18. Project description and explanation (attach additional sheets as needed):

Please see attached documents.

The Open Space and Recreation Plan (OSRP) for Groton states as one of its goals: to protect and enhance
the quality of Groton's surface and groundwater as a source of drinking water and for wildlife and recreational
use. A second mandate is to evaluate and implement strategies for invasive plant control. These strategies
together will help to avoid increased eutrophic conditions that will impact property values that threaten future
tax revenues.

19. Feasibility: Fanwort treatment with Sonar is a common solution for infestation in lakes and ponds.

20. List of attachments: Several annotated aerial photographs taken of Knops Pond/Lost Lake,
a photo showing the size of the watershed in relation to the lakes, a photo depicting the major inlets to
Lost Lake, https://www.youtube.com/watch?v=XnXQb9Yahzo; this video depicts Cabomba infestation in Knops
21. Additional Information: A video of unchecked non-native infestation before treatment, and a copy of a report in 2013 revealing how successful the treatment was.

22. Management Plan: The contractor will treat the lakes in three phases. The first will occur in late April when
plants are young and more vulnerable; the second about a month later in May; and a final treatment at begin-
ning of July. A late season survey will record the impacts of the whole lake treatment. The cost will be spread
out over the season. 60% due following first treatment; 20% upon completion of second or booster treatment;
10% following final treatment and 10% upon completion of post treatment survey.

23. Applicant Signature: Alexander Weltzke  Date: Feb. 16, 2020
Co Applicant Signature:  
Date: 
Co Applicant Signature:  
Date: 