

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: Pond in 2012. 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 beginning 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 Woodle Date: Feb. 16, 2020
Co Applicant Signature: _____ Date: _____
Co Applicant Signature: _____ Date: _____