

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
AUGUST 20, 2015**

Chairman Ron Merancy called the Regular Meeting to order at 6:02 PM with the following in attendance:

MEMBERS:

Ron Merancy, Chairman
Rimas Balsys, Vice Chairman
Pat Mallane

OTHERS:

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

ABSENT: Catherine Aresta
Jeff Hanson

VISITORS:

Dan Gorka, Veolia
Natalie Verlezza, Veolia Plant Engineer
Ken Vozzo
Matt Smith, Giuseppe's Pizza
Dave Lineweber
Vesel Nasufi
Doug Gaudiosi

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
 2. **No Executive Session.**
 3. **No Public Comment.**
 4. **Old Business.**
- A. **Commission Discussion Possible Decision Regarding the Automatic Grease Recovery Unit (AGRU) for Property Located at 1183 New Haven Road – Giuseppe's Pizza Restaurant.**

Matt Smith explained that Dave Lineweber snaked and repaired the line and said there was no problem with the grease trap; it was the sewer line that was clogged.

The commission voted:

VOTED: Unanimously on a motion by Pat Mallane and seconded by Rimas Balsys to **WAIVE THE FINE** on the Automatic Grease Recovery Unit (AGRU) for Property Located at 1183 New Haven Road – Giuseppe's Pizza Restaurant Subject to Providing Receipts with Appropriate Dates as Proof that Repairs were Done.

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

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B. Commission Discussion Regarding an Update on the Gunntown Road Area Odor Issue Oxford Sewer.

No reported current issues. No Discussion.

C. Commission Discussion Regarding the Facilities Plan Update.

Jim Stewart reported that the work is continuing and things are ongoing with more items coming.

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

Jim Stewart reported that the bid did not go well; it was with the same group of bidders and said he has a meeting tomorrow to discuss the project.

5. New Business.

A. Commission Discussion Possible Action Regarding an Approval on a Re-subdivision Plan for Property Located on Lots 72-82 Rollingwood Drive - Apple Hill Estates with Ken Vozzo.

The commission voted:

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **APPROVE** the Re-subdivision Plan for Property Located on Lots 72-82 Rollingwood Drive - Apple Hill Estates Subject to the Conditions within the Engineering Report.

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

**WPCA
Engineering Report**

Project: Morgan Development Lot 82 Re-subdivision
Location: Lot 82 Rollingwood Drive
Plans: 7-27-2015
Applicant: Morgan Development Corp
Engineer: R.J. Desrosiers and Associates
James R Stewart, P.E. L.S. Director of Public Works
Date: 8/20/2015
Revised: n/a

Comments:

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

1. The sewer connection fee shall be paid prior to construction.
2. Sewer lateral construction shall meet current engineering department standard details.
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.”

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B. Commission Discussion Regarding Proposed Sewer Connection from Garage to Main Sewer Line for Property Located at 24 Golden Court Regarding a Renovation to an Existing Garage for a Hair Salon.

The commission voted:

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **APPROVE** the Sewer Connection with the Condition that it have its own lateral directed to Golden Court. The Approval is Subject to the Following Conditions.

1. **The WPCA approval will expire after 5 years if construction has not begun.**
2. **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.”**

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

A. Commission Discussion Regarding Sewer Connection Fees and Sewer User Fees.

The commission voted:

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **FREEZE** the Current 2015 Sewer Connection and Sewer Usage Fees and Subject to Revisiting the fees on a year to year basis.

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

3. Correspondence Received and Reviewed.

- A. Correspondence Received from Chemtura Dated June 22, 2015 regarding the Annual Monitoring Report for the Naugatuck Water Pollution Control Effluent Permit SP0000065.
- B. Correspondence Received from Chemtura Dated July 27, 2015 regarding the Annual Monitoring Report for the Naugatuck Water Pollution Control Effluent Permit SP0000065.
- C. Correspondence from ARI Dated July 10, 2015 Regarding ARI Monthly Meeting to Discuss Naugatuck Issues.
- D. Correspondence Received from ARI Dated August 11, 2015 Regarding Review of a Veolia Letter Dated July 14, 2015 for the Waterbury Sludge Contracts.
- E. Correspondence Received from Daniel Gorka Dated July 14, 2015 to The Honorable Mayor Robert Mezzo Regarding Waterbury’s Wastewater Sludge Bid.
- F. Email Correspondence From John Batorski Dated June 29, 2015 Regarding Laurel Park Groundwater Discharge.
- G. Email Correspondence from John Batorski and Natalie Verlezza Dated August 11, 2015 Regarding Lounsbury Street Cleaning.

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- H. Email Correspondence from CT DEEP Dated May 20, 2015 Regarding Review of the Wastewater Infrastructure Plans and Specifications for Non-Clean Water Fund Projects.
- I. Correspondence from CT DEEP Dated June 30, 2015 Regarding a Report on Operation and Maintenance of the Wastewater Treatment Plant Inspection on May 11 and 13, 2015.
- J. Email Correspondence Received from Tighe and Bond to Jim Stewart Dated July 22, 2015 Regarding Sewer Data.
- K. Email Correspondence from Jim Stewart Dated July 22, 2015 Regarding a Revised Sewer Fee Analysis.
- L. Correspondence from Waterbury's WPCA to Jim Stewart Dated June 12, 2015 Regarding Sewer Use Charges FY 16-19.
- M. Email Correspondence from Jim Stewart to Denis Cuevas Regarding Naugatuck Flow Calculation using data supplied by Veolia reviewed for the FY15.
- N. Invoice sent to Middlebury Regarding FY 2014 Agreement for Sewage Removal and Treatment Between the Borough of Naugatuck and the Town of Middlebury.
- O. Correspondence from CT DEEP Regarding a Fact Sheet Draft on the General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments. (Renewal)
- P. Correspondence from CT DEEP Regarding Bureau of Water Protection and Land Reuse Notice of Tentative Decision to Issue the General Permit for the Discharge of Wastewater Associated with Food Preparation Establishments.
- Q. Correspondence Regarding **Review Draft** of the Incineration Facilities Lease Agreement Contract Administration Memorandum No. IF 2015-1 Dated July 1, 2015. (CAMS)
- R. Correspondence Regarding **Review Draft** of the Service Contract for Wastewater Treatment System Capital Improvements and Asset Management Contract Administration Memorandum No. SC 2015-1 Dated July 1, 2015. (CAMS)
- S. Correspondence from ARI Regarding **Review Draft** of the Incineration Facilities Lease Agreement Annual Adjustment of the Base Rent and other Financial Amounts for Contract Year 14 Dated July 1, 2015 – June 30, 2016.
- T. Correspondence from ARI Regarding **Review Draft** of the Service Contract for the Wastewater Treatment System Capital Improvements and Asset Management of Annual Contract Year 14 Dated July 1, 2015 – June 30 2016.

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

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **TABLE** the Regular Meeting Minutes for June 18, 2015 to September 17, 2015.

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

5. Other Business.

VOTED: Unanimously on a Motion by Ron Merancy to **ADD** Lots 18 and 30 Raytkwich Road To the Agenda.

No Discussion and Item was "**Tabled**" to next WPCA Meeting Scheduled for September 17, 2015.

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WPCA - Added Item 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:

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. Adjournment.

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **ADJOURN** the meeting at 7:57 P.M.

7. Attached is the June 2015 and July 2015 WWTF Monthly Operations Summary Reports.

Attest: Catherine Aresta, Secretary/dl

Monthly WPCF Report June 2015

This report summarizes the activities at the Borough POTW for June 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.	-	103		
Effluent Avg.	30	5		
Removal Efficiency	85%	96%		
Plant Process Data*				
	Limit	Actual		
Carbonaceous BOD (mg/l)				
Influent Avg.	-	145		
Eff Avg (Nov 1 - May 31)	25			
Eff Avg (June - Oct 31)	15	4		
Removal Efficiency	85%	97%		
Discharge Permit Exceedance: None				
	Naugatuck	Middlebury	Oxford	OTR
June Flow Avg. (MGD)	4.7	0.828	0.043	N/A
Sludge Liquid Total (MGal)				7033.7
Sludge Cake Total (Wet Tons)				4013.1
Septage Total (MGal)	65,330	47,000	200,500	654,800
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	3	5
Unconfirmed Odor Complaints	0	1

1. Compliance & Regulatory Issues

- a. There were two separate visits by CTDEEP odor inspectors. No odors were noted during the visit.
- b. The Water Compliance Inspection Report was received from the May 2015 inspection (copy attached). A reply for the report was prepared (attached) to clarify the report statements.
- c. As the Board is aware, the incinerator requires new emission controls (change of law) by March 2016. We understand it may be possible for an extension to March of 2017 from EPA if a plan for compliance is approved by them. This issue is becoming more important as we approach the deadline. Design time, approvals and equipment lead time for 2017 completion are fast approaching (2016 compliance may not be possible). Unless we have written approvals from EPA/CTDEEP to operate the incinerator past March 2016, we have no option but to shut it down.

2. Odor Complaints

- a. There were 2 odor complaints in June.

3. Personnel

- a. An operator started June 24 replacing the operator that transferred to the Redding facility. The new operator has a Grade 1 wastewater operator in training certificate from CTDEEP.

4. Health & Safety

- a. The June Safety Meeting consisted of crane safety, ladder safety and a review of the June 9 Safety Audit findings.
- b. The plant safety audit was performed in June. Minor identified corrections should be completed in 30 to 45 days.

5. Operational Information

- a. Two additional ventilation fans one of which replaced an existing failing roof top fan were operational at the end of June. The fans will continuously draw air from the merchant cake unloading area as opposed from the roof top.

6. Collections

- a. No major items to report.

7. Maintenance

- a. The North centrifuge was rebuilt.
- b. The Spirac conveyors operations now have Lead/Lag controls in an effort to further automate/streamline operations.
- c. The #1 raw sewage pump seal failed after approximately two years of operation. The pump was repaired (\$4300) and returned to service.
- d. The Borger pump for the primary sludge thickener was rebuilt after over 2 years of continuous operation.
- e. The venturi elbow had ceramic castable applied to the refractory surface.
- f. CCC-1 and CCC-2 conveyors both failed and were repaired in place. Each of these conveyors will have to be changed at a scheduled date in the next 6 months. They cost approximately \$8000 each and require 12 hours to change. In addition, VC-3 failed and a \$28k critical spare was used to save time. Critical spare gearboxes were ordered for the Spirac drive (~\$10k).
- g. The CEM PLC power supply failed as well as the CO and O2 input card. Minor reprogramming was required.

8. Capital Projects

- a. No report.

**Borough of Naugatuck
Monthly WPCF Report July 2015**

This report summarizes the activities at the Borough POTW for July 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
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Total Suspended Solids (mg/l)		
Influent Avg.	-	266
Effluent Avg.	30	5
Removal Efficiency	85%	98%

Plant Process Data*	Limit	Actual
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Carbonaceous BOD (mg/l)		
Influent Avg.	-	161
Eff Avg(Nov 1 - May 31)	25	
Eff Avg(June - Oct 31)	15	4
Removal Efficiency	85%	97%

Discharge Permit Exceedance: None

	Naugatuck	Middlebury	Oxford	OTR
July Flow Avg. (MGD)	4.4	0.413	0.043	N/A
Sludge Liquid Total (MGal)				5761.7
Sludge Cake Total (Wet Tons)				4307.0
Septage Total (MGal)	42,250	67,250	220,000	742,350
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

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

1. Compliance & Regulatory Issues

a. No report.

2. Odor Complaints

a. There was 1 odor complaint in July. That same day neighbors (3 doors away at a 4th of July party) from the person that complained did not detect any odors.

3. Personnel

a. No report.

4. Health & Safety

a. The July safety meeting was present by a Grade 3 staff operator. That is the third staff member to present at a safety meeting.

5. Operational Information

a. The plant engineer continues to furnish requested information to Kleinfelder.
 b. We have been in contact with Oxford regarding odors from their main truck line. Discussion included purchasing of potassium permanganate, chemical feed systems and a supplier of that product.

6. Collections

a. The generator for the Maple and May pump station failed. The unit is old and no longer manufactured. A rental unit will be used until the replacement is ordered. Lead time is 10 to 12 weeks and cost estimate is \$20 to \$25k.

7. Maintenance

a. Two centrifuges are in operation as they have both been rebuilt by Hiller.
 b. The Spirac conveyors operations now have Lead/Lag controls in an effort to further automate/streamline operations.
 c. The venturi flooded elbow had ceramic castable applied to the refractory surface.
 d. Vertical conveyor #1 failed on July 30. The conveyor will be repaired with the improved design section from Spirac. The conveyor lasted one year.

8. Capital Projects

a. No report.