

TO: Hingham Conservation Commission  
c/o Shannon Palmer, Conservation Officer

FROM: Sarah Stearns, PWS

DATE: July 23, 2025

REFERENCE: Black Rock Country Club, Invasive Species Management NOI  
Supplemental Information  
DEP File# SE 034-1537  
B+T Project No. 3052.01

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On behalf of Black Rock Country Club (the Club), Beals and Thomas, Inc. (B+T), in coordination with Water & Wetland, LLC (Water & Wetland), respectfully submits the enclosed supplemental information in support of the proposed invasive species management project.

In response to the supplemental information request received from the Hingham Conservation Officer via email on July 22, 2025, please see the responses below. For clarity of the administrative record, the request from Hingham Conservation Officer is depicted with **bold font** followed by responses in traditional font.

**Conservation Officer Request: It would be helpful to have a more detailed breakdown of the "multi-year phased treatment plan for Phragmites" to better understand timing, specific treatment methods, measures of success, etc. Please provide a table or similar to clearly show treatment plan by year. Also, indicate the overall restoration goal (percentage of eradication), required follow up treatments, and native species revegetation assessment, as applicable.**

Response:

The Club anticipates the natural re-colonization of native species in the treatment area once the seed bed is exposed. The Club, in coordination with Water & Wetland, will continue to monitor and report on the progress during and post treatment. We suggest revisiting the need for a more active revegetation plan with native species, if needed, after the proposed treatment program is complete, as outlined in the table below.

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Table 1: Protocol for Phragmites Treatment (outline provided by Water & Wetland)

Time of Year for Efficacy	Protocol	Application Method/Action	Expected Outcome
Year 1: September or October 2025	Initial Treatment	<p>Dense <i>Phragmites</i> monocultures:            Predominantly foliar spray at low concentration (&lt;1 gal/surface acre) to kill rhizomes at most vulnerable time of year</p> <p>Edges/areas of <i>Phragmites</i> stands where native vegetation becomes interspersed:            Hand wiping</p> <p>Monitoring/Progress Report sent to Conservation Commission</p>	After Year 1, expect 85%+ control (reduction in regrowth) after first application
Year 2: September or October 2026	Second Treatment	<p>Assess <i>Phragmites</i> regrowth to determine where foliar spray vs. hand wiping is required.</p> <p>Trace to sparse regrowth will be hand-wiped. Moderate stands of regrowth will be targeted with low volume foliar spray.</p> <p>Minimize nontarget impacts</p> <p>Monitoring/Progress Report sent to Conservation Commission</p>	<p>After Year 2, moderate level of remaining patches of <i>Phragmites</i></p> <p>Native species have not fully recolonized yet</p>

<p>Year 3:          September or          October 2027</p>	<p>Third Treatment</p>	<p>Typically, more hand          wiping than foliar at this          point</p> <p>Some stubborn stands          may still require foliar          spray for better          coverage</p> <p>Monitoring/Progress          Report sent to          Conservation          Commission</p>	<p>After Year 3,          we anticipate          native          species          recolonizing</p>
<p>Monitoring and          Maintenance</p>	<p>Monitoring/Treatment          as needed</p>	<p>Typically, very good  <i>Phragmites</i> control by          this point</p> <p>Request an extension of          the OOC or a COC          allowing for continued          maintenance of          phragmites following          similar approaches          based on monitoring, as          needed</p> <p>Continued reporting, as          needed</p>	<p>Native          species          continue to          recolonize</p>

cc: Chuck Welch, Black Rock Country Club  
 Joe Onerato, Water & Wetland

JYB/sws/mac/305201MR001