

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
MARCH 21, 2013**

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:

Bill Hardy, Kleinfelder
George Pendleton, Kleinfelder
Ray Topazio, TRC

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **New Business and Correspondence.**
3. **Old Business.**
 - A. **Commission Discussion Regarding Kleinfelder on the Naugatuck Facilities Plan.**

Bill Hardy from Kleinfelder Discussed the Draft Contract for the I/I Cash Flow Schedule which included added extra general conditions as required by CTDEEP. This was sent to CTDEEP for review and "Prior Approval." When CTDEEP approves it they will process it for signatures and they will have Veolia ready to start as soon as they get the go ahead.

Bill explained the following on the cash flow schedule:

1. The fees were increased to adjust rates based on the multi-year approach.
2. Fees will be adjusted further based on comments from CTDEEP.
3. The Borough share may be adjusted slightly based on CTDEEP's determination of eligibility for certain tasks.
4. As the project progresses and invoices are sent into the Borough, the Borough will have to pay the entire invoice and then get reimbursed by the State. Bill also commented that the Borough can submit monthly reimbursement requests

as long as you can show proof of payment for the invoices that are associated with the reimbursement request.

5. Bill commented that he moved a large portion of the WWTP Evaluation into FY14. This will start later this calendar year after they have completed the I/I analysis. Bill mentioned that they do not want to lose momentum and feel they should jump into the WWTP evaluation, specifically the facility assessment. The phosphorous removal assessment will be put off until a new permit is received.
6. Bill explained that he did spread out the SSES over 3 years. It is his belief that when they complete the I/I analysis this summer, they will find a large component associated with the River and Hop Brook which they may want to address quickly. Bill explained that they did not want to lose the spring of 2014 and modified the cash flow by placing \$50,000 in FY14 and did not want to lose the summer of 2014 and modified the cash flow by placing \$50,000 in FY15.

VOTED: Unanimously on a motion by Catherine Aresta and seconded by Pat Mallane to **AUTHORIZE Chairman Ronald Merancy to Sign an Agreement with Kleinfelder Northeast, Inc. for Professional Services in Connection with the Wastewater Facilities Plan Including Infiltration/Inflow Evaluation, Evaluation of Incinerator, Incinerator Pilot Testing and Evaluation of WWTP Odor Control System. The Authorization Shall Be Contingent on the DEEP Approval of the Contract and Grant Funding, Review and Approval By the Borough Attorney and Final Approval of the Total Compensation.**

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

4. Acceptance of Regular Meeting Minutes for February 21, 2013.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for February 21, 2013.

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

5. This report summarizes the activities at the Borough POTW for February 2013:

This report summarizes the activities at the Borough POTW for [February](#) 2013:

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.	-	160
Effluent Avg.	30	6
Removal Efficiency	85%	96%
Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	112
Effluent Avg.	30	4
Removal Efficiency	85%	96%

Naugatuck Middlebury

Oxford	OTR			
February Flow Avg. (MGD)	6.7	0.760	0.076	N/A
Sludge Liquid Total (MGal)				
2.807				
Sludge Cake Total (Wet Tons)				
6154.84				
Septage Total (MGal)	11,250	7,000	46,250	
265,300				
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

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

1. Compliance & Regulatory Issues

- a. There was one recorded Odor Complaint for February 2013. No cake deliveries 1 ½ hours before/after the 4 PM complaint, no wind, 20 F temperature, thus this is unsubstantiated.
- b. The WESP repairs remain 98% completed (~\$27,800 to date in repair costs). CTDEEP will be notified in March assuming no additional leaks develop that the NOV mandated repairs have been completed. The mandoor gasketing is proving difficult to seal and remains a work in progress. New gasketing is on order.

2. Personnel

- a. No report.

3. Health & Safety

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

4. Operational Information

- a. Incinerator operations for February averaged 87.4% capacity. Uptime averaged 95.7%, average dry ton feed/hour was 3.20 (3.5 is permit max).
- b. The wet well was cleaned of scum/rags on Feb 25, 2013 using the staff and vac truck.

5. Collections

- a. No issues to report.

6. Maintenance

- a. The original #1 Thickener transfer pump was replaced with a rotary lobe pump. The pump is SCADA controlled and fully operational.
- b. New primary sludge transfer pumps (Vaughn chopper pumps) were purchased and will be installed in March/April.
- c. A compressed air pressure transmitter was ordered so the compressed air system can be monitored.
- d. An original thickener isolation valve for the #2 thickener was replaced. Additional plug valves were also purchased as some other original plug valves no longer seal.
- e. A rotary lobe pump was purchased and installed in February for the centrifuge feed pump.
- f. The 85 HP raw sewage pump installation is in progress and should be complete in mid March.
- g. The incinerator recycle tray scrubber water pump installation has finally started.
- h. The schedule 160 Abel discharge piping installation continues. Replacement sch 160 piping and labor is estimated at \$70,000 to \$80,000.
- i. Northeast Conveyor will be scheduled to inspect the outside Spirac conveyors (\$13,500) around March 11. About one week later, the 53 foot conveyor will be replaced (\$4000). All parts are staged and ready for installation. Our staff will assist Northeast conveyor.
- j. The west WESP repairs are approximately 98% completed. Replacement gasketing is being installed.
- k. Due to the lack of proper headworks the bulk of the problems in the primary tanks continue to be caused by rags on sprockets and grit. The cross collector flights installed about 2 years ago are showing signs of wear from the grit.
- l. In March we are planning on replacing two of the original vertical conveyors.

6. Capital Projects

- a. The Pillar turbo aeration blowers (\$325,780) have been ordered with a May 2013 arrival date. The approved incentive from CL&P was \$254,600 which is applied toward to blower cost/installation. At this time, we are investigating contractors to install the blowers. A conference call was held on February 27 to discuss the final SCADA control logic for the blowers with Pillar personnel, NIC Systems and John Daunis. The blowers may arrive by the end of March or early April.

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

Calls for Service: **This Month** **Contract**
1 **Year to Date**

1	21 & 23 Olive Street	1	5
2			

Calls Caused By Collection System: **Reason**

1	None	
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Line Flushing (feet)

		This Month	Feet	Year to Date	Feet
		8350		106100	
1	Ruela Drive		165		
2			230		
3			85		
4			230		
5			645		
6	Lincon Street		260		
7			240		
8			160		
9			175		
10			290		
11			175		
12			80		
13			340		
14			155		
15			260		
16	Forest Street		220		
17			435		
18			355		
19			100		
20			125		
21			100		
22			25		
23	Lincon Street Easment		325		
24	June Street		150		
25			175		
26			25		
27	Vine Street		260		
28			555		
29	Bird Street		395		
30			140		
31	Bird Street Easment		290		
32	Spruce Drive		190		
33			145		
34			230		
35	Plant Roads		40		
36			150		
37			430		
38					
39					
40					

Line TV (feet)		This Month	Year to Date
		0	825
1	None		
2			
3			
4			
5			
6			
7			
Root Treatment (chemical or simply use of root cutter)		0	Year to Date 3250
1	None		

- Pump Station Cleanings:**
- 1 02/06/2013 Inwood Pump Station
 - 2 02/18/2013 Hop Brook Pump Station
 - 3 02/19/2013 Inwood Pump Station
 - 4

- Pump Station Inspections:**
- 1 02/01/2013 Checked all 5 stations
 - 2 02/08/2013 Checked all 5 stations
 - 3 02/15/2013 Checked all 5 stations
 - 4 02/21/2013 Checked all 5 stations

Vac Truck Information

Days Out In Use	This Month	Remaining
Contract	8	47
150		

Fuel Information	Fuel Cost	Fuel Used		Total Year to Date Gallons
	\$180.00	40.4	Gal	805.8 Gal
	\$196.00	43.9	Gal	Total Year to Fuel Date Cost
			Gal	
This Months Total	\$376.00	84.3	Gallons	\$4,846.00

vac truck	Mileage	YTD	Month Start	Month End	Engine Hours
	160812		4181.5	4234.1	
	161761				
Total	949	0	Total	52.6	

Vac Truck Repairs:

Vendor	Repair item	Cost

Utility Truck	Fuel Cost	Fuel Used		Total Year to Date
Fuel Information	\$210.01	48.4	Gal	Year Date Gallons
	\$73.55	16.95	Gal	294.048
	\$137.00	30.724		Year to Date Fuel Cost
	\$420.56	96.074	Gallons	\$1,281.58

Mileage

Highlights

- 02/04/2013 Call in to Platts Mill Pump Station for low level.
- 02/05/2013 Call in to Inwood Pump Station for high level. Fixed electrical service that was ripped from building. Did monthly report.
- Met Westin & Sampson at Inwood Pump Station to square away the floats. Did VVNA compliance training.
- 02/06/2013 Sanded plant roads. Cleaned all trucks. Replaced manhole cover on Lincoln Street.
- 02/07/2013 Prepared for the blizzard. Went and got parts and fuel for trucks and snow throwers.

02/08/2013 to 02/12/2013 Snow Removal at plant and pump stations.
02/13/2013 Finished snow removal at pump stations. Worked on Utility Truck.
02/14/2013 Took ABS pump representative out to our pump stations. Cleaned our trucks.
02/18/2012 Monthly safety meeting. Marked pave over manholes in Indian Hills area of town. Lots of them.
02/20/2013 Vaced out storage tank.
02/22/2013 TW came to Horton Hill Pump Station to replace broken pump connector, and to Inwood Pump Station to replace breaker.
02/25/2013 Vaced plant wetwel with PL.
02/27/2013 Checked flows during rain storm. Made an I&I list. Call in to Inwood Pump Station for high level.

5

6. Adjournment.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **ADJOURN** the meeting at 6:30 P.M.

Attest: Catherine Aresta, Secretary/dl