

**WATER POLLUTION CONTROL AUTHORITY  
REGULAR MEETING MINUTES  
AUGUST 21, 2014**

**Chairman Ron Merancy called the Regular Meeting to order at 6:01 PM with the following in attendance:**

**MEMBERS:**

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

**OTHERS:**

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

**VISITORS:**

Attorney Michael McVerry	Remzi Nasufi- 46 Prospect St – Owner-Vinny’s
Roger Spinelli, Consultant	Vesel Nasufi - 46 Prospect St – Owner-Vinny’s
Al Shepard, Engineer	Jim Cormier, Owner - Lots W12/W13- Rubber Ave
George Pendleton, Kleinfelder	Barbara and Sandra Levay -17 Forest St
Daniel Gorka, Veolia Water	Brian Baker, P.E. – Civil 1
Andy Bazinet, CPV Towantic	
Cliff Crosman, Burns and Roe	

1. **Ron Merancy opened the meeting with the Pledge of Allegiance and Welcomed Jeffrey Hanson as the Newest Commissioner to the Water Pollution Control Board.**
2. **No Executive Session.**
3. **New Business and Correspondence.**
  - A. **Commission Discussion Decision Regarding Approval for a Proposed Sanitary Sewer Main Extension for Property on Lots W-12 and W-13 Located at The Views at Longmeadow Brook on Rubber Avenue Extension.**

Alan Shepard on behalf of his applicants advised the commission that lots W-12 and W-13 are 2 separate existing parcels that were laid out in 1949 at the end of

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Rubber Avenue Extension. He stated that there is a sanitary sewer running through the rear of the lots. The proposal is to make 1 connection into that line From Lot 12 with a connection and easement through Lot 13, connecting into the sewer in the back of the property. This will limit the impact to the wetlands.

Al Shepard, Engineer also commented that there are 2 existing building lots and explained that they want to have separate laterals side by side and connect into the existing sewer main. The proposed construction is for a PVC pipe with a sleeve for extra protection (for the wetlands), core drill into the sewer line, put on a saddle and tie into it.

Chairman Ron Merancy questioned the lines being side by side, and asked if each lateral would be clearly marked. Al Shepard, Engineer answered, yes.

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Application Plan for the Project on Lots W-12 and W-13 Rubber Avenue Extension - The Views at Long Meadow Brook, Submitted for Review to the Director of Public Works, Jim Stewart and Subject to Complying with the comments of the WPCA Engineering Report written for this project.

**VOTE:**            **In Favor: 5**                    **Opposed: 0**                    **Abstained: 0**

**Motion Carried: 5-0-0**

**WPCA Engineering Report**

Project: Lot W-12 and Lot W-13 Rubber Ave Extension

Applicant: The View at Long Meadow Brook LLC

Engineer: NOK, Alan Shepard.

**Comments:** James R Stewart, P.E. L.S. Director of Public Works

**Application Approved with the following conditions:**

1. The Sewer details must match the Borough standard details.
  - a. The sewer trench detail is a force main it appears from the grades that a gravity system will work.
  - b. Provide a lateral connection detail that includes a saddle. Each lateral must be clearly marked.
2. The profile shows a 60' sleeved section of pipe, provide detail on the proposed method of sealing the ends of the pipe and the device used to secure the pipe in the sleeve. Show the 2 separate sleeve sections on the plan where proposed.
3. Place a note on the plans that states, the sewer lateral must be pressure tested.

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4. Place a note on the plans that states, the sewer connection fee shall be paid prior to construction.
5. Place a note on the plans that states, the WPCA approval will expire after 5 years if construction is not begun.
6. Place a note on the plans that states, 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.

### **B. Commission Discussion Decision Regarding Sewer Assessment and Connection Fees for Property Located at 17 Forest Street.**

Sandra and Barbara Levay of 17 Forest Street is requesting a waiver of the hookup fee into the city sewer system and explained to the commission that back in 1980 the town sent a letter stating that the balance of the unpaid sewer assessment was deferred without interest under Project 16 and they would not be required to tie into the sewer until a health problem arises and would be required to tie in at that time using a pump.

Sandra explained that it has now become a health issue; it is leaking into the back yard and needs to be done as soon as possible.

Chairman Ron Merancy explained that they would refer the issue to the Borough Attorney and if the attorney agreed the WPCA would waive the connection fee but the assessment would still be due.

### **C. Commission Discussion / Presentation / Possible Decision Regarding the Towantic Energy Project.**

CPV Towantic, LLC is the co-owner of a proposed power plant on located at Woodruff Hill Road, Industrial Park in Oxford, CT.

Andy Bazinet of CPV Towantic, LLC explained that in a letter, dated February 26, 2014, the DEEP issued approval for CPV Towantic, LLC to install a 200 gallon per minute pH neutralization system and a 3,000 gallon oil/water separator for the treatment of wastewater associated with steam electric generation prior to being discharged to the Naugatuck Publicly Owned Treatment Works (“POTW”) via the sanitary sewer system in the Town of Oxford in accordance with plans and specifications filed on July 14, 1999.

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Andy Bazinet explained that there have been changed conditions in technology and approach over the past 15 years requiring them to consider the potential effect on wastewater discharge. These changes include the water source, given that the water company providing water to the facility, Heritage Village Water Company has expanded its resources, as well as the influent water quality.

Cliff Crosman, of Burns & Roe explained that the actual sewer discharge will vary somewhat according to operating conditions when the facility is firing natural gas it ranges from 5.2 to 26.5 gallons per minute and when the facility is firing oil it ranges from 5.2 to 25.4 gallons per minute which is equivalent to a 24 hour flow of about 7,500 to 38,160 gallons per day.

Cliff Crosman also explained the minor changes in facility equipment and described as follows:

- An off-site regenerated ion exchange system will be used to produce demineralized water, neutralized regeneration wastewater will not be discharged from a pH adjustment tank.
- Heat Recovery Steam Generator blowdown will be recovered and reused, therefore, boiler blowdown will not be discharged.
- Without a wet surface air cooler, no blowdown will be discharged from such equipment.
- The facility plans to utilize evaporative coolers; therefore, evaporate cooler blowdown will be discharged to the sewer system.

Chairman Ron Merancy commented that WPCA wants to make sure the discharge is metered and that WPCA receives copies of the monitoring reports.

**VOTED:** Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **AUTHORIZE** John Batorski to **REVIEW** and **APPROVE** their Discharge Permit Application.

**VOTE:** In Favor: 5                      Opposed: 0                      Abstained: 0  
Motion Carried: 5-0-0

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**D. Commission Discussion Decision on Authorizing Chairman, Ron Merancy to Sign the Service Contract for Wastewater Treatment System Capital Improvements and Asset Management Contract Administration Memorandum (CAMS) No. SC 2014-1 AND the Incineration Facilities Lease Agreement Contract Administration Memorandum (CAMS) No. IF 2014-1 Dated July 1, 2014.**

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **AUTHORIZE** Chairman Ron Merancy to Sign CAMS No. SC 2014-1 and IF 2014-1 Dated July 1, 2014 for Contract Year 13.

**VOTE:** In Favor: 5                      Opposed: 0                      Abstained: 0  
Motion Carried: 5-0-0

**E. Correspondence Letter Dated July 16, 2014 from CT DEEP Regarding an invoice for the NPDES Permit Publication Fee.**

Jim Stewart explained that this is a letter Regarding the NPDES Permit Publication Fees for advertising cost by DEEP. Jim forwarded it to John Batorski, Veolia Water and John informed Jim that it has been paid by Veolia.

**F. Correspondence Letter from Chemtura Dated July 23, 2014 Regarding Monitoring Report for June 2014 – Permit SP000065.**

No Discussion.

**G. Correspondence Letter Dated August 4, 2014 from Veolia Water Regarding SSI Upgrades and Insurance Information.**

Jim Stewart commented that this is a letter from Daniel Gorka regarding a request for a preliminary plan proposal to design, construct and operate additional emissions equipment required for the new EPA SSI Regulations for the incinerator, mercury removal. Also, may need an extension on the deadline and a request for the ongoing request for insurance payment, currently in litigation.

**H. Correspondence Letter Dated August 11, 2014 from ARI Regarding Meeting in Torrington to Discuss Phosphorus Credit Trading.**

Jim commented that the Facilities Plan for Torrington specifies the Actiflo system for phosphorus removal. Ray Drew, plant manager at the wastewater treatment plant and the WPCA Administrator at the City of Torrington is willing to consider trading phosphorus credits with Naugatuck.

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### **4. Old Business.**

#### **A. Commission Discussion Decision Regarding Determination of Fees for the Proposed Retail Building at 46 Prospect Street.**

Attorney McVerry on behalf of the applicant Remzi and Vesel Nasufi, owners of property located at 42, 46, and 48 Prospect Street are in the process of proposing to demolish the existing buildings and replace them with a 4,500 square foot commercial building, housing a convenience store/gasoline station and a donut shop with a drive through. As part of the special permit application process, they are required to receive approval from the WPCA commission for the sewer connection and the approval was granted subject to complying with the comments contained in the Engineering Report from James Stewart for this project. Mr. Stewart's comments called for the payment of sewer connection fees prior to any construction. The current buildings total approximately 4,800 square feet and each lot contains a separate sanitary sewer lateral and the proposed building will be 4,500 square feet and contain only one sanitary sewer connection.

Attorney McVerry on behalf of his clients Remzi and Vesel Nasufi, are requesting a credit for the difference, based on the decrease in square footage for the total buildings. Currently three sewer laterals exist and are being reduced to one and they suggest that no charge be assessed based on these factors.

Chairman, Ron Merancy commented that it's a new commercial building, therefore, it's a new connection fee and that commercial rates are different than residential rates.

Remzi responded saying they are eliminating 3 buildings to one.

Chairman, Ron Merancy commented that there will be no ruling tonight and it will be referred to the Borough Attorney.

#### **B. Commission Discussion Regarding the Facilities Plan Update.**

George Pendleton from Kleinfelder explained that they finalized their memorandum regarding reviewing the Waterbury Sludge Swap stating the financial analyst does not appear feasible at this time and without a substantial increase to available grant funding from the state. Work activities are now out of the facilities plan pending the budget referendum.

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Jim Stewart explained that we don't have a budget yet. We had \$800,000 put in the capital funds to fund the design of the incinerator improvements as well as to fund the facilities plan. They removed it from the budget and proposed that it will be going into the referendum in November. Jim said Kleinfelder submitted a letter requesting some sampling which will be addressed.

George explained that in early August they evaluated the schedule for the deadline regarding the compliance on the NPDES Permit and what critical items need to be done now. Phosphorus and Nitrogen are seasonal limits and if we have to wait a few months closer to November it might impact the schedule. The sampling for the treatment plant should be done now then it can be set aside and wait until they can do the analysis of that data.

Jim commented that we need to continue with the facilities plan but there are certain regulations on the referendum, as far as, can you get reimbursed for cost prior to the referendum. The bond council said something about 60 days. It may be possible to be reimbursed for expenditures up to 60 days prior to the referendum, but Jim will confirm that. George said that would put us in early September. Jim said if he can confirm that and we can go ahead. If it doesn't pass we will have to figure out another method of funding of funding.

George commented that they received correspondence from DEEP regarding the NPDES Permit. There were no comments. They are preparing to finalize the process and issue the permit. Whatever date they issue it, that's when the clock starts for the compliance on the permit.

### **C. Commission Discussion Regarding the North Main Siphon Repair Update.**

George commented on the the retaining wall that was starting to partially collapsed between the North Main Street Bridge and Route 8 overpass. They completed the survey work recently and have put together the preliminary design that shows the progress of the design and are preparing to submit that. They have an open wetlands permit application and will be submitting that to the next scheduled meeting on September 3, 2014.

### **5. Acceptance of Regular Meeting Minutes for July 17, 2014.**

**VOTED:** Unanimously on a motion by Rimas Balsys and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for July 17, 2014.

**VOTE:**           **In Favor:** 3                   **Opposed:** 0                   **Abstained:** 2  
**Motion Carried: 3-0-2**

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### 6. Following is the WWTF Monthly Operations Summary Report

#### **A. Monthly Operations for July 2014.**

#### **B. John Batorski Report.**

John reported an event that took place on July 29<sup>th</sup>. He received a call from the Police Department. A fisherman noticed water overflowing in the Water Street area of Naugatuck, in a sewer that runs between the Metro North railroad line and the Naugatuck River. DOT was called and they sent a flagman. The jetting nozzle kept stopping dead and wouldn't break through. They needed 3 bypass pumps and the pumps had suction lines that ran under the Metro North tracks. The CCTV inspection revealed wood, rocks, beach ball, broom handle, asphalt and a missing manhole cover which would suggest vandalism. The collections crew were able to partially break through a portion of the blockage and remove the rocks that caused the blockage. The Repair cost to resolve the blockage are expected to be in the \$50,000 to \$60,000 range and possibly more. A complete breakdown of all costs is being prepared. Jim Stewart commented and said he contacted the insurance company to see if this would be covered and they told him that underground pipes are not a covered item in the coverage.

**Borough of Naugatuck  
Monthly WPCF Report July 2014**

This report summarizes the activities at the Borough POTW for July 2014:

**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.	-	220
Effluent Avg.	30	5
Removal Efficiency	85%	98%
Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	132
Effluent Avg.	30	4
Removal Efficiency	85%	97%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
July Flow Avg. (MGD)	4.2	0.478	*	N/A
Sludge Liquid Total (MGal)				3,816.3
Sludge Cake Total (Wet Tons)				4763.3
Septage Total (MGal)	52,190	57,500	161,500	806,350

Discharge Permit Exceedance: None

\* Flow not available at time of report.

**Safety Incidents and Odor Complaints**

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	0	6
Unconfirmed Odor Complaints	1	1

**1. Compliance & Regulatory Issues**

- a. There were no Odor Complaints for July 2014.
- b. There were two conference calls with TRC on the new emission system for the incinerator.
- c. A meeting was held July 30, 2014 at the Torrington WWTP with Jim Stewart, Atty Ned Fitzpatrick, Kathy Luvisi (ARI), George Pendelton (Kleinfelder) John Batorski and Ray Drew, Supt of Torrington WWTP. The meeting was held to determine if the Torrington WWTP would be interested in selling potential phosphorous credits to the Naugatuck WWTP.
- d. The new NPDES Permit was published for comment.

**2. Health & Safety**

- a. Monthly safety meetings were held.

**3. Operational Information**

- a. The Piller aeration blowers require an external cooler when ambient temperatures exceed ~95F. Proposals have been requested for an external cooler. The control logic was modified to allow the blowers to operate per the design specification.

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**Monthly WPCF Report January 2013**  
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- b. The #4 secondary tanks repairs are complete.
- c. The submersible mixers in aeration anoxic zone 4A failed. Four existing abandoned industrial above water mixers will be installed.
- d. Roof repairs to the sludge storage dome have been scheduled.

**4. Collections**

- a. On July 29, 2014 there was partial collection sewer blockage (pictures are at the end of the report) in the Water Street area of Naugatuck. The repair was complicated in that the sewer runs between a Metro North railroad line and the Naugatuck River. Godwin Pumps was called to supply 3 bypass pumps. These pumps had their suction lines run under the Metro North tracks. Any work performed near the live track requires a Metro North flagman be present. The CCTV inspection (lines had to be run under the tracks) revealed rocks, wood, and similar material suggesting vandalism. On Saturday, Aug 2, the Collections crew was able to partially break through a portion of the blockage. By Tuesday, Aug 5, the crew removed the rocks that caused the blockage. We will CCTV the sewer line upstream of the blockage to determine if there are additional unidentified issues to resolve. Repair costs to resolve the blockage are expected to be in the \$40,000 to \$50,000 range possibly more.

- b. Work continues with the flowmeter issue on the Platts Mill pump station.

**5. Maintenance**

- a. The hot oil cooler controls and piping installation is complete.
- b. Northeast Water performed annual inspections and maintenance on the Spirac and related conveyors. Many liners required replacement.
- c. Parts are on site to modify the mixer shafts on 4 abandoned mixers (above water) that were once used for the industrial treatment portion of the Naugatuck facility. These mixers will be installed in the anoxic zones of the aeration tanks replacing submersible mixers that failed.
- d. The recirculation pump for the dewatering scrubber was replaced.

**6. Capital Projects**

- a. The hot oil cooler project is 95% complete.

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**7. Adjournment.**

**VOTED:** Unanimously on a motion by Pat Mallane and seconded by Jeffrey Hanson to **ADJOURN** the meeting at 7:24 P.M.

Attest: Catherine Aresta, Secretary/dl