

**CITY OF MARLBOROUGH
CONSERVATION COMMISSION
Minutes
June 5, 2014 (Thursday)
Marlborough City Hall – 3rd Floor, Memorial Hall
7:00 PM**

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

Absent: David Williams

Approval of Minutes: The minutes of April 17, 2014 , May 1st and May 15th, 2014 were all reviewed and unanimously approved as written.

Public Hearings:

Notice of Intent

525 Maple St. - NGP Management

Michael Scott of Waterman Design and George Delegas, project architect, were present. Mr. Scott explained that they propose to redevelop the property containing the former Registry of Motor Vehicle to a Dunkin Donuts at 525 Maple St. The site only contains the 100' buffer zone from two separate wetland systems. The first is the wetlands across the street on Maple St. associated with the Sudbury Reservoir, the other is across Mill St. and is a small wetland whose buffer extends onto this property as shown on the plans. He showed the proposed plans which show a new building, new parking and drive thru layout, landscaping, and an underground detention/stormwater infiltration system. Because, the Sudbury Reservoir is an Outstanding Resource Water the drainage must be treated first of runoff which it is designed to do. Mr. Scott indicated he had spoken with the City Engineer Mr. Pilachowski and will be making some adjustments to the drainage based on his input but, wanted to know if the Commission had any other changes that should be incorporated. The Commission discussed the soil boring pictures and the high water table in this area. Groundwater is 3 ½ -4 ½ feet below the surface. They will be bringing in soil to raise the site, so the infiltration system will be 2' above the ground water table. They will need to load and unload a tractor trailer truck which will not be able to drive on to the site, so they are proposing to widen the roadway on Mill St. to accommodate this delivery. In addition, because the site is so small, the infiltration system is close to the roadway. The City engineer was not keen on this as it will harm the roadway over time. Mr. Scott will be including an underdrain along Maple St. to ensure that any water breakout will not affect the roadway. After some discussion about drainage and the abutters concerns to be sure drainage will not affect them, the Commission asked the applicant to come back to the next meeting with the following additional information:

1. Confirmation from the city engineer that the drainage as designed is adequate and meets the stormwater regulations,

2. Ensure all existing utilities are to remain are shown on the plans
3. Show erosion control locations
4. Add inspection ports to the infiltration system
5. Review landscaping plan with Chris White (during site plan review is OK)
6. Adjust snow removal criteria in O & M plan to remove it from site, not pile on pervious areas.

This project will also need approval from City Council, ZBA, and Planning Board. The hearing was continued to the June 19th meeting in order to allow time to provide the above information.

Request for Determination of Applicability

225 Boundary St. - The City of Marlborough DPW

Jim Finegan of Woodard and Curran and Michele Higgins of the city's DPW were present. Mr. Finegan explained that the City is under a consent order to improve the drinking water quality from the water treatment plant, the new system must be in by Dec. 31, 2014. Today the system draws the water from Millham Reservoir, filters it, chlorinates to disinfect, and sends it to a clear well which then goes to the distribution system. The new system will take it from chlorine disinfection to the clear well then through a new ultra violet light treatment system and back out to distribution. The work involves installation of a new building which is 30' x 34' to house the pipeline and UV units. Some new piping will need to be installed to get water to the UV system and back to the distribution system. The plan shows the new building, piping, erosion controls, and drainage. The base elevation of the building is just below the high water elevation, so dewatering will likely be necessary, although they are hoping to do this work in the fall when the water table may be lower. The small detention basin behind the building should never over flow, however, the Commission requested that an emergency spillway be provided, and this will be added. After further discussion about the process, the Commission closed the hearing and voted unanimously 6-0 to issue a Negative Determination of Applicability with conditions as noted above.

Certificates of Compliance:

- DEP 212-167 Boston Post Rd. (Bronx Office Park) – re-issue- Ms. Ryder noted that this is an old filing but the certificate never got recorded. The Commission voted 6-0 to re-issue the Certificate of Compliance for this project.
- DEP 212-767 25 Balcom Rd. (Full) – The file is now complete and the house is about to be sold. Ms. Ryder did a site inspection and confirmed all was in order. The Commission voted 6-0 unanimously to issue a full certificate of compliance with ongoing conditions.

Discussion

- Ames St. (Preserve @ Ames) (212-1117) – Minor modification to plans.
Ryan Bianchitto from Allen and Major; and. Kevin Maley of Fairfield Marlborough Partnership were present. Mr. Bianchitto explained that as outlined in the letter dated May

29, 2015 from Timothy J. Williams, PE of Allen and Major, Fairfield would like to make some minor changes to the plans which includes; slight adjustment to the building footprint, addition of 10 standalone garages over existing parking spaces, a mail kiosk, slight changes to club house and changes to the sidewalk/access walkway configuration. Slight changes to the landscape plan are also proposed. He explained that the outside perimeter of the work area does not change. Two of the garages do stick out into the detention basins, but do not change the volumes or impact that design. They did revise the drainage report and noted that the peak flows did not change. Although there is 17,000 square feet of additional impervious area due to these changes it is spread out across the project and does not require any of the detention basins or drainage structures to change. The garages will be slab on grade and wood framed with a slight pitch to the roof. Roof runoff is collected and put into the storm drain system. The Commission discussed the contaminated soil which is now proposed to be buried in a pile at the front, so these changes don't affect this soil issue. The Commission noted that there is a drain pipe under garage #1 which should be relocated, so it is not under the building. Mr. Bianchitto confirmed this could be moved. Because of the changes to impervious area, the Commission asked that the City Engineer review these changes as well and provide his input to these changes. Mr. Demers expressed concern with the burying of the soil on site, and said that this could be added to the pile behind Wendy's, so it's all in the same place; he is still not comfortable with burying the materials on site as proposed.

- OARS – Discussion regarding “wild trout bearing streams in Marlborough, Hudson, Sudbury and Concord study”. Sue Flint, staff scientist and Alison Fields Juma Executive Director of OARS the local watershed advocacy group for the Sudbury, Assabet and Concord River watersheds were present and made a presentation about some of the work they are doing including 1) Trout stream assessment, 2) Water quality monitoring, 3) Water Chestnut mapping, 4) Passage clearing and 5) SWIMI – water volume and water use assessment. The majority of the discussion revolved around the Trout stream assessment where OARS and Trouts Unlimited did a recent study on native brook trout streams project for this area. Sue Flint presented maps and data of the study area at the Desert Natural Area (DNA) and their tributaries which contain native brook trout and were looking to evaluate the health of the streams and any problems or obstacles for the trout in this area. They provided a slide show presentation and identified several culverts that are blocking the migration of trout further upstream. Several large and long culverts were identified in the Carisbrooke subdivision are preventing brook trout from migrating up further either because of their length – too dark for the trout to want to swim up, or the culvert is too high and will not allow fish to move up stream. One culvert at the DNA is preventing migration and is rotting out so should be replaced. Trout Unlimited is willing to invest in making changes to any of these culverts – either removing them, or adjusting them to allow for better fish passage.

Correspondence/Other Business:

- New England Wildflower Society control of Black Swallowort - Ms. Ryder asked the Commission if they could spend \$150 to do an herbicide spraying for Black Swallowort which is an invasive plant just taking hold at the entrance to the Desert Natural Area. The Commission approved and said to move forward with this treatment.

Meetings: Next Conservation Commission meetings – June 19th and July 17th, 2014
(Thursdays)

Adjournment: There being no further discussion the meeting was adjourned at 9:35 PM.

Respectfully submitted,



Priscilla Ryder

Conservation Officer