

**CONSERVATION COMMISSION
SITE VISIT
October 8, 2012 at 4:00 PM
Hanover Country Club, Hilton Field Lane**

In attendance:

Members: Ruth Bleyler, Ed Chamberlain (Chair), Doug McIlroy

Staff: Vicki Smith

Others: Tim McNamara, Russ Rohloff

On behalf of Dartmouth College, Tim McNamara described how over time this section of the golf course has become less well drained. It is a wetland with standing water and pipes that have surfaced instead of draining water. An existing underdrain is plugged. The improvements proposed will reduce the wetland area from about 25,000 square feet to 15,000 square feet and will create a flatter surface area on which golf balls can land. Now, the balls are rolling into the wetland. A stone wall will be built and fill added to create a flat area that is raised above the current elevation of the wetland. An underdrain will be constructed beneath the fill.

Vicki wondered how flows would not be increased with a decrease of 10,000 square feet of wetland. She was concerned about downstream impacts and especially erosion at the outfall in the gully leading to the Connecticut River. Russ and Tim will prepare a statement as to why the improvements will not have downstream impacts.

Ed described the CRREL studies of frost hummocks in the area of the wetland 20 years ago. Commission members noted that sledding routes may need to change to avoid the wall.

Russ and Tim were asked to show where the stockpile area will be; to provide a construction sequence; and to address how the proposed improvements will not concentrate flows from the golf course thereby exacerbating any runoff problems on the water's way to the Connecticut River. Tim may actually visit the outfall area and give us a report on its condition. He will also submit a special exception application in time for Wednesday's CC meeting.

Site visit adjourned at 4:40 PM.

Respectfully Submitted,
Vicki Smith