

**MEETING OF THE ORLEANS
BOARD OF WATER/SEWER COMMISSIONERS
September 1, 2010**

Deshae Asst
TOWN OF ORLEANS
TOWN CLERKS OFFICE
10 DEC -1 PM 3:07

A meeting of the Board of Water and Sewer Commissioners was held Wednesday, September 1, 2010 in the Nauset Room, Town Hall:

Those present were Jimmy Dishner, Robert Rich, Judith Bruce and Ann Hodgkinson of the Board, associate member, Ken Rowell, Lou Briganti, Water Superintendent, and Walter Bennett, Finance Committee liaison. Absent was Kenneth McKusick of the Board and associate member Leonard Short.

Ann Hodgkinson called the Board of Water and Sewer Commissioners meeting to order at 1:30 p.m.

MINUTES

A motion was made by Jimmy Dishner seconded by Judith Bruce to approve the minutes of the meeting of August 18, 2010 as written. The vote by the Board was 5-0-0.

SUPERINTENDENT'S REPORT

SEE ATTACHED REPORT

NEW BUSINESS

COMMITMENTS/ABATEMENTS/REFUNDS

A motion was made by Jimmy Dishner seconded by Judith Bruce to commit for the month of August 2010 to rate \$926,806.46, to services \$840.00, to usage \$0.00, to installations \$8,894.30 and to added billing \$158.21. The vote by the Board was 5-0-0.

The Board was presented with a monthly list of abatements. Account #3181 in the amount of \$238.24 for the re-calculation of the average rate, account #934 average rate applied to his 2/1/2010 water bill and accrued interest in the amount of \$149.49 for account #934.

A motion was made by Judith Bruce seconded by Jimmy Dishner to accept the list of abatements and abate from rate \$2,557.13. The vote by the Board was 5-0-0.

A motion was made by Judith Bruce seconded by Jimmy Dishner to refund \$87.41 to account #5100 because the water bill was paid twice in error. The vote by the Board was 5-0-0.

195 ROUTE 6A

The Board received a letter from Chester Robinson describing a leak at 195 Route 6A and requesting an abatement of the excess usage in the amount of \$698.85.

Though the Board was sympathetic to Mr. Robinson's situation, it is the policy of the Board that all usage be paid for regardless of how the water passed through the water meter.

A motion was made by Judith Bruce seconded by Kenneth Rowell to abate all accrued interest from the 2/1/2010 water bill in the amount of \$1,616.66 and offer payment over time. The vote by the Board was 5-0-0.

ANNOUNCEMENTS

A motion was made by Judith Bruce seconded by Jimmy Dishner to extend the summer meeting schedule and only meet once for the month of September. The vote by the Board was 5-0-0.

At the request of the Water Department, the Board will only meet once per month the first Wednesday of the month but will leave the third Wednesday of the month open in case there is a need to meet.

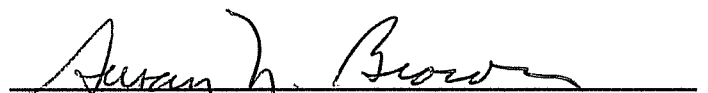
ADJOURNMENT

At 1:59 p.m., a motion was made by Judith Bruce and seconded by Jimmy Dishner to adjourn the meeting. The vote by the Board was 5-0-0.

LIST OF DOCUMENTS USED

1. Commitments August 2010
2. List of abatements September 1, 2010
3. September 1, 2010 Water Superintendents Report.
4. September 10, 200p letter from Chester Robinson regarding leak at 195 Route 6A

The next regular meeting is scheduled for October 6, 2010 at 1:30 p.m.


Secretary, Board of Water/Sewer Commissioners

Board of Water & Sewer Commissioners

01SEP10

Eastham

Wright-Pierce and the Dept. have completed a draft letter/report that derives a wholesale price for selling water to Eastham meant to stimulate discussion.

EPG ran our hydraulic model and have stated that fire flows would not be affected by a 500,000 GPD draw by Eastham.

Eastham is interested in "doing something" with Wellfleet. An interconnection to Orleans would be part of phase 5 (the last phase) of the water system.

Environmental Partners feasibility study

1. IMA analysis:
 - a. quantity of water, initially and long-term, with DEP WMA approvals.
 - b. pricing structure under an IMA.
 - c. likely connection points and Orleans-improvements.
 - d. infrastructure requirements for adequate pressure and flow to the Eastham business district (needs for storage and pressure boosting stations).
 - e. potential for Orleans providing operations and maintenance services.
2. Cost-effectiveness analysis:
 - a. Eastham in-town sources vs. purchase from Orleans.
 - b. O&M options, including municipal staff, privatization, or Orleans.
3. Draft report.
4. Final report.

Lead & Copper

Of 33 samples needed for *Lead and Copper Rule* testing, 29 have been returned. School samples will be collected in September.

These are first draw samples taken after 6 hours of contact time. The 90th percentile sample cannot exceed 0.015 mg Pb/L or 1.3 mg Cu/L. Exceeding either level is an Action Level violation that would require treatment.

Lab Certification

Still waiting.

The three required Proficiency Tests (PT) have been completed.

Board of Water & Sewer Commissioners

We have received a letter from DEP's Laboratory Certification Office. They have asked that we complete 2-rounds of Proficiency Testing (PT) before they consider our application for administrative completeness.

WTP Membranes

1. CIP

At this point in the summer we are averaging a CIP every 2-weeks. This is a function of our higher production rates being 1+ MGD from just the WTP.

2. Membrane Fiber Breaks

There were 7 fiber breaks during July. Rack no.1 suffered 4-fiber breaks and rack no. 2, 3-fiber breaks.

To date we have a grand total of 50-fiber breaks; 88% (44) have occurred since November 2009.

3. Membrane Replacement

The membranes were delivered to the WTP on August 26th.

We will be trying to coordinate installation with PALL's tentative schedule to be on site the week of 09/13, or 09/20

Payment schedule:

\$14,237.50	5% upon acceptance of Purchase Order.
\$42,712.50	15% upon Acceptance of Shop Drawing Submittals.
\$199,325	70% of the Total Amount or the value of the modules.
\$14,237.50	Half of the remainder of the Total Amount upon installation of SCADA programming and modules.
\$14,237.50	Remainder of the Total Amount one week after system start-up.

Remaining Project Schedule:

- Notice of Award	May 20, 2010
- Submission of General Arrangement Drawings/Shop Drawings	June 15, 2010
- Approval of Final Submittals by Engineer/Owner	July 15, 2010
- Membrane Equipment to Be Delivered to Project Site	September 1, 2010
- Installation and Construction Support for Installation (Rack No. 1)	Sept-Nov 2010
- Completion of Start-up Testing and Training for Rack No. 1	November 2010

Board of Water & Sewer Commissioners

Pall Corp. was awarded the contract to supply replacement membranes. We will be purchasing and replacing 50 modules rather than the 68 that are currently installed. Being micro- UNA620A modules, plant production capacity will not change.

WMA Renewal

The *Department of Conservation and Recreation's Office of Water Resources* finalized their water needs forecast for Orleans, in a letter dated 08/25/2010. There were no changes to any of the results.

Our WMA Permit renewal is due August 31st and the application has been completed and sent to DEP.

Reference

From MWWA, 05/24/2010;

Update on Regulations to condition Water Management Act Registrations:

At the WMA Advisory Committee meeting last week, DEP unveiled their draft outline for how they envision proceeding with regulations to condition WMA Registrations.

DRAFT

WMA Regulations on Performance Standards for Registered Withdrawals OUTLINE

1. Regulations will identify the performance standards applicable to registrants as of the effective date of the regulations.
2. Registrants will be grouped into categories (PWS, Cape PWS, non-PWS).
3. Standards will be applied in the same way as they were in the renewal registration statement (i.e., not all standards will apply to all categories of users).
4. Performance standards will be the same as the conditions imposed in the renewal registration statements (65 RGPCD with the exception of the Cape and Islands, 10% UAW, and restrictions on nonessential outdoor water use).
5. Performance standards will include an option allowing registrants to finance, implement and enforce Mass DEP's model conservation plans for RGPCD and UAW as the functional equivalent of meeting the applicable standard.
6. Regulations may include incentives for early compliance.
7. Definition of "nonessential water use" will be added (as defined in the renewal registration statements) to 310 CMR 36.03.
8. Final compliance date (December 31, 2017) will remain the same in order to be consistent with the expiration date of the current (renewal) registration statements.
9. Regulations will authorize Mass DEP to include a condition in renewal registration statements effective January 1, 2018 setting a compliance schedule for registrants not meeting performance standards to adopt Mass DEP's model conservation plans.
10. Regulations will establish an administrative appeal process for registrants.
11. Mass DEP will notify all registrants that new regulations applicable to all registrants have been promulgated that incorporate the performance standards set forth above.

Board of Water & Sewer Commissioners

Mass DEP also passed out the definition of "Nonessential Water Use" and is looking for feedback from the advisory committee if there are items that should be included or excluded from the definition. The current definition being used is:

"Nonessential Water Use": As used herein, "nonessential outdoor water use" means uses that are not required: (a) for health or safety reasons; (b) by regulation; (c) for the production of food and fiber; (d) for the maintenance of livestock; or (e) to meet the core functions of a business.

Examples of nonessential outdoor water uses include: the irrigation of lawns or landscaping, except by means of a hand-held hose outside the hours of 9:00 a.m. to 5:00 p.m.; washing vehicles other than by means of a commercial car wash or except as necessary for operator safety; and washing of exterior building surfaces, parking lots, driveways and/or sidewalks, except as necessary to apply paint, preservatives, stucco, pavement, cement, or the like.

Examples of acceptable outdoor water uses outside the hours of 9:00 a.m. to 5:00 p.m. include: irrigation to establish a new lawn during the months of May and September; irrigation for the production of food and fiber or the maintenance of livestock; irrigation by plant nurseries as necessary to maintain stock; irrigation by golf courses as necessary to maintain greens and tees, and limited fairway watering; and irrigation of public parks and recreational fields."

Miscellaneous

1. The project to replace the tank-finials was formally bid. There were 2-responses; Hemi Enterprises was the successful bidder at \$12,000.