

**CONSERVATION COMMISSION
MINUTES
FEBRUARY 15, 2012
7:30 PM
TOWN HALL - 472 MAIN STREET - ROOM 204**

COMMISSIONERS PRESENT: Terry Maitland, Tom Arnold, Amy Green, Fran Portante, Jim Colman, Bill Froberg

CONSERVATION ADMINISTRATOR & RECORDING SECRETARY: Tom Tidman

VISITORS: Dick Dolan, Karen Bockoven, Allan Cathcart, Bill Renoe, Lauren Hastings, Allen Orsi

7:15 Mr. Maitland called the meeting to order.

7:15 Notice of Intent - 65 High Street - Ralph & Karen Bockoven – DEP File 85-1082 (010)

ABC Cesspool - proposed septic system replacement within 100' of a wetland (town atlas plate H-3B, parcel 58).

Dick Dolan from ABC Cesspool presented plans for the proposed replacement of a failed septic system. The proposed system is farther away from the existing intermittent stream than the failed system. The proposed system is a miniature treatment system (Singular® Bio-Kinetic® Wastewater Treatment System) and has been approved by the Board of Health.

Upon query by Mr. Maitland, Mr. Dolan reported that he has installed several of these advanced treatment systems.

Upon query by Ms. Portante, Mr. Dolan reported that due to site constraints there is not enough room to mound a conventional system, the new technology allows for this system design to be closer the high water table.

Upon query by Ms. Green, Mr. Dolan reported that this system will require quarterly sampling by an approved environmental company. This type of individual treatment system has been in existence for approximately 20 years with numerous advancement over the years.

Upon query by Mr. Arnold, owner, Karen Bockoven reported that the kitchen does not have a garbage disposal.

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

DECISION - 65 High Street - 85-1082

Mr. Arnold moved that the Commission issue a standard Order of Conditions (OOC) for the plans as presented; Ms. Portante 2nd, the motion passed with five aye and one abstained (Mr. Froberg arrived late missing initial comments).

[See file in the Conservation Office also located in DocuShare: Conservation Commission - 2012 Meetings 02-15-2012 - (010) and Conservation Commission - Wetlands Filings - 65 High Street.]

7:30 Notice of Intent - 339 Nagog Hill Road - Nagog Pond Dam - Concord DPW - DEP #85-1081 (020)

Pare Corporation - proposed repairs and improvements to the Nagog Pond dam structure (town atlas plate C-4, parcel 14).

Allen Orsi, from PARE Corporation gave an overview of the existing dam structure. The Phase I report reviewed the structural condition of the dam; the Phase II review was conducted by PARE Corporation.

The existing dam does not have the required functioning low level outlet; the existing concrete is solid however deficiencies caused by freezing and thawing will have to be addressed.

- New reinforcement of the concrete cap on the entire dam.
- Riprap will be installed to reinforce the channel; water flowing through the spillway will be redirected away from the downstream wall.
- Low water outlet will be reconstructed with a new riprap spillway channel.
- A new pump chamber will be installed to supply an ozone treatment chamber.
- Improvements will be made to the existing 16" main for efficiency.
- The access construction road from Breezy Point Road will be improved.

Lauren Hastings from PARE Corporation offered further details:

- Impacts to the downstream side to Nagog Brook will be temporary.
- Dredging along the pond side of the wall will have impact to the pond and will be monitored in the future.
- Pipe to the ozone plant will require 507 s.f. of temporary wetland disturbance for crossing and will be restored.

Upon query by Ms. Portante, Allan Cathcart from the Concord Water Dept. reported that eight trees will be removed around the dam as required by Mass Dam Safety Rules & Regulations.

Mr. Cathcart also reported that an Environmental Notification Form, Water Quality Certificate and Request under Chapter 91 – Waterways have been filed.

Upon query by Ms. Green, Mr. Cathcart reported that the limits of work will be staked and will be working close to resource areas; the Concord Water Department will be working closely with PARE to ensure compliance with the OOC on a daily basis. The Town of Concord also has an environmental compliance officer that will be frequently on site.

8:15 Hearing no further comments or questions, Mr. Maitland closed the hearing.

DECISION - 339 Nagog Hill Road - Nagog Pond Dam - 85-1081

Ms. Portante moved that the Commission issue a standard OOC for the plans as presented; Mr. Arnold 2nd the motion passed unanimously.

[See file in the Conservation Office also located in DocuShare: Conservation Commission - 2012 Meetings 02-15-2012 - (020) and Conservation Commission - Wetlands Filings - 339 Nagog Hill Road – Nagog Pond Dam.]

Commissioner's Terms

Mr. Maitland noted that the secretary of the Town Manager has inquired about dates of member's terms.

MINUTES

Ms. Portante moved that the Commission approve the minutes of January 11, 18 & 25; Ms. Green 2nd, unanimous.

8:45 Meeting adjourned.



Terry Maitland
Chair

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MINUTES

January 11 osrp	comments rec'd by	TT, AM, AG, FP	} signature
January 18	" " "	TT, AG, TM, FP	
January 25	" " "	TT, AG, AM	
February 1	pending		
February 8	pending		

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02-15-2012

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<input type="checkbox"/>		020 - Notice of Intent - 339 Nagog Hill Road - Nagog Pond Dam - 85-1081	naturalres	02/09/12	9 MB	   