



SABATIA, Inc.

April 4, 2024

Commissioners

Fairhaven Conservation Commission

40 Center Street

Fairhaven, MA 02719

RE: Wetland Replication Planting Plan, Charon Associates, Inc., “0 Bonney Street Parcel”, Fairhaven, MA 02719 (Map: 28B Lots 488 & 489).

Dear Commissioners:

At the request of Mr. Rick Charon, President & Professional Engineer, Charon Associates, Inc., Sabatia, Inc. produced this Replication Planting Plan in relation to proposed work that involves filling in an Isolated Vegetated Wetland (IVW) for the construction of a single-family-home at the subject parcel. The original wetland delineation was performed on August 10th, 2023 to identify the extent of the IVW. The investigation was performed alongside Thomas Liddy, PWS/CWS/RPSS, of Lucas Environmental, LLC., who provided a “Wetland Summary Letter” included in the Notice of Intent (NOI) application.

The purpose of the site assessment was to determine the extent of the subject areas to the jurisdiction of MGL Chapter 131, section 40 (The Massachusetts Wetlands Protection Act) and its regulations at 310 CMR 10.00 et seq. and the Fairhaven Wetlands Bylaw Chapter 192 and its regulations. The purpose of the Replication Planting Plan is to mitigate the work activities proposed by the Plan of Record (POR).

The Plan of Record (POR) was prepared by Charon Associates, Inc., titled “*Plan of Site, Proposed House and Utility Connections*”, originally dated April 12th, 2023, Rev. March 28th, 2024, with a scale of 1”=20’ and signed and stamped by Richard J. Charon, PE#28789.

The IVW was observed to comprise mainly of herbaceous vegetation best described as a wet meadow (310CMR 10.55). The IVW was delineated with a total of 8 wetland flags labelled WFA1 to WFA8 and is approximately 440 square feet. The dominant species observed in the IVW were Deertongue Grass (*Dichanthelium clandestinum*), Soft Rush (*Juncus effusus*), and Jewelweed (*Impatiens capensis*).

The proposed planting area is located towards the rear of the lot on the POR and consists of approximately 480 square feet (over 1:1 ratio of proposed versus altered). During the on-site investigation soil samples were analyzed to determine the presence of hydric soils. It was determined that the presence of hydric soils was faint and suggested that saturation is likely limited to seasonal saturation in the early part of the growing season.



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The plantings were selected to best fit the on-site conditions and to meet the regulatory requirement for vegetation, "...at least 75% of the surface of the replacement area shall be reestablished with indigenous wetland plant species within two growing seasons..." (CMR 310 10.55(4)(b)6.).

Planting List				
Common Name	Species Name	Wetland Indicator Status	Spacing	Quantity
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC	4'	15
Blue Flag Iris	<i>Iris versicolor</i>	OBL	6'	10
Tussock Sedge	<i>Carex stricta</i>	OBL	2'	25
Sea Myrtle	<i>Baccharis halimifolia</i>	FACW	4'	10
Soft Rush	<i>Juncus effusus</i>	OBL	3'	20
Deertongue Grass	<i>Dichanthelium clandestinum</i>	FACW	3'	10
Seaside Goldenrod	<i>Solidago sempervirens</i>	FACW	6'	10
Switchgrass	<i>Panicum virgatum</i>	FAC	3'	10

*The plantings should be planted either during the fall (late September – early November) or spring (late April – early June) for maximum survivability. *

Summary:

The applicant is proposing a wetland replication area to mitigate work proposed within their NOI application. A variety of native shrubs and groundcovers have been selected to mitigate the filling in of the existing IVW. Consult the POR for the proposed planting area.

Please feel free to contact me at 1-774-363-4141 or by email at Corey@Sabatia.net.

Sincerely yours,

Corey T. Bracken
President
Wetland Scientist
Sabatia, Inc.