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23 November 2021

Brian Nielsen  
Attar Engineering, Inc.  
1284 State Road  
Eliot, Maine 03903

Dear Mr. Nielsen;

This letter is in reference to the Island Marine property located at 41 Route 236 in Kittery, Maine. On 22 November 2021 I conducted a wetland delineation on this property to assist you in planning the redevelopment of this parcel.

Wetlands are defined by the town of Kittery Land Use ordinance as follows:

**Wetland** means areas that under normal circumstances have hydrophytic vegetation, hydric soils, and wetland hydrology as determined in the Corps of Engineers Wetlands Delineation Manual - *Waterways Experiment Station Technical Report Y-87-1, January 1987*" (1987 manual). This definition of wetland is based on the 1987 manual and is not subject to further revisions and/or amendments.

Wetland characteristics were identified in the field using the technical criteria in the *Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Northcentral and Northeast Region*. The soil component was classified using the *Field Indicators of Hydric Soils in the United States*. The wetland status of plants were determined using the *National List of Plant Species that Occur in Wetlands: Northeast (Region 1)*. This is the standard used by State and Federal regulators.

Two wetlands were identified which meet the above definition. Blue flags A1 to A27 and flags B1 to B7 identify two sides of the same wetland. This is a large wetland, greater than an acre in size, and it continues off the property to the south. This wetland contains forested, shrub, and emergent marsh cover types. The emergent marsh vegetation appears larger than 20,000 square feet in area.

The second wetland is identified by flags C1 to C15 along the eastern property line. This shrub and forested wetland is

greater than an acre in size and continues off the property to the north and also drains across Route 236 through a culvert to the east. Flags C7 through C9 identify a portion of the wetland confined to a ditch at the base of the fill slope along Route 236.

Both of these wetlands have been partially filled.

I recommend you have the site investigated for vernal pools early in the Spring.

Please call if you have questions about this work or if I may be of further assistance.

Sincerely,



Michael Cuomo  
Maine Soil Scientist #211

