

**CONSERVATION COMMISSION  
AGENDA  
FEBRUARY 17, 2010**

- 7:00 Stormwater Pollution Bylaw Presentation - Water Resources Advisory Committee (0002-0003)
- 7:10 Request for Determination - 67 Central Street - Amy Brogna (010)  
Engineer: John Boardman - for the proposed repair of an existing sewage disposal system.
- 7:15 Continuation - NOI - 152 Nagog Hill Road - Joshua Stein
- 7:30 Request for Determination - 352 Great Road - TOA Natural Resources Dept. (020)  
Construction of a boardwalk and walking path at (Quail Ridge Country Club) connecting the Acorn Park subdivision to Nagog Hill Conservation Area.
- 7:40 Notice of Intent - 113 Main Street - Erikson's Dam - John Erikson (030)  
Engineer: Pare Corporation - repair and improvement to the existing Erikson Dam located on Fort Pond Brook.

MINUTES

February 3 comments forthcoming

**CONSERVATION COMMISSION  
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FEBRUARY 17, 2010**

**COMMISSIONERS PRESENT:** Terry Maitland, Janet Adachi, William Froberg, Fran Portante, Patty Lee, Tom Arnold

**CONSERVATION ADMINISTRATOR:** Tom Tidman

**ASSOCIATE MEMBER:** Jim Snyder-Grant

**RECORDING SECRETARY:** Tom Tidman

**VISITORS:** Carol Holley, John Boardman, Joshua Stein, Allen Orsi, Michaela Moran, Ron Beck

7:00 Mr. Maitland called the meeting to order.

Stormwater Pollution Bylaw Presentation - Water Resources Advisory Committee (0002-0003)

Committee members Carol Holley along with Ron Beck presented Phase I of the Storm Water Pollution Bylaw, Chapter U. This proposed bylaw is pursuant to the National Pollutant Discharge Elimination System (NPDES) permit program under the Clean Water Act, which the EPA working with the DEP enforces in the Commonwealth. The proposed bylaw is part of a five-year compliance plan and is mandatory; several towns in the Commonwealth have been fined for not developing Phase I of the bylaw. Phase I has two tiers: the first is residential permits with a \$100 fee required for anyone dumping water into the storm-drain system. The permit runs with the deed and does not need to be renewed until the property changes hands. The second is a commercial permit that must be renewed on an annual basis, fee yet to be determined. The enforcement mechanism will be based on volunteers going around town and looking for discharges to the storm drain system; violations will be reported to the Health Agent. The Board of Health will be the enforcement agency, with authority to implement fines. Acton is currently working in the sixth year of the bylaw's development.

7:20 Request for Determination - 67 Central Street - Amy Brogna (010)

John Boardman, PE from Cost Effective Civil Engineering Solutions, presented plans for the proposed repair of an existing failed sewage disposal system. System failure was detected during a Title V inspection when the distribution box was found full of water. The new system including a 1,500 gallon septic tank and 1,000 gallon pump chamber will be located adjacent to the old septic tank, approximately 42' from wetlands. The new leaching field will be located outside of the 100' buffer zone in front of the existing house. The old leaching field to be abandoned is located under the existing paved driveway.

7:30 Mr. Maitland closed the meeting.

Determination - 67 Central Street

Ms. Adachi moved that the Commission find the plans as presented to be within its jurisdiction but will not impact the resource area (-3); Ms. Lee 2<sup>nd</sup>, unanimous.

7:15 Continuation - NOI - 152 Nagog Hill Road - Joshua Stein

Mr. Maitland noted that Commissioners inspected the site on January 21, 2010 as Ms. Lee requested time to review the planting list and plan.

Ms. Lee reported that feels comfortable with the plant list.

Mr. Stein stated that some fill will be added to the back yard, topped with four inches of loam; the area will be seeded with Sheep Fescue which requires very little if any fertilizer.

Mr. Arnold stressed that the Commission wants to limit phosphorus from fertilizer runoff to the adjacent stream in the back yard.

Mr. Stein stated that he only intends using organic fertilizers in the front and side yard, where he plans on establishing turf-grass. Top soil will also be added to the front yard.

Ms. Portante strongly encouraged use of an organic fertilizer maintenance regimen with slow release organic fertilizers.

7:45 Hearing no further comments or questions, Mr. Maitland closed the hearing.

Decision - 152 Nagog Hill Road

Mr. Froberg moved that the Commission issue a standard Order of Conditions for the plans as presented; Mr. Arnold 2<sup>nd</sup>, unanimous.

7:30 Request for Determination - 352 Great Road - TOA Natural Resources Dept. (020)

Natural Resources Director, Tom Tidman presented proposed plans for the construction of a boardwalk and walking path at (Quail Ridge Country Club) connecting the Acorn Park subdivision to Nagog Hill Conservation Area. The boardwalk will be located in a twenty-foot wide pedestrian easement established in association with the senior housing development planned for part of the golf course.

Jim Snyder-Grant, from Acton's Land Stewardship Committee, reported that the boardwalk will be elevated above the wetlands by using 10" or 12" corrugated PVC culvert pipe sections. The three-foot wide boardwalk will be constructed in sections from upland to upland and will not be one consecutive 130' long section.

8:05 Hearing no comments or questions, Mr. Maitland closed the hearing.

Determination - 352 Great Road

Ms. Lee moved to find the work to be within an area subject to protection but will not impact the resource area (-2); Ms. Adachi 2<sup>nd</sup>, unanimous.

8:10 Notice of Intent - 113 Main Street - Erikson's Dam - John Erikson (030)

Allen Orsi from Pare Corporation presented plans for the proposed repair and improvement to the existing Erikson Dam located on Fort Pond Brook. The Commonwealth of Massachusetts, Office of Dam Safety deemed this dam structure to have significant hazard potential (Class II). Proposed work will include reinforcing the existing dam wall that is slightly bowed out on the downstream side. Reinforcement will involve buttressing the downstream side of the "bowed area" with stone rip-rap using existing rock debris within the stream channel. Some trees will be removed to allow crane access to the rocks. Work will be done during the low-flow season, late summer. Several pipes extending through the dam will be filled, as their purpose is unknown; filling the pipes will eliminate future seepage. This proposal is a limited project with no other local permits required. Flow patterns will not be changed as a result of pointing the stone masonry.

Upon query by Mr. Froberg, Mr. Orsi reported once the project is completed the stone stability buttress will have a 2:1 slope and will be uniform across the face of the dam.

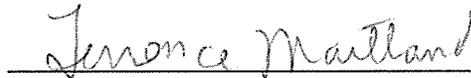
Mr. Arnold stated that he would like the Commission to conduct a site inspection.

Mr. Orsi agreed and reported that he anticipates approval from the Office of Dam Safety within 60 days of submittal, sometime around the end of March.

Michaela Moran, member of the Historic District Commission (HDC), stated that the dam is within a historic district; the HDC was not notified of the proposal and will need to issue a permit. She reported that the existing dam is a historic resource built in 1848 which replaced the previous dam built in 1801. The HDC has jurisdiction over any structure visible from the public way. The stones in the stream are likely from the old mill.

Upon agreement by the Applicant, Mr. Maitland continued the hearing until March 17, 2010 at 7:15 PM.

8:45 Meeting adjourned.



Terrence Maitland,  
Chair

TT:ahr  
ahr.concom.minutes.2010.02172010