

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
JUNE 21, 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:

Attorney Ned Fitzpatrick
Attorney Pete Hess
James Sperry, CES Landscape Architect

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **New Business and Correspondence.**
 - A. **Commission Discussion Regarding the High School Renovation.**

Mr. James Sperry of Kaestle Boos Associates, Inc. stated that the water demand calculations for the renovations and additions to the Naugatuck High School are completed and recommended that the existing domestic water service and the existing sanitary waste laterals that currently serve the school remain, due to a net reduction in the water flow within the system. Based on the new plumbing fixture count and the supply fixture units (SFU), the water demand for the school when the renovations are completed will be 2084 SFU – 336 GPM. The current SFU and water demand for the school is currently 2196.5 SFU – 347 GPM.

In addition, they will be specifying low flow fixtures throughout the school. The water's closet gallons per flush (GPF) will be 1.28 FPF, the minimum FPF code required is 1.6. In addition, the urinal GPF will be .125, the minimum GPF code required is 1.

Jim Stewart stated that he reviewed the town project and approves the plans submitted.

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **APPROVE** Kaestle Boos Associates Referral for a Permit Application.

VOTE: **In Favor:** 4 **Opposed:** 0 **Abstained:** 0
Motion Carried: 4-0-0
Permit Application Approved.

B. Commission Discussion Regarding the Hop Brook Field Lights.

The Commission Determined That No Approval Was Required.

3. Executive Session

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Catherine Aresta to **ADD into Executive Session (besides the Veolia Negotiations) the Negotiations on the Hoadley Street Sewer Project.**

VOTE: **In Favor:** 4 **Opposed:** 0 **Abstained:** 0
Motion Carried: 4-0-0
Motion Approved.

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Pat Mallane to **ENTER into Executive Session at 6:05 P.M. Inviting in Attorney Hess, Attorney Fitzpatrick and Borough Engineer James Stewart.**

VOTE: **In Favor:** 4 **Opposed:** 0 **Abstained:** 0
Motion Carried: 4-0-0
Motion Approved.

EXIT out of Executive Session and RECONVENED into the Regular WPCA Meeting at 6:42 P.M.

4. **Old Business.**

A. **Commission Discussion Regarding the Hoadley Street Project Closeout.**

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **RESOLVE** the Dispute regarding the extra cost for the Hoadley Street Closeout Project and for the Board to approve additional cost of \$15,201.08 as discussed.

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 Approved and Carried: 4-0-0

B. **Commission Discussion Regarding Review of the Facility Plan RFQ Results to Determine the Top Three Consultants for Interviews.**

The Commission has agreed that the top three consultants to be interviewed will be Wright-Pierce, Weston & Sampson, and Kleinfelder SEA.

Jim Stewart commented that he will notify all six consultants.

5. **Acceptance of Regular Meeting Minutes for May 17, 2012.**

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for May 17, 2012.

VOTE: In Favor: 3 Opposed: 0 Abstained: 1
Motion Carried: 3-0-1
Minutes Approved.

6. **This report summarizes the activities at the Borough POTW for May 2012:**

This report summarizes the activities at the Borough POTW for [May](#) 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.	-	215
Effluent Avg.	30	6
Removal Efficiency	85%	97%

Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	176
Effluent Avg.	30	4
Removal Efficiency	85%	98%

	Naugatuck	Middlebury	Oxford	
OTR				
May Flow Avg. (MGD)	5.3	0.557	0.108	N/A
Sludge Liquid Total (MGal)				
2.934.3				
Sludge Cake Total (Wet Tons)				
6180.4				
Septage Total (MGal)	43,040	49,250	179,000	
691,150				
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	6	18
Unconfirmed Odor Complaints	0	0

1. Compliance & Regulatory Issues

- There were 6 odor complaints for May 2012.

2. Personnel

- The new Maintenance Manager started May 14, 2012.
- The Summer Intern started May 21, 2012.

3. Health & Safety

- There were no recordable safety related incidents in May.

4. Operational Information

- The new access road through Chemtura is in use as of May 14, 2012.
- The sodium hypochlorite tank developed a slight crack. The replacement tank arrived the week of May 21 and cost \$28,500 (there were bids for the tank). Unfortunately to install the new tank will require major work at a cost of

approximately \$16,500. There is also a crane charge to unload/place the tank which was approximately \$1,200. Job estimate is approximately \$47,500 which was not budgeted.

- b. On June 4, we confirmed a tuyere had failed. Repairs will require a total incinerator shutdown of at least 7 days. The incinerator will be out of service from June 8 through June approximately June 18th.
- c. The #4 sludge storage tank was clogged with grit and rocks which resulted in a backup of liquid which required diverting liquid sludge.
- d. Confined Space refresher training took place on May 14, 2012.
- e. Aeration tanks #1, #2, and #3 will be returned to service on June 8.
- f. The cross collector broke in a primary tank. Excessive grit due to a lack of headworks and lack of tank drains continue to be problematic. Repairs were completed.
- g. A raw sewage pump impellor (grit and rocks) is in very poor condition and is extensively worn. A new impellor/wear ring is on order (~\$10.5k). The parts are about 8 weeks out.
- h. The drive for the #3 sludge storage tank mixer failed. Last year an identical drive failed on the storage #4. A Vaughn chopper pump was installed for that tank and has performed very well. A second chopper pump (~\$16.5k) was ordered.

5. Collections

- a. Root treatment was applied to approximately 3200 ft by Dukes Root Control.

6. Maintenance

- a. The stainless steel elbow off the venturi scrubber has many patches. We are investigating a replacement elbow using refractory brick as opposed to the castable. Considerable repairs (~\$16.5k) on the venturi were required.
- b. The drainage pump station (upgrading the old controls) is complete.
- c. The original gear box for the north centrifuge pump requires repairs.
- d. The J Spin PLC code updates is on hold due to the maintenance workload. We hope to update one centrifuge in late June or July.
- e. The incinerator cake discharge piping is very thin as confirmed by thickness measurements. The weekend of June 2, the cake discharge line failed in two locations resulting in an unplanned 14 hour shutdown. Replacement piping is being investigated.
- f. The inclined conveyor from the TDU discharge tail shaft is excessively worn and will require replacement. Maintenance is planning the task.
- g. A vertical Spirac conveyor will be purchased as a critical spare.
- h. The #2 thickener pump failed and was beyond repair (Reeves drive). A grinder pump will be purchased to transfer the sludge.
- i. An ABS 115 HP submersible pump was purchased for \$55,500. That pump will replace the #1 raw sewage pump.
- j. The 53 ft conveyor shell (~\$19k) was received. Installation will take place during the incinerator shutdown.

7. Capital Projects

- a. The aeration blower project remains under review. The Borough received a letter detailing the planned installation of the blowers. ARI will review the project.

Pump Station Cleanings:			
1	05/11/2012	Landscaping all 5 stations	
2	05/21/2012	Hop Brook, Inwood, Platts Mill	
3	05/22/2012	Maple & May tank and building	
Pump Station Inspections:			
1	05/07/2012	Checked all 5 stations	
2	05/18/2012	Checked all 5 stations	
3	05/25/2012	Checked all 5 stations	
Vac Truck Information			
Days Out In Use		Contract	
150	This Month	13	Remaining
			-1
Fuel Information			
	Fuel Cost	Fuel Used	
	\$320.00	73.4	Gal
	\$249.44	57.2	Gal
	\$237.05	55.1	Gal
	\$215.00	50.0	Gal
This Months T	\$1,021.49	235.8	Gallons
			Total Year to Date Gallons
			1658.3
			Total Year to Fuel Date Cost
			\$8,566.92
Vac truck			
	Mileage	YTD	Engine Hours
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	None this month	
	Repair item		
	Cost		
	Vendor		
	Repair item		
	Cost		
Utility Truck			
	Fuel Cost	Fuel Used	
	\$136.00	31.635	Gal
			Gal
	\$136.00	31.635	Gallons
			Total Year to Date Year Date Gallons
			487.247
			Year to Date Fuel Cost
			\$2,120.85

Highlights
05/01/2012 F350 had service done and shocks replaced. Helped setup Godwin Pump for aeration tank.
G&L replaced manhole that was caving in at Inwood Pump Station discharge. Primary Clarifier Skimming's.
05/03/2012 Filled out April report. Richie went out on Collections for training.
05/04/2012 Vacuumed out aeration tank channel
05/05/2012 Vacuumed out aeration tank with Geno
05/06/2012 Vacuumed out aeration tank with Geno and got tank drain valve open.
05/07/2012 Vacuumed sump in aeration tank for maintenance 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 Clarifier Skimming's. Installed new seals on lids on Meadow Brook Road.
05/18/2012 Installed new ring and lid on Albion Street manhole.
05/21/2012 High Level alarm for Platts Mill Pump Station.
05/22/2012 Safety Meeting. Safety innovation 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 Excavated covered manhole on Fox Run Road.
05/25/2012 Filled in hole on Fox Run Road
05/29/2012 Primary Clarifier Skimming's.
05/31/2012 High velocity cleaning of plant ash lines. Manhole was raised up on Fox Run Road.

7. Adjournment.

The Commissioners wished Chairman Merancy a Happy Birthday.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **ADJOURN** the meeting at 6:51 P.M.

Attest: Catherine Aresta, Secretary/dl