circulation pumps will be rebuilt as well.

- f. One of the main CISCO network switches failed for the SCADA system and was replaced under warranty.

8. Capital Projects

- a. No report.