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RECEIVED
MAY 10 2022
TOWN OF WESTON
CONSERVATION COMMISSION

May 9, 2022

Mr. Stephen Nevas, Esq.
Nevas Law Group, LLC
237 Post Road West
Westport, Connecticut 06880

Re: Proposed Dog Park
Town of Weston
Lords Highway East
Weston, Connecticut

Dear Mr. Nevas,

At your request, I have reviewed the letter from Mr. Sidney Dudash, and I concur with his estimate of approximately 17,039 square feet of impervious area being created for the driveway and parking area for the proposed dog park.

This is all directly connected impervious area and when it rains will quickly generate runoff. The runoff will overwhelm the proposed stormwater management system as the system will be in the seasonal high groundwater table which was noted in my letter of April 17, 2022. As the storage volume within the underground gallery system will be reduced, excess runoff will be directed to the drainage system on Lord's Highway East and downgradient properties, potentially increases the flood risk on the off-site properties.

I have also reviewed the response from Harry Rocheville, PE of McChord Engineering to my comments. I have the following responses regarding the Design for the New Driveway.

Soil Testing: The applicant has not independently verified the results of the soil test by John Conte, PE which is the responsibility of the design professional. As noted in my April 17, 2022, letter actual groundwater was seeping into the hand hole at the depth of 23". As previously noted, the bottom of the underground detention system will be in the seasonal high groundwater table and thus will not function as intended.

Stormwater Management Design: As noted above, the system will not function as intended, thus there will be increased runoff discharged to adjacent downgradient properties. In my professional opinion, the runoff situation after the development of the driveway/parking area for the dog park will be worse than the current conditions. The natural wooded environment with a thick litter layer consisting of decaying organic matter (leaves, etc.) break up the velocity of rainfall and allow the virtually all the rainfall infiltrate into the upper permeable soil layers.

This statement is based upon my expertise as having a Bachelor of Science in Forest Management.

Please feel free to contact my office with any questions concerning this information.

Respectfully Submitted,
Trinkaus Engineering, LLC



Steven D. Trinkaus, PE