

**MEETING OF THE ORLEANS  
BOARD OF WATER/SEWER COMMISSIONERS  
June 2, 2010**

*K. D. L. M. Assa*  
TOWN OF ORLEANS  
TOWN CLERKS OFFICE  
10 DEC -1 PM 3:08

A meeting of the Board of Water and Sewer Commissioners was held Wednesday, June 2, 2010 in the Nauset Room, Town Hall:

Those present were Kenneth McKusick, Jimmy Dishner, Robert Rich, Judith Bruce and Ann Hodgkinson of the Board, associate members, Leonard Short and Ken Rowell, Lou Briganti, Water Superintendent, Sims McGrath, Selectmen liaison, Ed Barr, Finance Committee liaison.

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

**David Kraft**

David Kraft of 168 Main Street came before the Board to request some relief from his \$2,331.04 water bill dated February 1, 2010. Mr. Kraft is a seasonal owner with no irrigation system and brand new plumbing. He believes the only explanation is that the water must have been stolen from his property. The Business Manager of the Water Department pointed out that the leak detection feature of his Badger water meter indicated that there was a leak as of the reading date on January 12, 2010.

**A motion was made by Ann Hodgkinson seconded by Judith Bruce to apply the average usual rate for Mr. Kraft to his water bill from February 1, 2010 and abate the difference and any interest charged. The vote by the Board was 5-0-0.**

**John Sargent**

John sergeant of 35 Crystal Lake Drive came before the Board to request relief from his \$1,045.38 water bill dated February 1, 2010 because there was no plausible explanation as to where 5 times his normal usage might have gone.

**A motion was made by Ann Hodgkinson seconded by Judith Bruce to apply the average usual rate for Mr. Sargent to his water bill from February 1, 2010 and abate the difference and any interest charged. The vote by the Board was 5-0-0.**

**MINUTES**

**A motion was made by Judith Bruce seconded by Jimmy Dishner to approve the minutes of the meeting of May 19, 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 Ann Hodgkinson seconded by Jimmy Dishner to abate at the water departments request from account #443 \$1,142.51 for an estimated bill where the estimated reading was 1,074,000 and the actual reading was 872,000. The vote by the Board was 5-0-0.**

Neal Satran of 60 Pershing Lane requested that the Board refund \$80.33 from his account #2642 and pay added billing 2010-47 for a water meter monitor he purchased.

**A motion was made by Ann Hodgkinson and seconded by Jimmy Dishner to refund \$80.33 from account #2642. The vote by the Board was 5-0-0.**

## OLD BUSINESS

### WASTEWATER SUB-COMMITTEE

The Board of Water and Sewer Commissioners received the draft minutes for the May 26, 2010 meeting of their sub-committee to review and recommend policies on water/wastewater.

## ANNOUNCEMENTS

There will be a meeting Monday June 7, 2010 at 6:30pm in the Nauset room of Town Hall for board and committee members to review with Town Counsel Michael Ford the new open meeting laws which are effective July 1<sup>st</sup>.

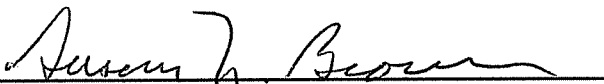
There will be a meeting of the Renewable Energy Committee.

The Board of Water and Sewer Commissioners will meet once per month during the summer on the first Wednesday of the month.

## ADJOURNMENT

**At 3:12 p.m., a motion was made by Judith Bruce and seconded by Ann Hodgkinson to adjourn the meeting. The vote by the Board was 5-0-0.**

The next regular meeting is scheduled for July 7, 2010 at 1:30 p.m.



Secretary, Board of Water/Sewer Commissioners

**Board of Water & Sewer Commissioners**

**02Jun10**

**Eastham**

A meeting is scheduled for June 2<sup>nd</sup> to discuss "pricing" alternatives with Paul Gabriel of EPG.

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.

**Lab Certification**

Two of three required Proficiency Tests (PT) were completed during May. One test remains for June.

*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.*

**MASS General Fund**

**Board of Water & Sewer Commissioners**



***Town of Orleans Water Department***

19 SCHOOL ROAD  
ORLEANS, MA 02653

TELEPHONE: 508-255-1200 ~ FAX: 508-240-3702

Louis A. Briganti, SUPERINTENDENT

BOARD OF WATER COMMISSIONERS

May 25, 2010

The Honorable Robert A. O'Leary  
State House  
Room 511B  
State House  
Boston, MA 02133

**RE: Budget Amendment to Restore Funding for the Safe Drinking Water Act Assessment**

Dear Senator O'Leary:

Since 1993 the Safe Drinking Water Act Assessment, established under MGL 21 A, Section 18A, has helped the Massachusetts Department of Environmental Protection (MassDEP) Drinking Water Program maintain primacy to implement the federal Safe Drinking Water Act. The assessment, paid for by public water systems and their customers, is \$8.50 per million gallons of water used each year. There are over 1,700 public water systems in Massachusetts serving over 6.3 million people; these include not only municipal systems but restaurants, day care facilities, campgrounds and many other types of businesses that serve water, through a private source, to employees or customers. It is estimated that in FY 2011, water suppliers will pay approximately \$2.4 million in assessments. By maintaining primacy, MassDEP is able to offer specialized technical assistance and compliance programs.

When Governor Patrick released his budget for FY 2011, the funding level for the assessment account (2250-2000) was \$1,572,433. In the both the House and Senate Budgets the assessment line item was reduced to \$1,464,896. Senator Jamie Eldridge has filed an amendment (# 239) in the Senate Budget to the restore the line item to what Governor Patrick had proposed, \$1,572,433. With the ever increasing regulatory requirements facing public water systems, it is vital that public water suppliers have access to technical support to ensure compliance with the Safe Drinking Water Act requirements. Further reductions in this account stand to threaten the services that public water systems receive. **This money is paid directly by the water suppliers and should be used for its intended purpose.** As a water supply professional in the Commonwealth, I urge you to support this amendment and restore funding to a level consistent with the amount of revenue that the state collects from the annual assessment on public water suppliers.

Thank you in advance for your support of this request. If you have any questions, please do not hesitate to contact me or Jennifer Pederson, Executive Director of the Massachusetts Water Works Association at [mwwa@verizon.net](mailto:mwwa@verizon.net) or 978-263-1388.

With Water Works Pride,

Louis A. Briganti  
Water Superintendent

cc: Commissioner Laurie Burt, MassDEP

**Board of Water & Sewer Commissioners**

MWWA: Thanks to all of you who heeded our call to contact your senators to restore funding for the Safe Drinking Water Act Assessment in the Budget. Unfortunately the Senate rejected the amendment during debate. We will have to try hard next year to get the funding level raised.

**Tanks 1 & 2**

The saga of the tank-finials continues as we are committed to not spending a great deal of money. Someday I'll look back on this and won't laugh.

**Board of Water & Sewer Commissioners**

**From:** Louis Briganti  
**To:** "Leo Yuskus"  
**Subject:** RE: Final Repairs  
**Date:** Monday, May 24, 2010 9:03:00 AM

---

Thanks Leo;  
Not to be a pain, but I'm getting anxious to put this to bed.

---

**From:** Leo Yuskus [mailto:lyuskus@verizon.net]  
**Sent:** Monday, May 24, 2010 6:36 AM  
**To:** Louis Briganti  
**Cc:** 'Leo Yuskus'  
**Subject:** FW: Final Repairs

Good Morning Lou,

Normally we try and weld in new supports and fill weld in any corrosion related metal loss, or we try and weld a flange on the finial collar, and install a new aluminum finial.

The company that provides the aluminum finials has been nonresponsive to my request for information on availability of sizes, but I will try again this week. Not sure what has happened with this firm, but I do have other contacts.

I will consider the possibility of cutting the existing finial off and bolting on new supports and possibly a new dome cover. I will let you know how things progress this week.

If responding to this email, please send to lyuskus@haleyward.com to ensure that it is received at my business office, upon which time it will automatically be relayed to my office in my home. That way I can quickly respond from either location.

**Best Regards**

Leo R. Yuskus, Sr VP  
Haley and Ward, Inc.  
25 Fox Road  
Waltham, MA 02451  
781-890-3908 (office)  
781-910-0676 (cell)  
lyuskus@haleyward.com (email)

---

**From:** Leo Yuskus [mailto:LYuskus@haleyward.com]  
**Sent:** Thursday, May 20, 2010 9:48 AM  
**To:** lyuskus@verizon.net  
**Subject:** FW: Final Repairs

---

**From:** Louis Briganti[SMTP:LBRIGANTI@TOWN.ORLEANS.MA.US]  
**Sent:** Thursday, May 20, 2010 9:47:53 AM

**Board of Water & Sewer Commissioners**

*On 04/13 Leo Yuskus climbed both tanks to take detailed measurements and more pictures of the tank finials to be repaired.*

*We discussed the possibility of a prefab appliance made of aluminum - that could be installed to take the place of the finials at a greatly reduced cost.*

*A Letter of Interest for repair of the tank finials has been created with the help of Leo Yuskus. Our goal will be to try and find 3 to 4 vendors that might be interested in doing the work.*

**WTP Membranes**

---

**1. Membrane Fiber Breaks**

There were 2- fiber breaks during May – minimal.

**2. Membrane Replacement**

Pall Corp. was awarded the contract to supply replacement membranes for 1 of the 3 racks that comprise the treatment process.

To stay within budget and because it makes sense we will be purchasing and replacing 50 modules rather than the 68 that are currently installed.

Being micro- UNA620A modules (with a higher through put) rather than ultra-, plant production capacity will not change.

Nice to put the PALL/Methuen/Tata & Howard history "to bed".

**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) | September-November 2010 |
| - Completion of Start-up Testing and Training for Rack No. 1          | November                |

**Board of Water & Sewer Commissioners**



**TOWN OF ORLEANS**

19 SCHOOL ROAD ORLEANS MASSACHUSETTS 02653-3699  
Telephone (508) 240-3700 — Fax (508) 240-3703  
<http://www.town.orleans.ma.us>

BOARD OF  
SELECTMEN  
  
TOWN  
ADMINISTRATOR

May 20, 2010

Mr. Robert Cundall  
Pall Corporation  
25 Harbor Park Dr.  
Port Washington, NY 11548

Dear Mr. Cundall:

Town Administrator John F. Kelly wishes to inform you that the Town of Orleans will accept your price and non-price proposals dated, May 6, 2010, for supplying a replacement of Microfiltration Membranes for Orleans Water Treatment Facility in the amount of \$284,750.00 for Rack 1 consisting of the Base Bid (Items 1, 2 and 3), less Alternative C in accordance with the specifications.

Enclosed are three copies of the contract to perform the work. Please sign all three copies and return to my attention with a current Certificate of Insurance showing your liability and workers' compensation limits. An executed contract with all attachments will be returned to you for your records.

We look forward to working with your firm. If you have any questions or need additional information please do not hesitate to contact the Water Superintendent Louis A. Briganti at 508-255-1200.

Sincerely,

Liana Surdut  
Office Manager

cc: Water Superintendent Louis Briganti



**Board of Water & Sewer Commissioners**

**WMA Renewal**

---

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.

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.

**Board of Water & Sewer Commissioners**

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. We did 1.2 Million on Sunday of Memorial Day weekend - ☺
2. ITS is scheduled to complete the upgrades to well no. 7 on June 3<sup>rd</sup> (MA DEP's chemical safety regulations).