

July 3, 2018

Boxford Conservation Commission
c/o Ross Povenmire, Director
7A Spofford Road
Boxford, MA 01921

RE: Request for Determination of Applicability
Price Property – Willow Road
Assessors Map 6, Block 2, Lot 2.2

Dear Members of Commission:

On behalf of Toll Brothers, Inc., find attached a Request for Determination of Applicability for the installation of two (2) exploratory drinking water wells at the above referenced property. The wells will be drilled into bedrock in accordance with the procedures outlined in 310 CMR 22: The Massachusetts Drinking Water Regulations. The exploratory wells will be installed just outside the 100' buffer zone, however, staging of the drill rig, sediment forebay and testing apparatus will occur within the buffer zone.

The area of the buffer zone where the work will occur is an existing meadow area (See panoramic photo below). Access to the site will be through an existing farm road so no clearing of any trees or substantial vegetation will be necessary. A temporary sediment forebay will be excavated at each well on the downgradient side of the well to capture and detain water necessary for the drilling work. A perimeter of staked straw wattles will surround the work area. Any temporary alteration of the meadow will be raked and seeded once the work is complete.



Panoramic View of Meadow where wells will be installed

After the completion of the well installation, the water must be tested. The testing process involves running a low flow pump from each well for a period of 5 days. The pumps will run at approximately 10 gallons per minute which is the equivalent of a garden hose. The groundwater will be discharged into the sediment forebays until the water is clear. Once clear groundwater is established, the hoses will be extended to a point, at least 250' away from the wells, where they will discharge onto a small splash pad/level spreader consisting of plywood and staked haybales.

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At the completion of the test, the plywood, hoses and haybales will be removed. No alteration of earth or trees is required for the test even though the discharge of clean groundwater is within the buffer zone.



Farm Road for Access to Testing Area

The Wetlands Protection Act Regulations at 310 CMR 10.02 (2) (b) 2. g exempts exploratory well testing within the buffer zone. However, the Boxford Wetlands Protection Regulations Section 375-97.C(6) does not necessarily exempt this work but exploratory borings within the buffer zone are considered in the Bylaw to be temporary in nature with negligible impacts. The work will comply with the Wetlands Regulations Sections 375-97.D, E and F for minor impacts within the buffer zone. Therefore, we respectfully request that the Commission issue a Negative Determination of Applicability.

Thank you for consideration of this request. If you have any questions, please do not hesitate to contact my office at (978) 777-8586.

Sincerely,
The Morin-Cameron Group, Inc.

Scott P. Cameron, PE
Principal

SPC/kmm

Cc: Price Family, LLC