

**Belmont Conservation Commission Meeting** September 6, 2007 Town Hall  
Selectmen's Room  
5:30 PM

**Attendance:** Chair: Miriam Weil, Members: Margaret Velie, David Webster, Martha Moore, Nancy Davis, Carolyn Bishop  
Associates: Tino Lichauco, Darrell King, Monica King  
Agent: Mary Trudeau  
Public: Bruce Jacobs, Scott Horsley, Stanley Dzierzeski, Fred Paulsen, Elsie Fiore, Kit Dreier, Anne-Marie Lambert

**Minutes:**

Miriam Weil opened the meeting at 5:30 pm and noted that the meeting had been called to discuss the third party review for the Residences of Acorn Park Notice of Intent filing.

Scott Horsley introduced himself and reviewed a draft letter, dated September 3, 2007, with the Commission. Mr. Horsley stated that his letter represented only his preliminary analysis and included the following topics of concern:

The applicant's use of the Frimpler model for the estimation of seasonal high groundwater may not represent the most appropriate and accurate method of ground water estimation for this site, given the fill soils found throughout the locus;

The potential for groundwater mounding has not been explored by the applicant, and given the soils types on the site, this is a potential concern;

The best-management practices proposed in the Notice of Intent for stormwater management do not appear to meet the standards outlined in the Massachusetts Stormwater Management Policy guidelines;

The increase in impervious cover may cause thermal water quality impacts, and this potential has not been evaluated in the NOI filing;

The infiltration systems appear to be located within soils that exceed the maximum soil infiltration rates dictated by the Stormwater Management policy;

The infiltration system appears to be located within fill material, and this is not supported in the guidelines for the Stormwater Management Policy.

The Conservation Commission asked that Scott review the following additional issues:

The relationship of the groundwater elevations in the Bordering Vegetated Wetlands and the Compensatory Flood Storage Area;

The accuracy of the applicant's interpretation of the ten year flood elevation and the calculations showing the proposed alteration of the "inner" flood plain;

The use of the Compensatory Flood Storage area as a replication area for three distinct and differing areas of wildlife habitat loss; and

The use of a single compensatory flood storage area to mitigate for flood storage losses that occur within the reaches of two, separate streams.

The Conservation Commission also decided that they would like Epsilon to provide cross sections showing groundwater elevations, floodplain elevations and the garage of building B; as well as a cross section through the Compensatory Flood Storage area and the upgradient and downgradient topography. The Commission also asked that any post 2001 readings of the ground water monitoring wells on the site be requested of Epsilon Associates. Mary Trudeau agreed to request these materials prior to the September 11, 2007 public hearing.

The Commission discussed the preparation of a document detailing all of the concerns with the proposed development, and the need to submit this document to Epsilon Associates at the September 11, 2007 meeting. Mary Trudeau agreed to work on the text of the letter and to have a version available for the public meeting on September 11, 2007.

A motion to adjourn was made by David Webster, and seconded by Margaret Velie. The vote was unanimous to adjourn the meeting.

Meeting adjourned at 7:30 PM  
Submitted by Mary Trudeau, Agent