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Gary Stevens, Resource Protection Manager
York Water District
86 Woodbridge Road
York, Maine 03909

17 May 2018

Dear Mr. Stevens;

At your request, I conducted a vernal pool assessment in two areas of York Water District property being considered as alternatives for additional parking at the base of Mount Agamenticus. The two options were shown on an aerial photo overlay developed by Wright-Pierce.

Option one is at the intersection of Mountain Road and the existing Mount A access road. There are no wetlands within this option. There are no vernal pools within 250 feet of this option.

Option two is next to the Center for Wildlife facility (see attached sketch). There are two Significant Vernal Pools within 250 feet of this option, shown as "SVP #1" and "SVP per Joe Noel" (documented previously by Joe Noel for the Center For Wildlife expansion). There is a Significant Vernal Pool within this area shown as "SVP #2". There is a vernal pool which does not meet Maine's definition of significant not far from this area, shown as "VP-A".

The land within 250 feet of a Significant Vernal Pool is regulated by Maine DEP, which seeks to minimize clearing and soil disturbance in the 250 foot buffer. Generally, Maine DEP wants applicants to limit clearing and soil disturbance to 25% of the 250 foot buffer which the applicant controls. There is no

specific building setback from the vernal pool, but DEP prefers development as far as practical from the vernal pool edge. Greater than 25% clearing and soil disturbance within the vernal pool buffer is sometimes allowed, but the permit process is more difficult and less predictable.

The vernal pool which does not meet Maine's definition of significant (VP-A) has no State required buffer.

Generally, any wetland fill associated with the project can trigger US Army Corps of Engineers review of the project. The Corps exerts a 750 foot buffer around all vernal pools. Unlike the State, there is no significance threshold for vernal pools. Similar to the State, the Corps seeks to limit clearing and soil disturbance in the buffer, but allows development through a permit process.

As you can see from the attached sketch, most of the option 2 area of investigation is within the 250 foot Significant Vernal Pool buffers. If you should decide to proceed with option 2 planning, I will flag the near portion of the vernal pools so they can be survey located and a more accurate determination of the buffers can be made.

The two options are both entirely outside the Shoreland Protection Overlay District as mapped on the town's database.

Please contact me if you have questions regarding this work.

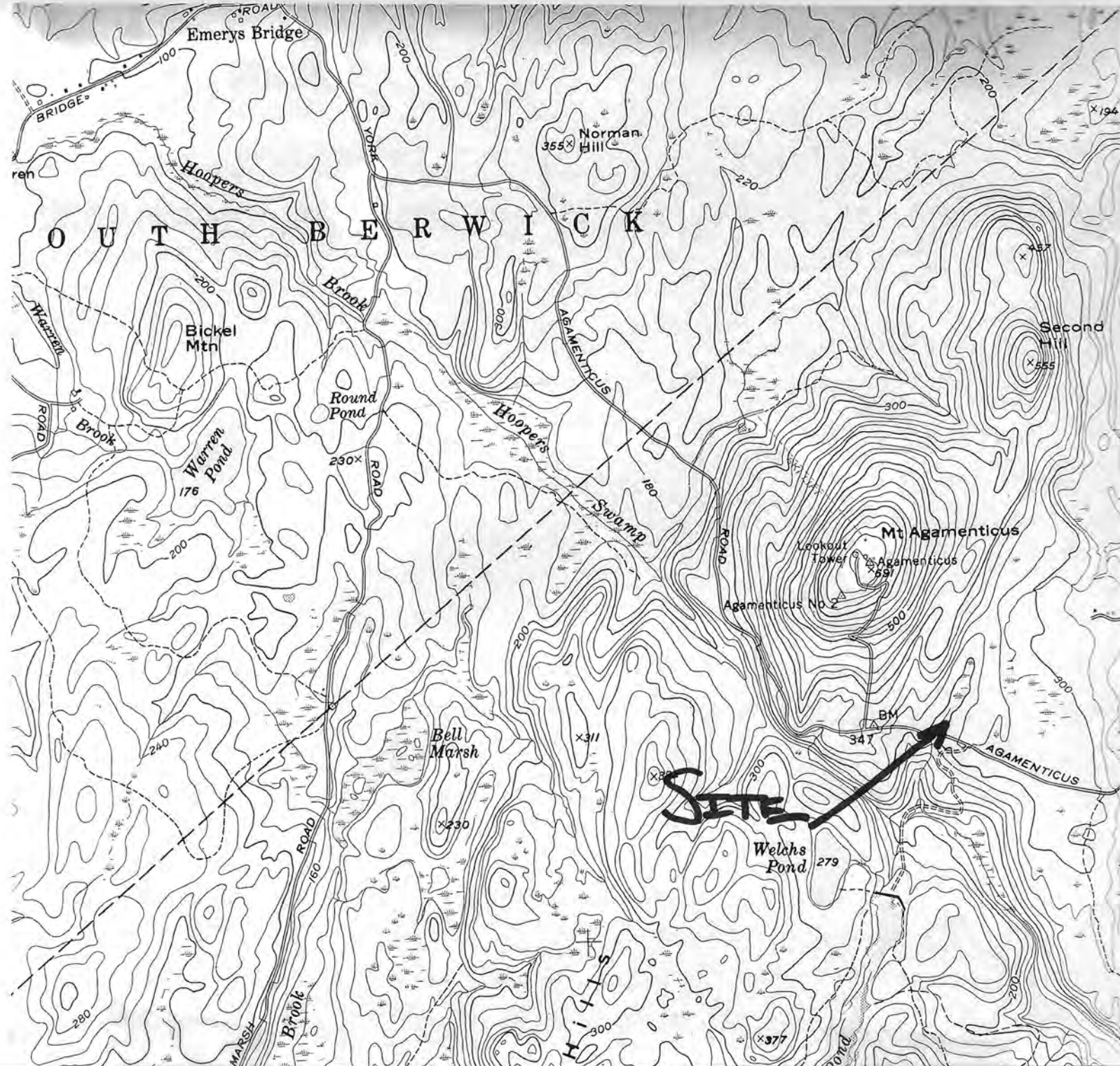
Sincerely,



Michael Cuomo
Maine Soil Scientist #211



Copy to: Maine Dept. of Inland Fisheries and Wildlife
Jonathan Edgerton, Wright-Pierce
Don Neumann, YWD



USGS Locus Map
York Water District
Mountain Road, York, Maine
17 May 2016 Michael Cuomo
From York Harbor Quadrangle