

**CITY OF MARLBOROUGH
CONSERVATION COMMISSION**

MINUTES

February 5, 2009

Memorial Hall, 3rd Floor, City Hall

Members Present: John Skarin- Acting Chairman, David Williams, Allan White, Dennis Demers and Michele Higgins

Conservation Officer - Priscilla Ryder

Absent: Edward Clancy-Chairman, Lawrence Roy,

Public Hearings

Notice of Intent (Continuation of Public Hearing)

City of Marlborough – Dept. of Public Works

Tim Collins, Assistant City Engineer, was present to review the propose work to reconstruct Steven’s St. One abutter was present and asked questions about timing and project sequencing. Mr. Collins explained that the DPW would be hiring a contractor to reconstruct Stevens St., install and improve drainage and resurface the roadway from Oakcrest St. to Barrett Rd. He showed the proximity of the project to two wetland systems on this roadway.

After some questions, the Commission closed the hearing. On a motion by Mr. White second by Mr. Williams, the Commission voted 4-0 to issue the Order of Conditions as drafted and amended.

Ms. Higgins arrived

Notice of Intent (Continuation of Public Hearing)

177 Maple St. – 175 Maple St. L.L.C.

At the developer's request, this item was continued to the March 5, 2009 meeting.

Notice of Intent (Continuation of Public Hearing)

785 Boston Post Rd. – PRTR, Inc. c/o Waste Management of Mass., Inc. and Donald Wright.

Bob Magnuson of Waste Management Inc., and Bill Goodman P.E. and Mark Allenwood of Brown and Caldwell were present; Mr. Wright was also in the audience.

Mr. Magnuson explained that they have a new plan design, additional information on water quality and current interim testing process. If acceptable to the Commission tonight, they will provide a binder with all the additional information for review prior to the next meeting. He explained that currently all water leaving the site is monitored. When the water level in the oil water tank gets high they are pumping the water through a jute chute treatment system. Only treated water is leaving the site. He provided a chart labeled “Daily Log of Turbidity Sampling Marlborough Transfer Station” which showed the testing and pumping done between 1-29-09 and 2-5-09. Nephelometer Turbidity Unit (NTU) readings of discharge into the wetland were on average 10.2 NTU’s. He noted that during the site visit with DEP, they indicated that a 50 NTU level was acceptable for wetlands, so that is their goal and they have readings that are much less – so they are doing well. The Commission asked how the system will work during rain events. They responded that the system would be overwhelmed, but they would try to stay on top of the

situation by treating the first 1 inch of runoff if they could. They still need to work on this part; however, prior to storm or snow melt events they will be cleaning and pumping all catch basins to limit any polluted water to pass through during the storm.

Mr. Allenwood presented the test results of the samples taken. Results show elevated iron and Chemical Oxygen demand (COD) levels and determined that these were in suspended form, so could easily be removed with treatment. No levels exceeded acceptable discharge levels. But, they have designed the detention basin to remove these two target items iron & COD.

Mr. Goodman reviewed the new design provided on a new plan. Several items have been added since the last meeting; including several catchbasins are being converted to manholes, installing a swale to collect runoff from the Post Rd. Auto site is proposed around the site, a trench drain will be installed at the transfer station building to be discharged to a holding tank, siltation barriers to be installed in key areas to help filter out solids, and reconfiguration of some of the pipes that were either undersized or not working to capacity.

He described the design of the detention facility and the flow pattern which is designed to treat the first 1" of runoff. The calculations show they will be achieving 99% TSS removal. The bottom of the basin will be an infiltration basin with a 4" perforated pipe to help convey materials off the site once it is filtered through the loam and sand. The basin will have some access paths for maintenance. An operation and maintenance plan will be submitted to the Commission along with the revised plans.

After much discussion about the basin design and pipe replacement, the Commission asked for the following additional information to be submitted at the next meeting. Revised plans are to include:

1. Construction sequencing plan;
2. Shifting the basin away from the wetland area, so there is enough space between the work area and the wetland/stream bank to allow construction without impacting the wetland;
3. Develop a planting plan for the outer detention basin slope above the wetland. The intent is to create a 20 foot wide natural vegetated buffer zone between the wetland edge and the top of the detention basin slope. This area once constructed and planted is to be left to naturalize and is not to be maintained (except to remove invasive species). If there is need to shift the detention basin away from the wetland to achieve a 20' buffer zone, it should be done;
4. Look into the jersey barrier system as designed to determine its long term life and whether a concrete wall or earth berm or other methods might last longer and require less maintenance to achieve the same results;
5. Meet with the City Engineer, Tom Cullen, to get his input;
6. Provide results and a summary of the results from the water sample tests both base flow and during the pumping event;
7. Confirm that all excess material removed from the detention area is clean, and if not clean, it is to be disposed of properly;
8. The Operation and Maintenance plan should include details on monitoring and reporting requirements. Please include some more monitoring and sampling in the first year and suggest that the plan be evaluated after the first year to ensure it is adequate or if it needs tweaking to maintain good water quality at the discharge point;

9. There was a question on the new drain pipe to be installed from the catch basin on the Post Road Auto side being to near the oil water separator tank. There was concern that the plastic pipe proposed may not be adequate given the minimal pipe cover for the heavy truck travel across it. Please review and address this item. Either change the pipe or add more cover.

After some additional discussion, the Commission with the applicants consent continued the hearing to the March 5, 2009 meeting.

Certificate(s) of Compliance

- DEP 212-271 42 Blanchette Dr. – Partial Certificate
Ms. Ryder noted that this is registered land and the original Certificate of Compliance was never recorded. The Commission voted unanimously 5-0 to issue a partial Certificate of Compliance for 42 Blanchette Dr. only to clear the title.

Acceptance of Minutes – The Commission reviewed the draft minutes and voted unanimously 5-0 to accept the following minutes as drafted December 18, 2008, January 8th and 22nd, 2009

Discussion - None

Correspondence/Other Business

- Annual Conservation update– Ms. Ryder will provide this update for the next meeting.
- Ms. Ryder asked the Commission to review a request from the U.S. Fish and Wildlife and Mass Audubon to join the SuAsCo cooperative Invasive Species Management. Area to help control invasive plants on conservation land. The Commission is being asked to participate and sign an MOU. Ms. Ryder handed out a flyer and will provide copies of the MOU for the next meeting.
- Ms. Ryder noted that a consultant has just been hired – Woodard & Curran to produce a Storm water Ordinance to meet the EPA Storm water phase II requirements. Drafts will be forthcoming in a few months.

Meetings – The next Conservation Commission meetings will be on March 5th, 2009. Since there are no items for review at the Feb. 19th meeting this meeting was cancelled.

Adjournment

There being no further business, the meeting was adjourned at 9:05 PM.

Respectfully submitted,

Priscilla Ryder
Conservation Officer