

May 31, 2023

Charlie Wear, P.E.  
Hancock Associates  
185 Center Street  
Danvers, MA 01923

**RE: Wetland Delineation, Forest Ridge, Rowley, MA (Site).**

Dear Charlie,

At your request Seekamp Environmental Consulting, Inc., (SEC) has prepared the following delineation report regarding the above referenced site. The delineation was completed on August 23, 2022 (A series), and on September 8, 2022 (B,C,D series) by SEC, in accordance with MWPA 310 CMR 10.00 et.al., the U.S. Army Corp of Engineers Wetlands Delineation Manual Technical Report Y-87- 1 and subsequent addendums as currently published. The wetland delineation was generally based on relatively distinct topographical features (incised swale / brook) and indicators of hydric soil and hydrology, in association with a preponderance of wetland species dominant in the overall vegetation cover. There is evidence of past agricultural use on the property and includes an existing woods road crossing (C series), and old dam / watering pond (A series) along the brook. Resource designations include Bordering Vegetated Wetlands (BVW) and Bank associated with intermittent streams.

The wetland delineation is labeled with a series of alphanumeric flagging placed at the wetland boundaries as follows:

**A1 - A62 (BVW / Bank)** - This series begins at the existing roadway crossing and ends at a stonewall near the property line. This series delineates a wooded wetland stream channel associated with a wet swale / intermittent stream (deeply incised) It is BVW particularly where the topography flattens and widens out occasionally. According to "Classification of Wetlands and Deepwater Habitats of the United States" (Cowardin), the wetland classification for this wetland is Palustrine Forested Broadleaved Deciduous (PFO-1) and where the delineation occurs along the ditch it is Riverine Intermittent Unconsolidated Bottom Streambed.

**B1 - B17 / B1a- B1b (BVW / Bank)** - This series delineates a wooded wetland stream channel associated with an intermittent stream (deeply incised). It is BVW particularly where the topography flattens and widens out occasionally. According to "Classification of Wetlands and Deepwater Habitats of the United States" (Cowardin), the wetland classification for this wetland is Palustrine Forested Broadleaved Deciduous (PFO-1) and where the delineation occurs along the ditch it is Riverine Intermittent Unconsolidated Bottom Streambed. (B1a - B1b extends the "B" series to the property line).

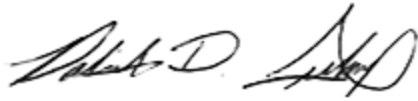
**C1 - C25 (BVW / Bank)** - This series delineates the upper reach of the deeply incised channel above the woods road crossing and is a wooded wetland with a mix of shrub and tree canopy along both the sides of the intermittent stream. It is BVW particularly where the topography flattens and widens out occasionally. According to "Classification of Wetlands and Deepwater Habitats of the United States" (Cowardin), the wetland classification for this wetland is Palustrine Forested Broadleaved Deciduous (PFO-1) and Riverine Intermittent Unconsolidated Bottom Streambed.

**D1 - D15** - delineates the opposite side of the stream from the B series and ends off the property at the aforementioned stonewall opposite flag B1b.

Please feel free to contact the undersigned if you have any questions regarding our delineation.

Sincerely,

**SEEKAMP ENVIRONMENTAL CONSULTING, INC.**

A handwritten signature in black ink, appearing to read "Patrick D. Seekamp". The signature is written in a cursive style with a large, stylized initial "P".

Patrick D. Seekamp, PWS, CWS  
Principal / Senior Wetland Scientist