From: John Carroll

To: Karen Edwards

Subject: Please send to Planning Board

Date: Thursday, September 09, 2021 11:39:31 PM

To the Members of the Planning Board,

In watching the deluge of rain during last night, early this morning, and late in the day today and tonight, we can say that the town owned Gerrish Wetland is safely holding and storing a lot of that water which is being slowly and gently released to the Gerrish Brook and Johnson Creek Watersheds downstream in both Madbury and Durham. Without that storage and management by nature and slow gentle release by that wetland, more severe flooding would be the result downstream and at the Rte. 108 crossing. One of the greatest values of undisturbed wetlands vegetation and soils is water storage and slow release. Therefore, the Bagdad Access to the proposed Gerrish housing development, thus far unstudied, must be properly studied and assessed before any decision is made on the disposition or destruction of the Gerrish wetlands and their water-holding capacity by a Gerrish Access.

We can expect more not less heavy rainfall events in the future, and we must maintain all the protection we can from their consequences.

John

John E. Carroll

Professor Emeritus of Environmental Conservation

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