

**From:** [Carroll, John](#)  
**To:** [Karen Edwards](#)  
**Subject:** For: Planning Board and Conservation Commission : A Question  
**Date:** Thursday, May 07, 2020 6:07:23 PM

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TO: Planning Board and Conservation Commission

With respect to the Gerrish Extension issue and related housing development, at what point will the Planning Board and Conservation Commission begin to look at off-site and downstream impacts of the proposed project?

There are at least two separate categories of such off-site downstream impacts:

1. water quantity issues related to run-off, freshwater flooding, eventual tidal confrontation in the Gerrish Brook in the vicinity of the Rte. 108 crossing of Gerrish Brook (the latter according to the Strafford Regional Planning Commission), all exacerbated by wetland elimination, extensive tree removal, land clearance, and hardening of impervious surfaces resulting from road construction, building construction, cut and fill, utility rights-of-way, etc., as well as well documented increases annual precipitation, now and in the future; and
2. water quality issues related to both chemical run-off (lawn treatment, fertilizer application, insect spraying, etc.) and, importantly, Nitrogen loading into the watershed, a particular federal government concern since the Nitrogen ends up in federally protected Great Bay.

These off-site downstream impacts call for a scientific analysis of the watershed impacts of the proposed project in Madbury and Durham, performed by a qualified watershed hydrologist. I assume that the applicant will not be calling for such a study, leaving it up to the Planning Board and Conservation Commission to do so. At what point might this occur?

Sincerely,

John E. Carroll

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