

Meeting Minutes of the Hamlet of Taylor Beach Board
August 3, 2021 7:00 PM

Attendees: Dwayne H, Brian H, and Laurie L with Dave van Zeyl from JD Mollard via Zoom

Call to order 7:00 PM by Brian H.

Special meeting to review LIDAR based model prepared by Dave:

1. Dave presented the initial model of the Hamlet of Taylor Beach based on the information gathered through discussions with Hamlet Board as well as the LIDAR data prepared by his firm. Several water level scenarios were laid over the existing topography, which resulted in questions regarding the expected flooding at known high and low areas within the areas. The specific details of the culvert locations and capacity would also be important variables when reviewing the results.

Discussion to include the section of the creek before it enters the Hamlet and could potentially split to run alongside Invercauld to the Lake via the spillway (which was added in 2011).

Motion by Laurie that the Hamlet Board engages JD Mollard to include greater detail of the culvert diameters, the elevations of the roads and culverts within the road. These additional details will be used to recreate known flood results from prior years/Carried.

2. Dave reviewed the various grants currently available for flood mitigation. Discussion on the suitability of these grants for the Hamlet; neither appear to support the current goals/expenditures required.

3. Using sections of the work already done at Sandy Beach, Dave suggested that an aerial drone study documenting the channel flows and debris build up would provide additional information to determine if cleaning of debris would be helpful or not. Debris (usually trees and vegetation) can slow water speed which is an advantage, but it can also cause the channel to shift course and remove banks and increase water sediment.

4. Dave also illustrated the "delta" which was built up at Sandy Beach and how the wave action affected its erosion/movements. A similar study of ours can be included in the scope of work.

5. Dave offered to make a site visit to the Hamlet on Thursday, August 5 to gather the road, culvert and spillway elevations for the model. He will then prepare a quote for the work and present it to the Board for consideration.

6. Next regular Board meeting will be August 10, 2021 at 7 PM.

Motion by Dwayne to adjourn/Carried

Meeting adjourned at 9:38 PM