

**WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING MINUTES  
MARCH 15, 2012**

Chairman Ron Merancy called the regular meeting to order at 6:01 PM with the following in attendance:

**MEMBERS:**

Ron Merancy, Chairman  
Catherine Aresta, Secretary  
Pat Mallane

**OTHERS:**

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

**ABSENT:** Rimas Balsys, Vice Chairman

**VISITORS:** Attorney Kevin McSherry  
Doug Columb, Grasshopper Lawns  
John Kenworthy, Surveyor  
Joseph DeSomma

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **A. Acceptance of Regular Meeting Minutes for December 15, 2011.**

**VOTED:** Unanimously on a motion by Catherine Aresta and seconded by Ron Merancy to **ACCEPT** the Regular Meeting Minutes for December 15, 2011.

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

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- B. Acceptance of Regular Meeting Minutes for January 19, 2012.**

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for January 19, 2012.

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

C. **Acceptance of Regular Meeting Minutes for February 16, 2012.**

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for February 16, 2012.

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

3. **Executive Session.**

Tabled to the next Regular WPCA meeting scheduled for April 19, 2012.

4. **Commission / Discussion Regarding Old Business.**

A. **Commission / Discussion regarding a proposed addition to the existing Unimetal Surface Finishing Industrial Building on East Waterbury Road.**

Tabled to the next scheduled WPCA regular meeting on April 19, 2012.

B. **Commission / Discussion update regarding Old Business on New Haven Road Parcels # 1198, #1202, and 1204 for Joseph DeSomma.**

Jim Stewart stated that he wrote a letter (included in today's packet for Commissioners to review). Jim received a call back from James Knox and explained what was going on. Then spoke with his Attorney. Jim commented that the Attorney seemed very willing and eager to give us an easement for the sewer going across 1183 New Haven Road and didn't seem to be negative or have any issues about it. They do not want to responsible for the sewer. He requested a letter and wants to speak with the Borough Attorney Ned Fitzpatrick. Jim made a packet and is forwarding it to Attorney Fitzpatrick.

Ron Merancy commented as long as it built to our standards and Jim reviews it and the Engineering Department makes a recommendation to the board based on their opinion on whether we should accept it or not.

C. **Commission / Discussion regarding a proposed Residential Housing Development of 9 Efficiency Units and 2 One Bedroom Units for property located at 56 Terrace Avenue.**

Attorney McSherry on behalf of Doug Columb is requesting an approval from the WPCA regarding a confirmation on what the applied connection fee.

Attorney McSherry stated that he forwarded a letter to the Commission (included in today's packets for Commissioners to review) that came with a clarification

from the Borough of Naugatuck, Office of the Assessor confirming that the occupancy noted on the current Vision Field Cards represents Eight (8) Units defined as a Single Occupancy for this Building located at 56 Terrace Avenue. The letter defines units as families.

Attorney McSherry commented that Doug has agreed to any additional fees for a ninth, tenth or eleventh unit.

Chairman Merancy stated that when they have their plans they need to get their permits based on how many units there are.

Jim Stewart commented that when it goes to Zoning they will need a Water Pollution Control Board sign off prior to getting the Building Permit. That's when the fees are assessed and calculated.

The Commission advised Attorney McSherry and Doug Columb that WPCA will consider 56 Terrace Avenue to be an approved Eight (8) Unit, Single Occupancy Building based on the information submitted by the Borough of Naugatuck Assessor's Office. If the "USE" of the building changes to exceed the eight (8) units, a connection fee will be added for whatever units are added and the fee will be based on whatever year they decide to change it.

For example: the current fee is \$4250.00 and next year it is \$4500.00, etc.

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **Consider 56 Terrace Avenue an Approved Eight (8) Unit, Single Occupancy Building, based on information supplied by the Borough of Naugatuck, Office of the Assessor. If the "USE" of the building changes to exceed the eight (8) units, a connection fee will be added for whatever units are added, the fee will be based on whatever year they decide to change it.**

**VOTE:** In Favor: 3                      Opposed: 0                      Abstained: 0  
Motion Carried: 3-0-0  
Approved as an Eight (8) Unit, Single Occupancy Building.

5. **New Business and Correspondence.**

A. **Commission Discussion regarding the (WWTF) Waste Water Treatment Facility, Reference for Qualifications (RFQ) Review for a Consultant.**

Jim Stewart stated that we have a Permit coming in any day that requires a Facility Plan and mentioned that Grants are issued on a first come, first serve basis with limited funds available. To apply for the Grant there must be a Consultant in place. Applications and Materials must be in by May 1st, 2012. Next is setting up an interview panel, then the panel will interview the top five

pre-qualified consultants. The chosen qualified consultant can then start to work up a proposal and a quote of what it would cost to do everything. In the meantime, we should have the Permit and the Consultant could refine what services he will give us and then we could apply for our Grant.

Jim Stewart stated that no action is needed to advertise for the Consultants.

**B. Commission Discussion regarding a Letter dated March 5, 2012 for the Sanitary Sewer Main on New Haven Road.**

The letter was information related to (4-B) regarding Old Correspondence on 1198, 1202 and 1204 located on New Haven Road.

**C. Commission Discussion regarding a Letter submitted from Chemtura dated February 27, 2012.**

The subject of the letter was related to a January 2012 Discharge Monitoring Report for Permit SP0000065. The report noted that there was an elevated concentration of Diphenylamine.

**D. Commission Discussion regarding Guerrera Construction Company.**

Commissioner Catherine Aresta had a question regarding Guerrera Construction for the project that was done on North Hoadley Street. Catherine asked if they wanted more money. Jim Stewart commented "Yes." They do want more money and said he met with the Attorney's to discuss the issue. A letter was sent to Guerrera Construction advising them "No" there would be no more money. There has been no response yet.

Jim also stated that Guerrera Construction Company still needs to fix a manhole, some curbing and do more paving and mentioned that he was approached by the Gas Company regarding repairing the gas main all the way up on North Hoadley. They don't want Guerrera Construction to patch it yet. Jim mentioned that he can't wait until the fall to patch, repair and pave the trench.

**6. This report summarizes the activities at the Borough POTW for February 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.	-	188
Effluent Avg.	30	<5
Removal Efficiency	85%	97%

Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	158
Effluent Avg.	30	<4
Removal Efficiency	85%	97%

	Naugatuck	Middlebury	Oxford
<b>OTR</b>			
<b>January</b> Flow Avg. (MGD)	6.0	0.560	0.137
Sludge Liquid Total (MGal)			N/A
3,429.5			
Sludge Cake Total (Wet Tons)			
7360.12			
Septage Total (MGal)	21,000	15,500	77,250
408,750			
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	0	0

#### 1. Compliance & Regulatory Issues

- a. There was one Odor Complaints in February 2012.
- b. A meeting was held with the Borough attorneys and their Controller on Feb 16, 2012. Mark Zimmerman, Jon Hoisak and John Batorski attended. The meeting detailed the settlement amount the Borough (via ARI) claims they are due from Veolia. A response is being drafted by Jon Hoisak, Mark Zimmerman and Jeff Levy.

#### 2. Personnel

- a. John Batorski attended a meeting of the Naugatuck High School Career Committee on Feb 8 at 1:15 PM.
- b. Joe Pinto, Maintenance Planner submitted his resignation effective March 9, 2012.
- c. John Batorski and Geno Burke were deposed for two accidents at the facility. In July 2009 a contractor broke his arm while removing a pipe from the aeration tank (A portable crane was overloaded, bent and fell on his arm, the other accident occurred in 2004. A Synagro truck driver allegedly slipped on ice while unloading a liquid sludge truck).
- d. The Westover School is scheduled for a tour March 23, 2012.

- e. Veolia has reserved a booth (\$500) and made a \$500 donation for the annual Duck Race. The booth will be staffed by Veolia personnel.

### **3. Health & Safety**

- a. There were no recordable safety related incidents in February.
- b. The Quarterly Safety committee meeting was held February 13 2012.

### **4. Operational Information**

- a. Guerrera Construction is claiming additional charges above their initial bid for the Hoadley Street sewer project. This issue remains under investigation.
- b. Per Roland Denny (CTDEEP), the new NPDES permit for the Borough is being drafted and is going through their internal review process in February and should be moving to public notice next month.
- c. The north ash lagoon is empty and staff switched from the south to the north lagoon on Feb 21, 2012. The ash from the south lagoon will be removed once the lagoon is drained.
- d. Training for this month consisted raw sewage pump operation with a SCADA failure. High flow procedures were also reviewed.

### **5. Collections**

- a. A coupling broke at the Maple and May pump station February 3, 2012. During the pump station inspection, Collections staff observed a small amount of liquid seeping through the pavement. All notifications were made within 2 hours and within 5 hours all required repairs were completed.
- b. Six month jetting list remains on track.
- c. February 17 we received a call from 41 Locust St. Collections discovered grease and a dip in the sewer (which may require repair) which was the cause of a sewage backup the basement. CCTV of the sewer revealed excessive grease throughout the sewer. Collections are investigating the source of the grease and have placed that section of the sewer on the six month cleaning list.
- d. February 24<sup>th</sup> call came in from Alarm Company for low level at Platt's Mill pump station. Collections responded and discovered a bad float was causing pumps to stay on. The float was replaced.
- e. Jon Mongie from UGAM was on-site to look at river sewer line for camera work.
- f. Mike Forish, Collections Operator is scheduled to attend a PCAP (Pipeline Assessment and Certification Program) training class at the Southbridge WWTP on March 20 and 21, 2012. Colt Szczygiel, Collections Operator will be scheduled for the next available PACP class. The class certifies and allows the staff to assess sewer/manhole condition using common standards.

### **6. Maintenance**

- a. ABS pumps will provide a try and buy pump program for the raw sewage pumps. The 60 HP pump would become an 85 HP pump at a cost of \$46,000. The 100 HP pump would become a 115 HP pump.
- b. The J Spin PLC code is being revised. There are many original code issues that impair the performance of the units.

- c. Sections of wear strips were replaced on the primary tank return flight supports. The steel work for the above water level wear strips has deteriorated to the point they will require replacement.
- d. The East belt press drive was replaced. A new belt and a roller were also installed.
- e. The foreign sludge unloading door was replaced.
- f. Primary sludge pump #1 failed and was repaired (new bearings and sleeve).
- g. A primary sludge flow meter was installed. The flow is monitored, and trended on the SCADA System.
- h. The spare aeration tank internal recycle pump has been repaired and is back onsite.
- i. A new Vaughn chopper pump was installed to replace a thickener transfer pump.
- j. Waste sludge pump #3 was rebuilt with a new rotor and stator

#### **7. Capital Projects**

- a. The insulation installation for the hot oil heat exchanger and ductwork is complete.
- b. Pricing to insulate the exterior incinerator shell should be available in March 2012.
- c. The aeration blower energy efficiency project was approved with a grant totaling \$237,500 with a completion date of Aug 31, 2012. Bids are under evaluation.
- d. Jackie Miller (Joseph Miller Consultants) will provide full sets drawings to relocate the emergency cooler to a location adjacent to the primary heat exchanger/preheat burner. The oil cooler specs have been completed and bidders have been contacted to furnish pricing/delivery. The goal is to have the new oil cooler onsite by September/October 2012. Initial estimates are in the \$80,000 range for the cooler.

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

<b>Calls for Service:</b>	<b>This Month</b>	<b>Contract Year to Date</b>
1 41 Locust Street	2/17/2012	22
2 11 Loran Circle	2/20/2012	

**Calls Caused By Collection System:**

1 41 Locust Street	Reason Main line was plugged with grease and roots
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<b>Line Flushing (feet)</b>		<b>This Month</b>	<b>Year to Date</b>
		<b>13350</b>	<b>93424</b>
		<b>Feet</b>	<b>Feet</b>
1	Farmstead Lane	540	
2		290	
3	Graham Ridge Road	290	
4		275	
5		75	
6		90	
7	Morning Mist Road	275	
8	Snow Crystal Road	500	
9	Corn Tassel Road	400	
10	Sunburst Road	285	
11		575	
12	Rustling Reed Road	275	
13		375	
14		250	
15		325	
16	Fox Run Road	225	
17		400	
18	Morning Mist Road	650	
19	Union City Road	240	
20	City Hill Road	395	
21	Horton Hill Road	200	
22	Tawny Thrush Road	600	
23	Allen Street	200	
24	Tole Square	175	
25		70	
26	General Dalton Drive	600	
27	General Patton Drive	600	
28	Conrad Street	310	
29	Locust Street	500	
30	Bowman Street	185	
31		110	
32	Bowman Street Siphon	300	
33	Auburn Street	375	
34	Spencer Street	400	
35	Prospect Street Siphon	320	
36	Woodland Street	500	
37		225	
38	Southview Ave	300	
39	Allerton Road	225	
40	Phenox Ave	425	

**Line TV (feet)**

		<b>This Month</b>	<b>Year to Date</b>
		<b>723</b>	<b>3616</b>
1	Morning Mist Road	145	
2	Inwood Dischard Line	3	
3	General Patton Drive Siphon	200	
4	Ash Road	175	
5	Loran Circle	200	
6	Locust Street	40	
7	Locust Street	112	
	<b>Root Treatment (chemical or simply use of root cutter)</b>	<b>200</b>	<b>3357</b>
1	Ash Road	200	

**Pump Station Cleanings:**

1	Maple & May	2/3/2012
2	Inwood Dischard	2/14/2012
3	Platts Mill	2/16/2012
4	Inwood	2/17/2012

**Pump Station Inspections:**

1	All 5 stations	2/3/2012
2	Dishchard Lines	2/9/2012
3	All 5 stations	2/17/2012
4	All 5 stations	2/24/2012

**Vac Truck Information**

**Days Out In Use**

**Contract**

**150**

**This Month**

**15**

**Remaining**

**43**

**Fuel Information**

**Fuel Cost Fuel Used**

\$237.08	55.4	Gal
\$213.00	49.8	Gal
\$247.00	56.7	Gal
\$235.36	56.3	
<b>\$697.08</b>	<b>218.2</b>	<b>Gallons</b>

**Total Year to Date Gallons**

**1060.3 Gal**

**Total Year to Fuel Date Cost**

**\$5,954.84**

This Months Total

**Vac truck**

	<b>Mileage</b>	<b>YTD</b>		<b>Engine Hours</b>
Month Start	146710		Month Start	3440
Month End	147983		Month End	3510
<b>Total</b>	<b>1273</b>		<b>Total</b>	<b>70</b>

**Vac Truck Repairs:**

Vendor	Diganeiro Truck Service				
Repair item	Fuel system blockage / Annual inspection				
Cost	Unknown				
Vendor	Diganeiro Truck Service				
Repair item	Replaced jetter 3 way valve				
Cost	Unknown				

**Utility Truck**

**Fuel Information**

**Fuel Cost Fuel Used**

\$130.02	30.386	Gal
\$150.00	35.055	Gal
\$51.44	11.802	Gal
<b>\$331.46</b>	<b>77.243</b>	<b>Gallons</b>

**Total Year to Date**

**Year Date Gallons**

**370.423**

**Year to Date Fuel Cost**

**\$1,536.39**

**Mileage**

**Highlights**

2/1/2012	PM & repairs on both trucks.	Installed fire extinguishers Maple & May, Inwood, Platts Mill, Horton Hill.
2/3/1986	Called for main break at Maple & May pump station.	G&L construction did the repairs while we bypassed the station.
2/6/2012	Cleaned Primary Clairfier skimmings and sump	
2/8/2012	Found a good belly in line on Morning Mist Road.	Between manhole #'s 11-75 and 11-24.
2/9/2012	Dye test easment we found between Medow Lark Road and Tawny Trush Road not on the map.	
2/9/2012	Inspected Simsbury Road easment.	Access road is not passable. Should be cleared in case of emergency.
2/13/2012	Cleaned Primary Clairfier skimmings and sump	

2/14/2012 Cleaned septic drop area troth.  
2/15/2012 Inwood discharge main has a 75% blockage. Have it on camera.  
2/16/2012 Tested spare pumps for Horton Hill and Platts Mill stations.  
2/17/2012 Tomaz came to stations for repairs. Changed sequencing relay at Inwood. Replaced status lights at Maple & May.  
Made a list of other repairs needed at stations and will be coming back out.  
2/20/2012 Cleaned Primary Clarifier skimmings and sump  
2/20/2012 Took plant safty guy to our stations for inspection.  
2/20/2012 Vaccumed out Thickener gate for Caldon crew to replace gate.  
2/21/2012 Patched hole we made to get at cleanout on Loran Circle.  
2/23/2012 Vaccumed out drains in the Thickener building.  
2/25/2012 Replaced float at Platts Mill station.  
2/27/2012 Cleaned Primary Clarifier skimmings and sump  
2/28/2012 Put the demo block from UGAM to help break up grease in Inwood wetwell.  
2/28/2012 Measured distance of Inwood force main. ~2376ft. If it was changed to go up Maple Hill Road, it would be ~1372ft.

## 8. Adjournment

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADJOURN** the meeting at 6:42 P.M.

Attest: Catherine Aresta, Secretary/dl