

**Marine and Fresh Water Quality Task Force  
Minutes, March 26, 2012  
Town Hall, Nauset Room**

ORLEANS TOWN CLERK  
'12 APR 23 11:50AM  
*C. May*

**Attending Members:** Carolyn Kennedy, Gilbert Merritt, Bob Royce, Ken Scott  
**Concerned Citizens:** Charles Harris, Eastham; Larry Minear, Orleans, Monument Rd.

Meeting called to order by Chair Carolyn Kennedy at 10:00 am.

**1) February Meeting Minutes:** Approved 4-0-0

**2) Boland Pond:** Carolyn has correspondence from Ed Eichner suggesting that if we sample Boland Pond and its surface input flows, we should analyze for total phosphorous, ortho-phosphorus, total nitrogen, nitrate and dissolved organic nitrogen. The CC National Seashore Lab has agreed to do the sample analysis and will respond with an analysis cost. Sampling supplies have been ordered. The Task Force plans to walk the shore on Wednesday 3/28 at 9:30 am to get a better idea of where surface input is occurring.

**3) Data Summaries:** Carolyn handed out a two-sided sheet showing historical sample dates and numbers of samples taken in both Orleans's fresh water ponds and our surrounding estuaries. A copy is in the Task Force file folder in the Planning Office.

**4) Cedar Pond:** George Meservey and Ed Eichner have prepared a draft contract for sediment core and stream flow sampling at Cedar Pond. Ed will proceed contingent on approval by Town Meeting. George has shared the information on using lasers to discourage bird roosting but has not received a response from NSTAR.

**5) Fresh Water Pond Sampling:** The sampling plan for 2012 is the same as 2011, i.e. sampling of all 18 named ponds in the spring and again in the late summer. Supplies have been ordered.

**6) Muddy Creek:** Carolyn attended a meeting on remediation of the Muddy Cheek watershed in Chatham/Harwich. A report was presented by Fuss & O' Neill on the area and recommending the existing small culverts under Route 28 be replaced by an open flow bridge to more thoroughly allow tidal flushing in the marsh upstream of Route 28. The report can be accessed at: <http://www.pleasantbay.org/reports-and-documents>.

**7) Estuary Sampling:** Supplies have been ordered from SMAST; the dissolved oxygen meters still need to be calibrated. The person sampling Salt Pond in Eastham has taken another job and will not be available in 2012. We need a replacement there and a couple of more alternate samplers. Dates: Monday 7/9, Tuesday 7/24, Tuesday 8/7, Wednesday 8/22, Thursday 9/6.

**8) 2012 Annual Conference of the New England Chapter of NALMS (NEC-NALMS):** June 8 and 9 in Durham NH. There are several presentations that could be of interest to us. Carolyn is planning to attend.

**9) Next Meeting:** April 23

**10) Meeting adjourned:** 10:41 am

Respectfully submitted:  
Gilbert Merritt

Meeting dates for the rest of 2012.

Apr 23	May 21	Jun 18	Jul 16	
Aug 20	Sep 17	Oct 15	Nov 11	Dec 17

*Approved 4-0-2*  
*[Signature]*  
*4/23*