

October 28, 2020

Mr. Clifford Thier, Chair
Inland Wetlands and Watercourses Commission
Town of Avon
Avon Park South
Avon, CT 06001

Re: Map Amendment Application
Blue Fox Run Golf Course
Our File: 16132.00

Dear Chairman Thier and Commission Members:

In response to public comments made regarding the appropriateness of using the limits of the current 100-year Flood Elevation (FEMA BFE 162.50) versus some other storm event due to the impacts from Climate Change, I offer the following opinion.

Climate change has very little relevancy to this situation since the elevations of the Farmington River are primarily controlled by the series of dams and reservoirs constructed by the US Army Corps and MDC following the Great Flood of 1955 going upstream as far north as Otis Reservoir in Otis, MA. That event is considered by many to be the much greater than a 500 year flood event (some saying the 1,000 year flood) resulting from back to back hurricanes that generated up to 25 inches of rainfall in 24 to 36 hours on portions of the Farmington River Watershed upstream of Avon.

So any long term intensifying of larger rainfall duration or rainfall amounts resulting from Climate Change is really not going to impact the established 100 year flood event elevations along the river.

Very truly yours,

F. A. Hesketh & Associates, Inc.



David S. Ziaks, P.E.
President

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