

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
APRIL 19, 2012**

Chairman Ron Merancy called the regular meeting to order at 6:00 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

ABSENT: Rimas Balsys

VISITORS: Attorney Pete Hess
Chris Makuch, Assist. Plant Manager, Veolia Water

1. **Ron Merancy opened the meeting with the Pledge of Allegiance.**
2. **Executive Session.**

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ENTER** into Executive Session inviting in Attorney Hess and James Stewart at 6:02 P.M.

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

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **EXIT** out of Executive Session and Reconvene into the Regular Meeting at 6:18 P.M.

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

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ADD** to the meeting's agenda "The First Amendment to Discharge and Access Agreement" for Veolia Water.

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

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **AUTHORIZE** the Board for Chairman Ron Merancy to sign any paperwork necessary to effectuate “The First Amendment to Discharge and Access Agreement” for Veolia Water.

VOTE: In Favor: 3 Opposed: 0 Abstained: 0
Motion Carried: 3-0-0
Authorization Accepted for Chairman Merancy to sign any necessary paperwork for the “The First Amendment to Discharge and Access Agreement.”

3. A. **Acceptance of Regular Meeting Minutes for March 15, 2012.**

VOTED: Unanimously on a motion by Pat Mallane and seconded by Catherine Aresta to **ACCEPT** the Regular Meeting Minutes for March 15, 2012 with a spelling change to correct Catherine Aresta’s name.

VOTE: In Favor: 3 Opposed: 0 Abstained: 0
Motion Carried: 3-0-0
Minutes Approved with a spelling change to correct Catherine Aresta’s misspelled name.

4. **Correspondence.**

A. **Commission Discussion regarding a Letter dated March 29, 2012 regarding the Naugatuck Treatment Plant and Odor Evaluation Report on the Remedial Action Items for Naugatuck dated November 2009.**

The letter (Included in packets for the Commissioners to review) was from Veolia’s Attorney with information related to the recent odor improvement.

No Discussion.

C. **Commission Discussion regarding a Letter dated March 15, 2012 from CT DEEP regarding the Nitrogen Credit Exchange Program Invoice for 2011.**

The subject of the letter was related to an Invoice for Nitrogen Credits. (Included in packets for the Commissioners to review)

No Discussion.

D. Jim Stewart Reported an Update on the Advertising of the RFQ Treatment Plant Facility Plan.

Jim stated that there was a lot of interest and several consultants requested tours of the plant. A tour was scheduled on May 13, 2012 at 1:00 and there were 9 consultants that came and walked the Veolia Waste Water Treatment Facility plant. John gave a nice tour.

5. This report summarizes the activities at the Borough POTW for March 2012:

This report summarizes the activities at the Borough POTW for [March](#) 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.	-	204
Effluent Avg.	30	<5
Removal Efficiency	85%	97%

Plant Process Data*	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	160
Effluent Avg.	30	<5
Removal Efficiency	85%	97%

OTR		Naugatuck	Middlebury	Oxford
March Flow Avg. (MGD)	6.4	0.516	0.097	N/A
Sludge Liquid Total (MGal)	3505.5			
Sludge Cake Total (Wet Tons)	7847			
Septage Total (MGal)	41,350	23,000	115,500	
477,000				
Discharge Permit Exceedance: None				

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	5	6
Unconfirmed Odor Complaints	0	0

1. Compliance & Regulatory Issues

- a. There were 5 Odor Complaints for March 2012, all from the Meadow Brook area. On March 19, Lou Santos, DEEP Air Inspector was on site as result of three odor complaints called directly to CTDEEP at 8 AM. He arrived at the facility approximately 10:30 AM. Prior to that, he was at the Meadowbrook site speaking to the three neighbors that called CTDEEP. While there he only observed a slight short odor in one backyard. He also stated the person working at the cemetery stated he observed a slight odor. The inspector toured the plant and did not observe any odors. He suggested Veolia smoke test the Meadowbrook sewers to rule out any illegal connections that may be the source of the odors. On April 24, the Cross St, Meadow Brook Place and Cotton Hollow sewers will be smoke tested. Public Notice will be advertised in the Waterbury Republican on April 13, 14 and 15th. In addition, packets will be placed in the doors of residents in that area. On March 23, Phil Schnell spent approximately three hours at the facility. He did not observe any odors. Prior to arriving at the facility, he spent several hours near the plant entrance looking for any odors. He did not find any odors although the anoxic zone did have a slight odor that day. There were several requests from CTDEEP relating to completed items from the Wright Pierce Odor Study. Mark Zimmerman emailed the updated table to CTDEEP.

2. Personnel

- a. Geno Burke was nominated for the NEWEA safety award. A NEWEA review board will review all nominations.

3. Health & Safety

- a. There were no recordable safety related incidents in March.
- b. The Monthly Safety committee meeting was in held March.

4. Operational Information

- a. Monday March 12th the Oban spray system for cake unloading area was put back into service.
- b. The quarterly Opacity and CGA tests were completed this month with no issues, the reports will be sent to CTDEEP in April.
- c. Incinerator operations remain at capacity.
- d. The north ash lagoon is being cleaned thus ash hauling has resumed.
- e. Arc Flash training was held March 22, 2012. The instructor is a certified instructor from Eaton Electric. One employee from the Borough Board of education was scheduled to attend.

- f. The Summer Intern position is being advertised.
- g. The Westover School toured the facility of March 23, 2012. Twenty three students and two faculty members were on the tour. Chris Makuch and Tom Deller gave the three hour tour which was very well received.
- h. Respirator fit testing is scheduled during the month of April. Respirator evaluation for personnel has also been scheduled (part of respirator plan). During the fit testing, MSDS review and bisulfate (chemical) hazards will also be discussed.
- i. The plant flow meter calibration was checked and found to be accurate.

5. Collections

- a. Mike Forish attended a PACP (Pipe Line Assessment and Certification Program) training class at the Southbridge WWTP on March 20 and 21, 2012.
- b. On Thursday March 1st Eric Morse from UGAM was in to make GIS improvements to our sewer line mapping system. Mike Forish and Colt Szczygiel, both collections employees, assisted Eric.
- c. Phil Schnell from CTDEEP spoke to the Collections personnel on Friday, March 23 in the Meadowbrook area. The crew was surveying the area to be smoke tested (map attached for reference). Meadow Brook Place, Cross Street, Cotton Hollow Court along with the first manhole on Beacon Valley Road (off Cotton Hollow Court) are scheduled for smoke testing on April 24th. An advertisement will be placed in the Waterbury Republican the weekend of April 15th. In addition relating to the smoke testing will be placed in the doors of the homeowners in the area (copies attached for reference).
- d. Approximately 150 feet of sewer was replaced on Salem Street. The Borough will be invoiced for that repair.
- e. Guerra Construction, the Borough and Veolia will meet in April to review their expectations of additional charges for the Hoadley street sewer repairs.

6. Maintenance

- a. The #4 final settling tank cross collector was repaired.
- b. Quotations have been requested for piping for the incinerator recycle pump. That project will allow tray scrubber water to be recycled back to the venturi.
- c. Extensive shop cleanup is underway.
- d. The installation/cleanup of the bar rack in well underway.
- e. Installation of the new recirculation pump for #2 thickener has started. The old plunger pump will be used for spares for the thickeners.
- f. The primary sludge flow meter was installed. The flow is now trended on SCADA and is complete with low flow alarms. The goal was to eliminate primary cross collector problems due to reduced flow from the primary sludge pumps.

7. Capital Projects

- a. Chemtura has a used chemical scrubber available which includes a carbon absorption system. Attached with the report is a proposal from Wright Pierce to evaluate the scrubber for potential reuse at the Naugatuck site. The scrubber is very similar in size to the scrubber proposed by Wright Pierce in their Odor Evaluation. The scrubber appears in good condition and could represent significant savings if it can be used for the cake unloading site.
- b. Four aeration blower bids were received. Aerzen at \$366,800, Piller at \$353,200, ABS at \$ 225,800, and Neuros at \$ 334,180. The aeration blower energy efficiency grant is \$237,500 with a completion date of Aug 31, 2012. Jen Muir is evaluating the bids to determine the most efficient unit. A letter will be sent to the WPCA for their approval of the project.
- c. Jackie Miller (Joseph Miller Consultants) has completed the oil cooler specs and bidders have been contacted to furnish pricing/delivery. The goal is to have the new oil cooler onsite by September/October 2012.

Borough of Naugatuck
Collections System Report
March 2012

Calls for Service:	This Month	Contract
	4	Year to Date 26
1 55 Birch Street		
2 Cold Spring Circle		
3 Cold Spring Circle		
4 Brook Street		

Calls Caused By Collection System:	Reason
1 Cold Spring Circle calls	Lot of root balls in the lines. Used root cutter.

Line Flushing (feet)		This Month	Year to Date
		21040	114464
		Feet	
1	David Street	800	
2	Locust Street	500	
3	Cold Spring Road	95	
4	Woodcrest Circle	240	
5	Sweeny Road (old line)	190	
6	Rockwell Ave	620	
7	North Main Street	725	
8	Pembroke Road	120	
9		260	
10		75	
11	Cobblestone Court	440	
12	Cold Spring Circle	250	
13	Brook Street	280	
14		380	
15		150	
16	Cold Spring Circle	220	
17		160	
18		160	
19	Naugatuck Commons Line	120	
20	Gail Drive	265	
21		255	
22		300	
23		135	
24	Ramsy Easment	310	
25		135	
26		115	
27	Ramsy Ave	115	
28		450	
29	Brittnay Lane Easment	250	
30		245	
31	Ramsy Easment	100	
32	Brittnay Lane	80	
33		250	
34	Pondview Road	170	
35	North Main Street	580	
36		240	
37	Golden Court	150	
38	High Street	620	
39	May Street	275	
40	Marsh Hill Road	245	
41		95	
42		100	
43		95	
44		100	
45		145	
46	Michelle Lane	250	
47	Marsh Hill Road	95	
48		195	
49	Christy Lane	205	
50	Brittany Lane	475	
51		95	
52		60	
53	Pondview Road	185	
54		300	
55		305	
56		340	
57	Crestwood Road	175	
58		300	

Borough of Naugatuck
Collections System Report
March 2012

59		275
60		240
61		245
62		100
63		120
64		145
65		135
66		550
67		190
68	Autum Ridge Road	170
69	Sunset Drive	225
70	Craig Circle	260
71		120
72		320
73	Peirce Lane	425
74	Craig Circle	410
75	Sunset Drive	180
76		440
77	Birch Street	630
78		320
79		380
80	Hilltop Road	100
81		475

Line TV (feet)	This Month	Year to Date
	860	4476
1 Locust Street	260	
2 Rockwell Easment	600	

Root Treatment (chemical or simply use of root cutter)	This Month	Year to Date
	1040	4397
1 Locust Street	500	
Cold Spring Circle	540	

- Pump Station Cleanings:**
- 03/05/2012 Hop Brook and grease pit
 - 03/05/2012 Maple & May
 - 03/07/2012 Inwood

- Pump Station Inspections:**
- 03/01/2012 Check all 5 stations after storm
 - 03/02/2012 Checked all 5 stations
 - 03/09/2012 Checked all 5 stations
 - 03/16/2012 Checked all 5 stations
 - 03/23/2012 Check all 5 stations
 - 03/30/2012 Check Hop Brook and Platts Mill stations

