



# Town of Barnstable Conservation Commission

200 Main Street  
Hyannis Massachusetts 02601

Office: 508-862-4093

E-mail: conservation @ town.barnstable.ma.us

FAX: 508-778-2412

## MINUTES – CONSERVATION COMMISSION MEETING

**DATE: Wednesday, November 12, 2008 – 6:30 P.M.**

**LOCATION: TOWN HALL HEARING ROOM**

Scrivener's note: The following minutes are general in nature. For those wanting specific detail on matters heard on this agenda, several resources are available to you: video-on-demand (free on the Town website at [town.barnstable.ma.us](http://town.barnstable.ma.us)), audiocassette and DVD recordings. Please contact the Conservation Division at 508.862.4093 for assistance.

The meeting was called to order at 6:30 p.m. by Chairman Dennis R. Houle. Also attending were Commissioners Peter Sampou, Scott Blazis, Tom Lee, and Louise Foster. Vice-Chairman John Abodeely and Commissioner Larry Morin were away. Rob Gatewood, Conservation Administrator, assisted.

The meeting was held in the Hearing Room, Barnstable Town Hall, Hyannis, MA.

### I MINUTES FOR APPROVAL

A. October 21, 2008

B. October 28, 2008

A motion was made to approve the minutes (“A” – “B”).

Seconded and voted unanimously.

### II REQUEST FOR DETERMINATION

**Elizabeth M. Ricci.** Raise house and replace foundation; add new Title-5 septic system with retaining walls at 8 & 10 Sunset Ave., Centerville as shown on Assessors Map 226 Parcel 173. **DA-08095**

The applicant was represented by Mr. Eleuterio Ricci.

Issues discussed:

- Limiting height of first floor to the 100-year flood height
- Requiring filing of a Notice of Intent, in the event the project turns out to be “raze/rebuild”
- Stone veneer for street-side retaining wall.

A motion was made to issue a negative determination.

Seconded and voted unanimously.

Issues discussed:

- Limiting the height of the first floor to the 100-year flood height
- Requiring the filing of a Notice of Intent, in the event the project becomes “raze/rebuild”

- Stone veneer for street-side retaining wall

A motion was made to issue a negative determination.

Seconded and voted unanimously.

### **III NOTICES OF INTENT**

**Town of Barnstable/Conservation Division.** Mystic Lake, a 148 acre deep kettle hole lake located in Marstons Mills, Barnstable, experiences chronically low oxygen in its bottom waters during summer. Under these conditions, phosphorus is released from the bottom sediments. This internal release of stored nutrients is the primary source of total phosphorus to the lake, which is leading to increasing productivity in the form of algal blooms. To significantly reduce the internal phosphorus recycling and improve ecological and recreational functions of the lake, a nutrient inactivation (i.e., alum) treatment is proposed. **SE3-\_\_\_\_\_**

The applicant was represented by David Mitchell, PhD.

Issues discussed:

- Dr. Mitchell provided an informative Power Point presentation. Wetland impacts would be very slight (300 sq. ft. to a bordering vegetated wetland), while water quality improvement would be significant.
- The appropriateness of a ten-year target for phosphorus load post-treatment.
- The question of whether phosphorus-reducing septic systems should be prescribed for these watersheds.

Public Comment:

- Dr. John Doriss suggested that the Town do a study to determine the origin (septic system vs. farming) of phosphorus in Mystic Lake.
- Dr. Emory Anderson spoke in support of the project, while Carolyn Garbutt opposed it; Robert Frazee spoke in favor of the project. Al Baker asked if aeration might be an alternative to alum. Nancy Dawson had noticed a clear decline in water transparency. Lindsey Counsell spoke of water withdrawal to the bogs to the south, and possible need to adjust the phosphorus budget.

A motion was made to continue the hearing to January 20<sup>th</sup>.

Seconded and voted unanimously.

### **IV CERTIFICATES OF COMPLIANCE (ez = staff recommends approval) (\* = on-going conditions)**

A.	Saul	SE3-4294	(coc,ez)	permit existing landing, ramp, & floats *
B.	Wheeler	SE3-4429	(coc,ez)	raze & construct single-family dwelling *
C.	Cannistraro	SE3-4659	(coc,ez)	construct addition to single-family dwelling

A motion was made to approve all the certificates (“A – “C”).

Seconded and voted unanimously.

### **V OLD & NEW BUSINESS**

- A. Dinghy storage off-season at Ropes Beach

Tomorrow’s meeting was noted.

- B. Other

The Commission briefly discussed the recent prohibition of parking along Craigville Beach Road at the Centerville River Bridge. Staff will look into the origin of the action.

**A motion was made to adjourn.**

**Seconded and voted unanimously.**

**The time was 8:52 p.m.**