

**WATER POLLUTION CONTROL AUTHORITY
SPECIAL MEETING MINUTES
APRIL 19, 2016**

Chairman Ron Merancy called the Special 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
Jeff Hanson

OTHERS:

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

VISITORS:

Neil Kulikauskas, Kleinfelder
Dan Gorka, Veolia Water
Attorney Michael McVerry
Attorney Kevin McSherry

1. Ron Merancy opened the meeting with the Pledge of Allegiance.

2. Old Business.

A. Commission Discussion Regarding the Facilities Plan Update.

Neil Kulikauskas of Kleinfelder reported the following updates for 4/19/16.

Facilities Plan Update:

- Condition Assessment: Field Work and Site Inspections are Complete. The Report has not yet been submitted.
- Arsenic Mass Balance: This work is ongoing.
- Phosphorus Alternatives Evaluation: This work is ongoing.

Incinerator:

- Kleinfelder, the site monitoring plan has been submitted to EPA Region 1 and it is currently under review by EPA.
- The Borough has submitted a 10-day notification letter.

B. Motion to Authorize Chairman Ron Merancy to Sign Amendment 5 Agreement.

The commission Reviewed Amendment 5 and voted:

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to AUTHORIZE Chairman, Ron Merancy to Sign Contract Amendment No. 5 Agreement for Professional Services Dated April 2016 for the Wastewater Facilities Plan and SSES from Kleinfelder.

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

Motion Carried: 5-0-0

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3. New Business.

A. Commission Discussion / Decision on a Special Permit Application Regarding a 30,000 Sq. Ft. Medical Building and a 5,000 Sq. Ft. Commercial Building for Property Located at 58 Maple Street - (Parcel C) with Attorney Kevin McSherry.

The commission voted:

VOTED: Unanimously on a motion by Pat Mallane and seconded by Rimas Balsys to ACCEPT and APPROVE the Site Plan Profile and Detail as Submitted for the Project on 58 Maple Street (Parcel C) Regarding a 30,000 Sq. Ft Medical Building and a 5,000 Sq. Commercial Building and Subject to Complying with the Following Conditions.

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

Motion Carried: 5-0-0

Application Approved with the following conditions:

WPCA Engineering Report

Project: Proposed Commercial Development
Location: Parcel C, Maple and Water Street
Plans: 2-10-16
Applicant: Lombard Group
Engineer: Milone & MacBroom
James R Stewart, P.E. L.S. Director of Public Works
Date: 4/19/16

Comments: I recommend that the above application be approved with the following conditions:

1. The applicants engineer shall provide two external grease traps. The applicant shall submit the sizing calculation for the proposed Grease traps for approval by the Borough Engineer. Details of the proposed grease trap shall be provided on the plans.
2. Sewer installation details meeting the Boroughs requirements shall be provided on the plans.
3. Sanitary sewer connection fees shall be paid in advance of the construction in an amount calculated by the borough engineer.
4. The WPCA approval will expire after 5 years if construction is not begun.
5. A note shall be placed 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.”

B. Commission Discussion Decision on a Special Permit Application for a Site Plan Modification for Property Located at 64-66 Church Street Regarding a Patio Project in the Rear of the Building with Attorney Michael McVerry.

The commission voted:

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VOTED: Unanimously on a motion by Pat Mallane and seconded by Jeff Hanson to **APPROVE** the Site Plan Profile and Detail as Submitted for the Property Located on 64-66 Church Street Regarding a Patio Project in the Rear of the Building.

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

Motion Carried: 5-0-0

C. Commission Discussion Decision on a Special Permit Application on a Site Plan Profile for Property Located at 195 Rubber Avenue with Attorney Michael McVerry.

The Commission Voted:

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Catherine Aresta to **APPROVE** the Site Plan Profile and Detail as Submitted for the Property Located on 195 Rubber Avenue to an Existing Storefront Commercial Building Regarding a Statement of Use.

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

Motion Carried: 5-0-0

D. Motion to Authorize Chairman Ron Merancy to Sign the ST of CT DEEP Modification Consent Order 2048 Mod1 Agreement.

The Commission Reviewed Consent Order 2048 Mod1 Agreement and Voted:

VOTED: Unanimously on a motion by Rimas Balsys and seconded by Pat Mallane to **AUTHORIZE** Chairman, Ron Merancy to Sign the ST of CT DEEP Modification Consent Order 2048 Mod1 Agreement.

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

Motion Carried: 5-0-0

4. Incinerator Upgrades and Compliance.

Discussed in Executive Session.

5. Correspondence Received and Reviewed. No Additional Discussion, Questions or Comments from the Commission.

- A. Correspondence Received from ARI Dated March 7, 2016 Regarding Waste Water Treatment Facility Operation and Maintenance – Contract Year 13 – (July 1, 2014 – June 30, 2015). **TABLED to the WPCA Scheduled Meeting on May19, 2016.**

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- B.** Correspondence Received From Chemtura Dated February 22, 2016 Regarding the Discharge Monitoring Report for January 2016, the Naugatuck Water Pollution Control Facility Effluent-Permit SP0000065.
- C.** Correspondence Received from Chemtura Dated March 28, 2016 Regarding the Discharge Monitoring Report for February 2016, the Naugatuck Water Pollution Control Facility Effluent-Permit SP0000065.
- D.** Correspondence Received From ARI Dated February 29, 2016 Regarding a Memorandum on Meeting to Discuss Phosphorus Credit Trading.
- E.** Correspondence Received From ARI Dated April 11, 2016 Regarding a Memorandum on Monthly Meeting to Discuss Naugatuck Issues.
- F.** Correspondence Dated April 6, 2016 Regarding Clean Water Reimbursement #2 CWF 675-PG.
- G.** Correspondence From DEEP Dated April 7, 2016 Regarding I & I Analysis / Study Approval.
- H.** Letter Dated March 10, 2016 to Town of Oxford WPCA From Borough of Naugatuck WPCA Regarding the Gunntown Road Odor Complaints.
- I.** A Response Letter Dated April 6, 2016 from Town of Oxford WPCA to Borough of Naugatuck WPCA Regarding a Letter sent to Town of Oxford on March 10, 2016 on the Gunntown Road Odor Complaints.

6. Review / Acceptance of Regular Meeting Minutes for February 18, 2016.

The commission voted:

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Catherine Aresta to **APPROVE** the Regular Meeting Minutes for February 18, 2016.

VOTE: **In Favor: 4** **Opposed: 0** **Abstained: 1 – Rimas Balsys**

Motion Carried: 4-0-1

7. Adjournment.

VOTED: Unanimously on a motion by Jeff Hanson and seconded by Catherine Aresta to **ADJOURN** the Special Meeting at **6:30 P.M** and **ENTER** into “**EXECUTIVE SESSION**”.

EXIT OUT OF “EXECUTIVE SESSION” at 7:08 P.M.

8. Attached are the WWTF Monthly Operations Summary Reports for.

- A.** **February 2016**
- B.** **March 2016**

Attest: Catherine Aresta, Secretary/dl

Monthly WPCF Report Feb 2016

This report summarizes the activities at the Borough POTW for Feb 2016:

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 (mg/l)		
Influent Avg.	-	133
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
Feb Flow Avg. (MGD)	5.7	0.700	0.053	N/A
Sludge Liquid Total (MGal)				2534.1
Sludge Cake Total (Wet Tons)				94.23
Septage Total (MGal)	13,750	14,000	61,800	233,950
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

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

1. Compliance & Regulatory Issues

- a. Kleinfelder was on site Feb 17, 2016 for dewatering/incineration equipment assessment.
- b. John Batorski, Chris Makuch, Tom Deller and Natalie Verlezza attended a certification workshop on Feb 25 for the incinerator.
- c. On March 1 and 2, TRC Engineers were onsite for the Borough to collect details on the existing process operating parameter monitoring systems.

2. Odor Complaints

- a. There were no odor complaints in February.

3. Personnel

- a. One Operator position was filled; the other applicant did not pass pre-employment screening. Three interviews were scheduled for the maintenance position. None of the scheduled candidates reported to the interview nor called to reschedule.

4. Health & Safety

- a. The safety meeting was held on Feb 15 and 16.

5. Operational Information

- a. Sludge is being diverted to MDC in Hartford, Mattabasset in Cromwell, and the Veolia Cranston site in Rhode Island. We are reviewing all options for sludge disposal to determine the most economical options.
- b. AS a result of the incinerator unscheduled shutdown, there are 4 cake loads of sludge being processed each day and sent to MDC Hartford.

6. Collections

- a. No report.

7. Maintenance

- a. The tuyere manifold failed and will require a total replacement. The replacement will take approximately 3 to 4 weeks.
- b. The south belt press received a new rotary screen thickener drive.
- c. The thermal dryer thermal fluid leak was repaired.
- d. Replacement liquid dewatering belt press feed pumps are being installed. These pumps replace 40 year old pumps no longer economical to maintain.

8. Capital Projects

- a. No report.

Borough of Naugatuck
Monthly WPCF Report March 2016

This report summarizes the activities at the Borough POTW for March 2016:

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.	-	325			
Effluent Avg.	30	5			
Removal Efficiency	85%	98%			
Plant Process Data*	Limit	Actual			
Carbonaceous BOD (mg/l)					
Influent Avg.	-	173			
Eff Avg (Nov 1 - May 31)	25				
Eff Avg (June - Oct 31)	15	4			
Removal Efficiency	85%	98%			
Discharge Permit Exceedance: None					
	Naugatuck	Middletown	Oxford	OTR	
March Flow Avg. (MGD)	5.3	0.626	0.049	N/A	
Sludge Liquid Total (MGal)				3035.2	
Sludge Cake Total (Wet Tons)				416.8	
Septage Total (MGal)	30,750	29,000	119,250	431,300	
Discharge Permit Exceedance: None					

Safety Incidents and Odor Complaints

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

1. **Compliance & Regulatory Issues**

- a. The Incinerator has not started as result of the March 21, 2016 MACT (Maximum Achievable Control Technology) compliance date.
- b. On March 1 and 2, TRC Engineers were onsite for the Borough to collect details on the existing process operating parameter monitoring systems.
- c. On March 29 Borough elected officials and other vendors toured the facility. The tour was part of the Request for Expressions of Interest from the Borough involving the future of the WWTP after the Veolia contract expires.

2. **Odor Complaints**

- a. There were no odor complaints in March.
- b. Plant staff assisted Oxford staff with determining the source of the odors from the Oxford force main. Dye testing confirmed the source of the odors is from the Oxford force main. On April 1, 2016 Oxford placed a hydrogen sulfide data recorder in the same manhole Veolia did a few months ago.

3. **Personnel**

- a. No report.

4. **Health & Safety**

- a. Monthly safety was Fork truck training. This was both classroom and actual driver training.
- b. Annual respiratory fit testing/training was scheduled for April 4.

5. **Operational Information**

- a. Sludge was being diverted to MDC in Hartford, Mattabasset in Cromwell, Veolia Cranston, Rhode Island and the Ontario County Landfill in NY. In the later part of the month, MDC informed us that they could no longer accept the cake sludge.
- b. Several diffuser rings were replaced during a quick 2 day shutdown of aeration tanks #2 and #3.
- c. Planning is underway for the annual cleaning of the chlorine contact tanks and installation of disinfection/dechlorination equipment.
- d. We are reviewing potential changes regarding employee scheduling, dewatering, and sludge diversions to accommodate the incinerator outage.

6. **Collections**

- a. No report.

7. **Maintenance**

- a. The tuyere manifold was replaced.
- b. The south belt press received a new rotary screen thickener drive.
- c. Two replacement liquid dewatering belt press feed pumps are installed. These pumps replace 40 year old pumps no longer economical to maintain.
- d. The original secondary waste sludge pump for the #4 secondary tank is being replaced. The old Reeves drive is no longer serviceable.
- e. We have requested a quotation from Spirac for a conveyor that would attach to the silo discharge conveyor. The proposed conveyor would allow cake trucks to be loaded in less than one hour. We are limited to 4 cake trailers per day with the sludge cake feed pumps. The proposed conveyor would allow loading of multiple trucks in an 8 hour day, be more cost effective, and eliminate weekend cake loading operations during the period the incinerator is not in operation.

8. **Capital Projects**

- a. No report.

9. **Correspondence:** Letters related to incinerator MACT March 21, 2016 emission regulation.

- a. Letter dated March 7, 2016 from Mayor Hess.
- b. Letter dated March 10, 2016 from Daniel Gorka.
- c. Letter dated March 10, 2016 from EPA.
- d. Letter dated March 24, 2016 from Daniel Gorka.
- e. Letter dated March 30, 2016 from Mayor Hess.
- f. Letter dated April 4, 2016 from Kleinfelder.