

<p>ADIRONDACK PARK AGENCY Division of Regulatory Programs PO Box 99, 1133 NYS Route 86 Ray Brook, New York 12977 Telephone (518) 891- 4050 www.apa.ny.gov</p>	 <p>NEW YORK STATE OF OPPORTUNITY.</p> <p>Adirondack Park Agency</p>	<p>APPLICATION FOR STOCKING TRIPLOID GRASS CARP</p> <p>Supplemental Information Request</p>
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Applicability: This Supplemental Information Request, together with a General Information Request, is the application for an Adirondack Park Agency permit for the stocking of Triploid Grass Carp (TGC) in or impacting wetlands subject to Agency permit jurisdiction. The stocking of TGC also requires a fish stocking permit from the New York State Department of Environmental Conservation (NYSDEC) and the Agency’s review of the project will be done in coordination with the NYSDEC staff. The Agency advises that you contact the NYSDEC Regional Fisheries Manager regarding permitting requirements and that you submit your permit applications concurrently to the Agency and the NYSDEC.

Instructions: Please answer all of the applicable questions in each numbered section and provide all required attachments. Type or print clearly in ink. **Submit three completed copies of the General Information Request (GIR), this Supplemental Information Request, and all required attachments to the Agency at the above address.** A site visit by Agency staff will also be required during the height of the vegetative growing season, and this site visit should be coordinated with the staff from the NYSDEC. The Adirondack Park Agency Act provides that the time period for review of the proposed project will not begin until the Agency determines that the application is complete. The proposed project may not be undertaken until a permit has been issued by the Agency.

Assistance: For assistance in completing this application or to request a pre-application meeting, please contact the Agency’s Regulatory Programs division at the above address/telephone number.

1. Project Sponsor and Authorized Representative (from GIR):

Project Sponsor: _____

Authorized Representative: _____

* Project sponsor must be an organization responsible for lake management of the waterbody and must have the consent of the owner of the waterbody.

2. Technical Representative:

Company: _____

Contact Person: _____

Mailing Address: _____

Telephone: _____

Fax/E-mail: _____

- Except for very small water bodies such as farm ponds, the Technical Representative must be a Fisheries Biologist, professional lake manager, or similar.

3. Site Location/Details:

a. Name of waterbody: _____

b. Scaled map of waterbody, including bathymetric contours (if available), the locations of all inlets and outlets, and the locations of any man-made or natural barriers which would prevent the passage of TGC (as determined by the Technical Representative).

4. Identification of Need: Describe the current nuisance plant growth problem in terms of plant species causing impacts and details and duration of those impacts. If use impacts occur, identify all such impacts. Describe all past efforts undertaken to address the issue.

5. Waterbody Information: Provide, as Attachment SIR-A, complete copies of all watershed management, water quality, and/or integrated aquatic plant management reports which have been prepared for the waterbody (e.g., NYS Citizen Science Lake Assessment, Paul Smiths College Adirondack Watershed Institute, etc.), including all reports generated as part of activities described in Item 4 above. If available, documents should be provided as electronic/pdf files.

6. Wetland Plant Community Assessment: A wetland plant community assessment must be undertaken during mid to late summer when aquatic vegetation is at the height of its vegetative growth. Unless another protocol is approved by the Agency, the following survey methodology shall be employed. A pre-application consultation with Agency staff is strongly recommended prior to undertaking the survey.

a. Provide a scaled map of all areas of emergent marsh and deep water marsh associated with the waterbody.

b. Include on the scaled map the limits of each vegetative bed with the limit of each bed determined where there is a change in overall abundance pursuant to the Cornell/US Army Corps Abundance Scale or where the plant community structure (i.e., dominant plant species) changes. Identify each vegetative bed with a unique identifying number or letter.

- c. Provide a table which corresponds to each vegetative bed, corresponds to the scaled map above, and which provides the following information:
 - i. The area (acres) of each vegetative bed*; and
 - ii. Identify the rake toss survey sites requested in Item 6.d. below located within each vegetative area. Show all sites by unique identifying letter or number. This identifier must be distinctly different than the identifier used to identify each vegetative bed (e.g. identify each rake toss site by number, and each vegetative bed by letter).

*The sum of all areas, plus the area within the littoral zone where there is either no vegetation, or vegetation which occurs at an abundance of less than “trace” pursuant to the Cornell/US Army Corps Abundance Scale, must equal 100% of the littoral area.
- d. Survey the vegetative community by using Point Intercept Rake Toss survey methodology. The survey should be comprised of sample sites which are distributed throughout the vegetative areas. The survey must provide the following:
 - i. One rake toss per survey site;
 - ii. Unless otherwise directed by Agency, undertake a survey which has a survey intensity of no less than three sites per vegetated hectare, with a minimum of 25 sample sites and a maximum of 150 sample sites. Sample sites should be evenly distributed throughout the vegetated area of the littoral area, and should be representative of the aquatic plant community composition of the waterbody. Note: If protected aquatic plant species are known or suspected to be in the waterbody, additional sample sites may be required to ensure the protection of the species;
 - iii. Record the overall plant abundance pursuant to the Cornell/US Army Corps Abundance Scale;
 - iv. For each site, identify the coordinates (latitude, longitude; UTM NAD 83) species composition (with each species identified to lowest possible taxonomic level), and identify each species’ abundance pursuant to the Cornell/US Army Corps Abundance Scale; and
 - v. Identify the vegetative bed identified in 6(a) within which the survey site is located.

7. **Fish Community Assessment:** Provide an assessment of the fish community found within the waterbody and provide details of the fish survey(s) undertaken to ascertain the community. Agency staff strongly recommends consulting with the NYSDEC prior to undertaking the survey.
8. **Protected Species:** List all threatened, rare, or endangered species reported in the surveys above, or as reported by New York State Natural Heritage Program (625 Broadway, 5th Floor, Albany, NY 12233-4757, 518-402-8949).
9. **Stocking Rate:** Identify the proposed TGC stocking rate in terms of the number of fish per vegetative acre, with the vegetative acreage determined by the total acreage of vegetation where density is “Medium” or “Dense” pursuant to the Cornell/US Army Corps Abundance Scale. Indicate the source of the fish and anticipated stocking date (season and year).

10. Fish Barriers:

- a. Provide details of any existing natural or man-made barriers depicted in the scaled map prepared for Item 3.c. above, in terms of the what the barrier consists of, and what evaluation was undertaken to ascertain that the barrier will be effective at preventing the passage of all size/age classes of TGC over all water flow events.
- b. Provide details of any fish barriers proposed to prevent the passage of TGC and identify these structures on the scaled map prepared for Item 3.c.
- c. For all inlets and outlets, identify all fish species which will become geographically constrained due to the installation of any new fish barrier designed to prevent TGC from leaving the waterbody.

11. Post Stocking Monitoring: Provide a detailed post-stocking schedule for monitoring aquatic plant community composition and abundance and water quality.

12. Project Alternatives: Discuss all aquatic plant management methods considered (including a “No Action” alternative) and state the reason why each was rejected.