



LAKE • GEORGE
WATERKEEPER®

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June 9, 2010

Mr. Galen Seerup, Chairman
Town of Putnam Planning Board
123 Lower Road
Putnam Station, NY 12861

Re: Grennon – 4042 Beach Lane (11.20-2-11)

Dear Mr. Seerup:

The above referenced site plan review application was personally reviewed in my capacity as a licensed professional engineer and the Lake George Waterkeeper. I will be unable to attend the public hearing for the above referenced site plan and would like to offer the following comments to the Board for its consideration:

The on-site wastewater treatment system (OWTS) proposed should provide maximum treatment available due to site constraints and waivers required. The Town of Putnam Planning Board has granted a waiver for separation distance between absorption fields and the proposed water supply well. In addition, the OWTS may be within the required separation distance to adjoining property wells. Also, the proposed OWTS will not have the required two feet of separation based on the test pit information (seasonal high groundwater at 48") and the required depth of the Eljen absorption system (between 27" and 34"). This will reduce the soil available for the aeration and microbial treatment of the wastewater. Based on these constraints, the wastewater should receive the highest possible treatment to minimize potential impacts to water supply wells. Therefore, the applicant should be required to evaluate the use of an enhanced treatment unit such as a peat filter system to provide the highest quality treatment available.

Stormwater management should be required for the redeveloped site to improve water quality and reduce down gradient runoff problems. The project should be required to bring the site into compliance with the existing regulations to reduce negative impacts from unmanaged stormwater runoff. Additionally, runoff from the property is tributary to an area between Link Way and Meadow Way that currently experiences flooding problems resulting from unmanaged runoff. The Lake George Waterkeeper recently attended a site meeting with the Lake George Park Commission and the Town of Putnam to assess the area and it was determined runoff to the area of concern should be reduced.

The Lake George Waterkeeper recommends the following for the above referenced site plan application: 1) The applicant should be required to install an enhanced treatment unit such as a



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peat filter system to improve onsite wastewater treatment and reduce the potential impacts to water supply wells; and 2) The applicant should be required to install stormwater management for the site redevelopment to reduce runoff and negative impacts to water quality.

The Lake George Waterkeeper looks forward to working with the Town of Putnam Planning Board to defend the natural resources of Lake George and its watershed. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads "Chris Navitsky". The signature is written in a cursive style with a large, stylized "C" and "N".

Christopher Navitsky, PE
Lake George Waterkeeper

cc: Michael White – Lake George Park Commission
Brian Grisi – Adirondack Park Agency