

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES
MAY 21, 2009**

Chairman Merancy called the Regular Meeting to order at 6:00 p.m.

Present: Ronald Merancy
 Rimas Balsys
 Steven Cote
 Catherine Aresta

Also Present: James Stewart, Borough Engineer
 Maryann Kempa, Secretary
 John Batorski, Veolia Water
 Burgess Michael Ciacciarella
 Wayne McAllister, Controller
 Atty. Pete Hess

Pledge of Allegiance to the Flag – recited

Chairman Merancy noted a letter from Robert Villano resigning from the WPCA as he has moved to Beacon Falls. A letter has been forwarded to Mayor Mezzo from Jim Stewart requesting a new Commissioner be appointed.

Acceptance of Minutes

Motion was made by Commissioner Aresta and seconded by Commissioner Cote to accept the regular meeting minutes of March as submitted.

Discussion: None Vote: 3 in favor Abstained: 1 Opposed: 0

Veolia Water

John Batorski, Treatment Plant Manager, presented the Monthly Operating Report for March 2009.

1. Highlights and Significant Issues:

The plant met all NPDES effluent limits.

Red Zone and Bahr Sales have completed their NOV collection system inspections which total around 15,000 feet. No major problems were noted with the exception of manhole 10-13. Approximately 100 ft. of sewer remains to be inspected near Manhole 10-13 and should be completed by the end of April 2009. A sand bag was pulled from the manhole at 10-13. A buildup of grit (which will be removed) has complicated the inspection. McVac will inspect the manhole the week of April 13th. It may be necessary to use a drag line bucket for cleaning, as to date; numerous high-pressure jetting with assorted nozzles has not been totally effective. The CT DEP response for the Collections System NOV will be completed as soon as all of the information is available.

2. Collection System Update:

Please see new form attached. This form remains a work in progress.

3. Plant Performance Summary:

We are awaiting a draft NPDES permit from the CTDEP. Please see the attached DMR Report for performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	422
Effluent Avg.	30	5
Removal Efficiency	85%	96%

Plant Process Data		
Carbonaceous BOD		
Influent Avg.	-	192
Effluent Avg.	30	<2
Removal Efficiency	99%	99%

Plant Flow Data	Naugatuck	Middlebury	Oxford	OTR
Flow Avg. (MGD)	6.3	.707	.102	0.000
Sludge Liquid Total (MGal)				5.92
Sludge Cake Total (Dry Tons)				4.1
Septage Total (MGal)				1.2
(N/R: Not Reported)				

Discharge Permit Exceedances

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	3	4
Unconfirmed Odor Complaints	2	2

4. Maintenance

1. SCADA and plant computers upgrades continue. Major revisions are underway. Approximately \$50,000 was allocated to update the system.
2. A bid was awarded to New England Masonry to replace the Admin Roof at a cost of \$44,322.
3. Quotations are being solicited to replace the HVAC systems for the Admin Building and Control Room.

4. A new hot sand removal procedure has been implemented A container has been purchased to cool/transfer the sand.
5. A new Maintenance PM system, called Oracle, is being prepared. The system will allow better tracking of maintenance activities and will be installed within six months.
6. Extensive shop cleanup is underway. Another storage trailer has been purchased along with additional storage cabinets and racks.
7. The six original fire hydrants along the Aeration Tank perimeter are being replaced at a cost of \$12,000.
8. A variable frequency drive was replaced on a centrifuge.

5. Other Issues:

1. A meeting was held on Monday, March 30 at CTDEP. The meeting is to discuss a draft abatement order for control of mercury emissions. A draft mercury emission control permit is likely within the next few months.
2. Odor Control issues thus far:
 - a) A rental potassium permanganate feeder from Carus Chemical has arrived and is operational as of the week of April 6th.
 - b) The Carus Chemical Rep will be onsite the week of April 6th to evaluate the facility for additional odor sources and provide assistance with the feeder installation.
 - c) Additional foul air from the dewatering area will be sent to the incinerator through the fluidized air blower. Quotations for additional ductwork are being obtained.
 - d) A high pressure odor counteractant system is being installed in the sludge cake unloading area.
 - e) All foul air piping was adjusted using manometers. Smoke testing in April will confirm settings.
 - f) A replacement recirculation pump for the primary odor control system has been received. Installation will be scheduled.
 - g) Septage grinder installation continues.
3. A part time Document Clerk position has been added. The position will assist the current Administration Clerk as needed. The person should start by the end of April 2009.

Collection System Summary – March 2009

Line Flushing (feet)		This Month 5,505 Feet	Year to Date 16,576 Feet
3-4-09 Hotchkiss Street	13-5 downstream	150	
3-10-09 Harlow Court	5-111 to 5-113	335	
3-10-09 Stonybrook Siphon	2-64 to 2-72	335	
3-12-09 Golden Hill Street	7-265 to 7-274	375	
3-12-09 Park Avenue	6-271 to 6-272	500	
3-12-09 Cherry Street	12-3 to 12-19	125	
3-16-09 Hotchkiss Street	13-5 downstream	150	
3-20-09 Damson Lane	6-240 to 6-256	920	
3-25-09 Breen Field	10-12 to 10-13	500	

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES, MAY 21, 2009**

3-25-09 Maple Street	10-205 to 10-206	290
3-26-09 Greenwood Street	7-54 upstream	210
3-26-09 Porter Avenue	3-10 to 2-30	185
3-26-09 Diamond Street	7-41 to 7-52	240
3-26-09 Brennan Street	7-42 to 7-51	330
3-26-09 Church Street	9-2 to 9-211D	350
3-31-09 Cherry Street	9-73 to 12-19	510

Line TV (feet)	This Month	Year to Date
	3,237	12,936
3-5-09 Red Zone		
3-6-09 Red Zone	150	
3-9-09 Bahr Sales	1,793	
3-16-09 Bahr Sales	846	
3-23-09 Bahr Sales	448	

Pump Station Cleanings

All 5 Stations 3-6-09
 All 5 Stations 3-13-09
 All 5 Stations 3-20-09
 All 5 Stations 3-27-09

Vac Truck Information

Days Out In Use

Contract	This Month	Remaining
150	12	118

Fuel Information	Fuel Cost	Fuel Used	Total to Date Gallons
3/18/2009	\$98.47	40.5 Gal	217.3 Gal
3/31/2009	\$82.09	33.5 Gal	Total Year to Date Fuel Cost
This Month's Total	\$180.56	74.0 Gallons	\$403.30

Mileage	Miles	Monthly Total
Engine Hours	Hours	1187 Miles 65.1 Hours

Vac Truck Repairs:	Vendor	Bahr Sales
	Repair Item	
	Cost	

**WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES, MAY 21, 2009**

Fuel Information	Fuel Cost	Fuel Used	Total to Date Gallons
Utility Truck	\$54.89	22.59	150.53
			Total Year to Date Fuel Cost
			\$313.62
This Month's Total	\$136.50	56.19 Gallons	
		Mileage 36199	807 Year to Date
		Vendor	3/17/09 NAPA Auto Parts
		Repair Item	2-Batteries and return old
		Cost	\$205.48

Highlights

- 3/5 & 3/6 Red Zone TV Work P.O. # 7693
- 3/9 Bahr Sales TV Work P.O. #7600
- 3/9 State police/Traffic Control P.O. #7694
- 3/10 Vac'd skimmings from the primary sump
- 3/16 Bahr Sales TV work P.O. #7731
- 3/18 Universal Equipment/Ladder Rack P.O. # 7720
- 3/19 Samples sent to lab for asbestos test (pump station demo) pd-credit card \$95.00
- 3/23 Lineweber Bros. Manhole cover P.O. #7760 for Fitzpatrick – Church Street
- 3/23 Bahr Sales TV Work P.O. #7759
- 3/24 DiGennaro/D.O.T. Vehicle Inspection P.O. #7763
- 3/30 Water & waste started the wetwell rehab on the Inwood Pump Station PO #7625
- 3/31 Water & waste installed safety nets on our wetwells - 5 pump stations PO #7625

This report summarizes the activities at the Borough POTW for April 2009:

1. Highlights and Significant Issues:

The plant met all NPDES effluent limits

The CT DEP report for the Collections System NOV has started. I hope to complete it in about 30 to 45 days.

2. Collection System Update:

Please see new form attached. This form remains a work in progress.

3. Plant Performance Summary:

Staff from CT DEP, Yvonne Hall, Stacy Pompano and Craig Matesky visited the plant on Monday, May 4, 2009. The purposed of the site visit was to walk through the facility as part of the permit renewal process. They indicated a new permit can be expected this September/October. The new permit will require phosphorous removal at 0.7 mg/1 or 0.2 mg/1, most likely the lower number as it is based on the flow of the Naugatuck River. Other items they implied will be in the new permit are: a headwork's evaluation (Bar Rack and

Screenings removal), weekly phosphorous sampling, and a plant evaluation (what may be required for the next 20 years of operation).

Please see the attached DMR Report for performance details.

Plant Process Data	Limit	Actual
Total Suspended Solids (mg/l)		
Influent Avg.	-	244
Effluent Avg.	30	<5
Removal Efficiency	85%	99%

Plant Process Data	Limit	Actual
Carbonaceous BOD		
Influent Avg.	-	123
Effluent Avg.	30	<2
Removal Efficiency	85%	99%

Plant Flow Data	Naugatuck	Middlebury	Oxford	OTR
Flow Avg. (MGD)	7.2	*	*	0.000
Sludge Liquid Total (MGal)				7.289
Sludge Cake Total (Dry Tons)				4.1
Septage Total (MGal)				1.024

*N/R: Not reported at time of report)

Discharge Permit Exceedances – none

Safety Incidents and Odor Complaints

	Month	YTD
Recordable Accidents	0	0
Lost Time Accidents	0	0
Odor Complaints	1	5
Unconfirmed Odor Complaints	1	2

4. Maintenance

1. SCADA and plant computers upgrades continue.
2. New England Masonry is scheduled to replace Admin Roof at a cost of \$44,322 the week of May 11, 2009.
3. HVAC System for the Control Room has been replaced to include new ducts. Admin Building HVAC replacement is also scheduled.
4. Extensive shop cleanup is underway.

5. A centrifuge requires extensive maintenance to the hydraulic scroll motor. Repairs will be scheduled.
6. The drive motor was replaced on the thermal drying unit. Excessive rag buildup within the equipment caused the unit to abruptly stop. The rags buildup caused considerable damage to rags and plows.
7. The primary cross collector was repaired. Rag buildup was the problem.

5. Other Issues:

1. Odor Control improvements thus far:
 - a) A rental potassium permanganate is operational.
 - b) Sodium permanganate is being fed to the belt presses to control odors in the dewatering building.
 - c) A high pressure odor counteractant system has been installed in the sludge cake unloading area.
 - d) A replacement recirculation pump for the primary odor control system has been installed.
 - e) Septage grinder installation is 90% complete.
 - f) SCADA screens depicting odor control are being developed.
2. The \$2600 Consent Order fine for odors will simply be paid. The final Consent Order is expected within a month. It will state that the fine will be paid. DEP will also require an Odor Study performed by a consultant, most likely during the month of June or July of 2009.
3. The Assistant Plant manager has elected to transfer to the Veolia IBM Southbury facility. A replacement for that position has started.
4. A part time Document Clerk position has been hired and started work in mid April.
5. A RCM (Reliability Centered Maintenance) person will be hired to facilitate the extensive maintenance requirements at the facility.
6. Aeration tank control upgrades should begin within the next month. This will be a 3 to 4 month project.
7. The ash along the ash lagoons was tested for radio activity and the results were normal background levels. An ash truck taking the ash to Southbridge Landfill, MA activated a radiation alarm. A report from an ECS (Environmental Compliance Services) of Agawam, MA will detail the findings. A truck driver who had medical tests (radioactive dye) performed is thought to have been the reason the alarm was activated.

Collection System Summary – April 09

Calls for Service:	This Month	Year to Date
	1	12
4/6/09 Neary Building - Storm catch basin surcharged		
4/10/09 6 Casper Ct. - Main line has some flat spots in it, We will put it on the 6 month list		

Calls Caused by Collection System: None

Line Flushing (feet)

	This Month	Year to Date
	5,330 Feet	21,906 Feet
4/6/09 Bingham Street - 7-232 to 7-234	315	
4/9/09 Firehouse parking lot - catch basin	285	
4/8/09 GDC parking lot – storm drain	30	
4/8/09 Manners Ave. – 9-80 to 9-83	215	
4/8/09 Russell Street – 9-80 to 9-83	215	
4/9/09 Manners Ave. – 9-39 to 9-80	215	
4/9/09 Lewis Street – 9-39 to 9-49	290	
4/9/09 Spencer Street – 12-17 to 12-4	400	
4/10/09 Casper Court – 6-126a to 6-127	470	
4/14/09 Grove Street – 6-305 upstream	170	
4/14/09 May Avenue – 6-305 to 6-320	325	
4/15/09 City Hill School – 7-206 to 7-207	305	
4/16/09 Terrace Avenue – 6-334a to 6-334	550	
4/22/09 Southview Street – 9-193a to 9-193c	300	
4/27/09 Prospect Street Siphon – 7-99 to 7-140	320	
4/27/09 Bowman Drive – 16-14 to 16-55	110	
4/27/09 Elm St. Siphon – 9-31a to 9-31b	65	
4/28/09 Allerton Road – 6-73 to 6-74	190	
4/28/09 Quinn Street – 6-171 to 6-171a	525	
4/30/09 Simsberry St. – vac work/cleaning old pump station		

Collection System Summary

Line TV (feet)

	This Month	Year to Date
	1,185	16,222
4/14/09 Casper, May	935	
4/21/09 Hotchkiss Street 10-13 to 10-12	250	

Pump Station Cleanings:

4/21/09 Maple & May
4/24/09 Platts Mill

Pump Station Inspections:

4/3/09 All 5 Stations
4/10/09 All 5 Stations
4/23/09 All 5 Stations

Vac Truck Information

Days Out In Use

Contract	This Month	Remaining
150	14	104

Fuel Information	Fuel Cost	Fuel Used	Total to Date Gallons
3/18/2009	\$56.17	22.9 Gal	268.6 Gal
	\$69.59	28.4 Gal	
This Month's Total	\$125.76	51.3 Gal	Total Year to Date Fuel Cost
			\$529.06

Monthly Total

Mileage	Miles	1187 Miles
Engine Hours	Hours	65.1 Hours

Vac Truck Repairs:	Vendor	Bahr Sales
	Repair Item	
	Cost	

Fuel Information	Fuel Cost	Fuel Used	Total to Date Gallons
Utility Truck	\$61.83	24.25	241.5
			Total Year to Date Fuel Cost
			\$465.13

This Month's Total	\$61.83	24.25 Gallons	807 Year to Date
		Mileage 36199	

Vendor
Repair Item
Cost

Highlights

- 4/1/09 Removed 4" pipe from the plants wet well inlet channel - 8 hrs
- 4/2/09 Fixed vac truck's coolant leak
- 4/2/09 Vac work on west contact tank
- 4/3/09 Changed oil on the vac's water pump/added hydraulic oil and changed filters
- 4/6/09 Monthly inspection of F-350
- 4/6/09 Vac'd skimmings from primary sump
- 4/7/09 Camera work for J. Stewart/storm drain in Firehouse parking lot
- 4/9/09 Monthly inspection of vac truck
- 4/10/09 Spring clean up at pump stations
- 4/13/09 Started prepping Platts Mill station for concrete work on dry well
- 4/14/09 Camera work with Bahr sales/Casper, May, Baldwin & High Street P.O. #7837 – approx. 935'

4/15/09 Vac'd skimmings from primary sump
4/20/09 Put a temporary patch on water line of the vac truck
4/17/09 McVac/Jetwork at Hotchkiss St. PO # 7844
4/21/09 McVac/Camera work at Hotchkiss St PO #7844 (last section for N.O.V.)
Approx. 250'
4/29/09 Water and waste back to finish installing pump rails
4/22/09 Cement work on Platts Mill drywell

4. Odor Consent Order

Discussion was held concerning the Odor Consent Order issued to Veolia Water for the Treatment Plant dated January 28, 2009. John Batorski explained that numerous proposals for community involvement were made to the State. The State of Connecticut DEP was not receptive to suggestions of: stocking the river with fish, odor classes, presentation to school. They did okay the planting of trees. Veolia has decided to pay the fine concerning the Odor NOV as DEP was not receptive to programs and services Veolia was willing to provide to the Town and the Community.

Motion was made by Commissioner Balsys and seconded by Commissioner Cote to authorize the Chairman Merancy to sign Consent Order No. 2048.

Discussion: None Vote: 4 in favor Abstained: 0 Opposed: 0

5. Fats Oil and Grease Ordinance

A draft copy of the proposed Fats Oil and Grease Ordinance was forwarded to the board for review. A copy is on file.

Motion was made by Commissioner Cote and seconded by Commissioner Aresta to schedule a Public Hearing on Thursday, June 18, 2009 at 6 p.m. for the proposed Fats Oil and Grease Ordinance.

Discussion: None Vote: 4 in favor Abstained: 0 Opposed: 0

6. Wayne McAllister – Accounting Procedures

Wayne McAllister, Controller came before the board concerning WPCA Funds. Documentation the WPCA funds held in accounts separate from the General Fund was presented to the board. This is in compliance with CGS Section 7-267 (Use of Funds). A copy is on file.

7. Proposed Sewer Use Fee

Information concerning sewer use fees in other Towns was presented to the board. Copies are on file. Information was forwarded to Atty. Hess for review.

Motion was made by Commissioner Balsys and seconded by Commissioner Cote to recess into Executive Session at 6:45 p.m. to discuss Middlebury Agreement.

Discussion: None Vote: 4 in favor Abstained: 0 Opposed: 0

The board ended the Executive Session at 7:30 p.m.

No decisions were made for discussion.

Motion was made by Commissioner Balsys and seconded by Commissioner Cote to adjourn the meeting at 7:31 p.m.

Transcribed by Maryann Kempa

Attest:

Ronald Merancy
Chairman