

**CITY OF MARLBOROUGH
CONSERVATION COMMISSION
Minutes
July 17, 2014 (Thursday)
Marlborough City Hall - 3rd Floor, Memorial Hall
7:00 PM**

Present: Members Present: Edward Clancy-Chairman, Lawrence Roy, John Skarin, David Williams, Dennis Demers, Allan White, and Karin Paquin. Also present: Priscilla Ryder-Conservation Officer.

Absent: none

Approval of Minutes: The minutes of June 19, 2014 were reviewed and approved 7-0 as written.

Public Hearings:

Request for Determination of Applicability

173 Lakeshore Dr. - Jo-Ann Brady

Ms. Brady was present and explained that she proposes to install a walkway and patio with a small 5' x5' fire pit near Ft. Meadow Reservoir. Pavers will be added to accomplish this small amount of excavation which is necessary to put this in, but the yard is flat so erosion or problems are not anticipated. Work will be within 10' of the lake. The Commission found no issues with this plan and closed the hearing. The Commission voted unanimously 7-0 to issue a Negative Determination with NO conditions, so the work may proceed.

Notice of Intent

47 O'Malley Rd. - Claude and Mary Clerc

Mr. Terry Tvrđik the builder and the owner Ms. Mary Clerc were present. Mr. Tvrđik explained that the owners are proposing to add an additional garage bay to their existing house and includes expanding the driveway as well. Work is proposed to be 40 ft. from the wetland and will include a 4' frost wall and minimal excavation and grading. The back yard is a lawn and is relatively flat. The Commission discussed the construction process then determined that the project would not impact the adjacent wetland. The Commission closed the hearing and voted unanimously 7-0 to issue a standard Order of Conditions for this garage addition.

Notice of Intent -

330 Berlin Rd. - Keith Gilchrest- Owner

(Dennis Demers abstained from this hearing due to a conflict of interest)

Tim Bauchman, the project engineer and Keith Gilchrest, the owner were present. Mr. Bauchman explained that they want to demolish the existing house and build a new house further away from the wetland. Work is proposed within the buffer zone and riverfront area of North Branch/Millham Brook. The existing house is entirely within the first 100' riverfront zone. The new building will be in the outer 100' riverfront area which will be an improvement. The existing house is in disrepair and has lots of trash and debris all

around the house which they will be cleaning up. Erosion controls are proposed on the downslope side below the old house to be demolished. They will follow the Building Dept. demolition check list and will fill in the existing foundation once properly prepared. The new building will be constructed closer to the street in keeping with the other homes on the street. The old septic system will be removed and properly filled in per Board of Health requirements. The new house will be on public sewer and water. Erosion controls consisting of straw wattles will be installed around the old building to protect the stream. After additional discussion about stabilization, the Commission closed the hearing and voted unanimously 6-0 (Dennis Demers abstained from the discussion) to issue a standard Order of Conditions with special conditions including the installation of boundary markers at the 20' buffer zone and standard notification etc.

Notice of Intent

84 D'Angelo Dr. - The Mass. Water Resources Authority

William Sullivan, Cristina Crespo and Pam Heidell from the MWRA and Erica Lotz from Fay Spofford and Thorndike were present. Mr. Sullivan explained that 4 years ago there was a major leak in the pipeline which required the MWRA to use the Sudbury Reservoir as a backup water supply for the Boston area. Since then they have prepared a redundancy plan, so that water can be treated and redirected into one of the alternative aqueducts to avoid the boil water order etc. Therefore, they are proposing to construct a 240 million gallon per day capacity pumping station at the John J. Carroll Water Treatment Plant site to pull water from the Wachusett aqueduct. They also propose to make some modifications to the Hultman intake and site entrance at 84 D'Angelo Dr. Each of these items has a wetland component, so he stepped through each one individually.

They must construct the 240 million gallon per day pump station, because the Wachusett aqueduct was built in 1890s and was lined in 2002; but the system cannot withstand any pressure given its age and type of construction. The pressure is needed to get it up to the Carroll Treatment plant building. Therefore, a building 122' x 68' is to be constructed to house 7 pumps with 40 Million Gallon Per Day (MGPD) capacity. Total pumping capacity will be 240 MGD. The work includes the building, distribution pipe, solar array (it will be a net zero energy building- so will generate as much energy as it will use), an intake area along the bank of the open channel and overflow structure, parking area and detention basin. Wetlands are behind this building near the southern channel which will be protected with compost filter tubes.

The second part of the work includes modifications to the Wachusett open channel at the end of the fore bay. They will need to lower the level of the fore bay to allow for 240 MGD of water to be able to flow through. They are proposing to construct a bypass around the circular dam; this will only be used during these emergency situations. They will place some stone in the bottom of the channel to prevent erosion during these times.

In this area, the temporary impacts are for 640 sq. ft. of land under water. The work on this section will occur when the channel is dry.

The third part of the project involves the construction of a new controlled access gate for better security. It will also control access to the city's pump station as well. The gate will impact 50 LF of bank and 170 sq. ft. of land under water. These impacts are minor, but are required to accommodate this new gate. All other locations had greater impact.

The last item is the removal of the soil on top of the storage tank to replace the membrane. They need to remove the top soil, put on the membrane, bring in sand and waterproof the system. A very small portion of this work is within the wetland buffer zone, so it was included. After some discussion about timing and construction sequencing and phasing, the Commission requested Ms. Ryder to get comments from the City Engineer prior to the next meeting on Aug. 7th. Several members were also interested in doing a site walk prior to final approval. Ms. Ryder will work with the MWRA staff to set up the site walk. The meeting was continued to the August 7th meeting.

Notice of Intent

424 South St. - South Street Realty Trust

Shane Oats from Coneco Engineering & Scientist along with Neil and Linda Fossile were present representing Tribune Construction Co. They are proposing to build a brook crossing with a prefab bridge structure, which they already have on the site. They propose a 20' wide and 26' span and 350 linear feet of roadway. They are proposing a detention basin as well, which will be designed to accommodate the future development. Impacts will be temporary for the bank, but permanent for portions of the buffer zone and bordering vegetated wetland. Ms. Ryder noted that she and the DEP had reviewed the plans and there is a lot of information missing as it relates to: Riverfront area calculations, wetland replication area, compensatory storage within the floodplain, and a question about what this bridge will be servicing- what is proposed on the other side of the stream. Mr. Demers asked whether the water and sewer were being installed at this time and where they would come from. After some further discussions, it was determined that the Commission would do a site visit on Saturday August 2nd at 8:00 AM and that the hearing would be continued to the August 7th meeting to allow the applicant ample time to provide the additional information needed.

Notice of Intent (Continuation) – **Review “draft” Order of Conditions**

19 Cullinane Dr. - Candy Hill Realty, LLC

The applicant wasn't present, but had provided a revised architectural plan showing the changes requested by the Commission. The Commission determined that in this case an engineered plan stamped by an engineer would be required for this lot. Ms. Ryder will convey. This hearing was continued to the August 7th meeting.

Notice of Intent (Continuation)

358 Berlin Rd. - Marlborough Brazilian SDA Church

At the applicants request this item was continued to the August 21st meeting.

Draft Order of Conditions

- DEP 212-1128 525 Maple St. – proposed Dunkin Donuts.

The Commission reviewed the draft Order of Conditions for this project. The Commission voted unanimously 7-0 to issue the Order as drafted and amended.

Certificates of Compliance:

- DEP 212-1121 NA Forest St. Public Roadway (between Martinangelo Dr. and Bartlett St.) – Mass Electric Co. d/b/a National Grid.

Ms. Ryder reported that this project has been completed and is stable and they met the conditions of the order. The Commission voted unanimously 7-0 to issue a Full Certificate of Compliance for this work.

Discussion

- DEP 212-1117 Ames St. Preserve @ Ames – Pre-construction meeting discussion as required by Order of Conditions. At the applicants' request this item was continued to the August 7, 2014 agenda, so they could be first.

Project Updates:

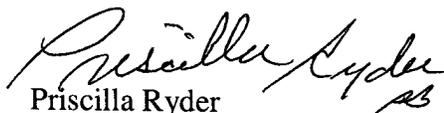
Correspondence/Other Business: The following correspondence was reviewed and the Commission voted to accept and place on file.

- Wetland Restoration/Wetland Pre-Replication Field Report #2 – Allen & Major Associates, Inc.

Meetings – Next Conservation Commission meetings – August 7th and August 21st, 2014 (Thursdays)

Adjournment - There being no further business the meeting was adjourned at 8:35 PM.

Respectfully submitted,



Priscilla Ryder
Conservation Officer