Application # : _____
(DEC Use only)

Invasive Species Eradication Grant
2006/2007 Application

Part A. Applicant Information

APPLICANT (name of municipality or not-for-profit)

Name:	Town of Crown Point /	Town of Ticonderoga
Mailing address: (street, suite, PO Box)	17 Monitor Bay Road, Suite 3 /	117 East Montcalm Street
City, State, Zip:	Crown Point, NY 12928/	Ticonderoga, NY 12883
Check one: Municipality X	Not-For Profit Corporation (NFP) na	
Federal ID # :CP# 14-6002151 Ti # 14-6002469	Charities Registration # : na	

AUTHORIZED OFFICIAL

Name:	Dale French /		Bob Dedrick
Title:	Town Supervisor, Crown Point /		Town Supervisor, Ticonderoga
Telephone # :	518-597-3035 / 518-585-6265 x12	FAX # :	
E-mail address:	crownpoint@cptelco.net /		rdietrick@cptelco.net
Business address: (Name, Bldg)	Town of Crown Point /		Town of Ticonderoga
Street, Suite, PO Box:	17 Monitor Bay Road Suite 3 /		117 East Montcalm Street
City, State, Zip:	Crown Point, NY 12928 /		Ticonderoga, NY 12883

CONTACT PERSON (If different than above)

Name:	Rolf Tiedemann (Please CC Dale French on ALL communications)		
Title:	Vice President, Eagle Lake Property Owners, Inc.		
Telephone # :	585-647-2514 (home) 518-597-3618 (summer)	FAX #:	
E-mail address:	Camptouchstone@yahoo.com		
Business address: (Name, Bldg)			
Street, Suite, PO Box:	358 Electric Avenue		
City, State, Zip:	Rochester, NY 14613		

Part B. Project Summary

1. Project Name: Eagle Lake Eurasian Water Milfoil Eradication Project
2. Target Species: Plant XX Animal ? Multiple ?

A. Common/Scientific name(s): Eurasian Water milfoil_(EWM), Myriophyllum Spicatum.

B. Verified by: _Scott Kisbaugh NYSDEC, also Army Corps of Engineers Section 206 Program (Report copy attached)

3. Project Site/ Location: lake or pond XX river or stream ? wetland ?

Name of wetland or waterbody:	Eagle Lake			Size of wetland or waterbody, in acres:	420 acres
Total number of acres of wetland or waterbody infested:	8 plus	Total number of acres of the infestation to be treated:		Approx 7 *	
County:	Essex	Town:(s)	Ticonderoga and Crown Point		
Coordinates, if available, for the project's center of mass:	Latitude:	73* 37'	Longitude:	43*52'	
	UTM Easting:		UTM Northing:		

** Whole lake will be checked, with milfoil being removed using methods identified in narrative.*

4a. Public Access (Waterbody only)

Is public access to the waterbody available? YES XX NO ?

If yes, Describe: Public access is available at a DEC maintained boat launch, a DEC maintained unsupervised beach with a limited stay camp area, as well as from several pieces of state forest land that abut the lake.

Is the project proposed for a waterbody that serves as a source of potable drinking water or is a public water supply reservoir? YES ? NO XX

4b. Public Access (wetland or terrestrial)

Is the project proposed for a land area or wetland that is on public land? YES ? NO XX

If not, does the wetland connect to adjacent wetlands on public land? YES ? NO XX

5. Did the invasive species first appear within the past 1-3 years? YES ? NO XX

EWM has been growing an/ spreading throughout Eagle Lake's water column, and has possibly been transported to other lakes, since the late 1970's. It's time to address this cancer and restore our lake's ecological diversity and integrity before it completely suffocates.

6. If 5. is YES, is there any record of the same species being present in the wetland or waterbody at any time in the preceding 10 years? YES ? NO ? NA

7. Will the proposed project treat:

A. The entire infestation within the waterbody or wetland ?

B. Only a portion of the infestation within the waterbody or wetland XX

C. If B is checked, what percentage of the total waterbody or wetland is infested? Approximately 2% by volume, but the entire lake by distribution of plants/patches.

The data provided above is based on a 2003 GPS Survey conducted to identify the largest bed sizes and location. This survey was by surface observation and did not account for the presence of deep-water plants by deep-water observation. It was also not concerned with very small patches or isolated plants. As a result there are many acres of un-reported small and/or isolated EWM patches/plants in Eagle Lake that were outside the scope of the 2003 GPS survey. The infestation is spread out around the entire shoreline and is not a localized problem

D. If B is checked, what percentage of the total infestation will be treated? Approximately 30%

8. Is the waterbody upstream of un-infested, connected waters? YES XX NO ?

9. Is the waterbody downstream of infested, connected waters? YES ? NO XX

10. Will the project correct an identified impairment of a DOW priority waterbody (i.e., listed as impaired because of nuisance vegetation on the State Priority Waters List (PWL) ? YES ? NO XX

11. Summarize level of impairment to human uses caused by the infestation:

Use/Activity	Level of Impact (Check one - see Section 4 for explanation of terms	**Narrative Description of Impact**: Briefly defend or explain the level of impact selected. Level of impact applies to the entire waterbody, not just the area of the proposed project. For example, 3-4 acres of Eurasian water milfoil in a 25-acre lake could not cause a Precluded level of impact under most any circumstances.
A. Recreation (swimming, boating, hunting, and fishing)	? Precluded ? Impaired ? Stressed X Threatened	• The NYS day use beach has a ring of EWM just off its shore. Boating and swimming are impaired by its presence. Boats fragment it, and both boat motors and swimmers get entangled in it. • Several large (1/2 acre plus) patches are present in open waters. These present hazards to boaters and water skiers. • All of the dense patches threaten fish breeding grounds, with several anglers complaining of lower than previous year's fish catch totals.
B. Habitat value, Biodiversity	? Precluded ? Impaired ? Stressed X Threatened	Milfoil grows typically in waters from 2 to 15 feet deep. It out competes all native vegetative plants as it forms dense monoculture patches. Underwater video surveillance surveys of several of Eagle Lakes large dense beds show that no native vegetation remains in these milfoil infested sites. These spreading infestations threaten fish and other bio organism habitats. A 2003 GPS Survey of Eagle Lake shows this threat at several locations around the lake.
C. Aesthetic appeal	? Precluded ? Impaired ? Stressed X Threatened	EWM grows to depths of 30 feet in good clarity water. Eagle Lake has this clarity. When looking into the water where EWM is located, one only sees this mass of plant growth. When EWM tops out it forms dense surface mats that are very unnatural and unsightly. Pictures of Eagle Lake's "topped out" EWM beds have been utilized by many presenters at various conferences over the past several years to show the impact EWM has on the aesthetic quality of a water body. EWM grows even with ice on the water. During late summer and early fall, when it is most prone to fragmentation, 10 plus feet long pieces of it can be found floating on the surface of the lake and washed up along shore. These fragments can not only spread the plant to new locations in Eagle Lake but can impair shoreline access, get tangled in boat motors and become hitch hikers ready for transport to other water bodies.
D. Other: Economic	? Precluded ? Impaired ? Stressed X Threatened	Property values around water bodies with less than "perfect" water quality can suffer as people's access to the water is diminished. Eagle Lake has several locations where its growth impairs residents' access to the lake.

12. Will the project use and/or train volunteers for controlling target aquatic invasive species, and monitoring for and responding to re-infestation? YES XX NO ?

13. Has a permit for this or a similar project ever been denied or deemed incomplete? YES ? NO X

14. Have you received an Invasive Species Eradication Grant in the past? YES ? NO X

Part C. Project Timing and Costs

1.	Proposed project start date:	August 1, 2007	(August 1, 2007 is a good estimate)
2.	Proposed project completion date:	October 2010	(Start date plus three years, or shorter)
3.	Grant amount requested:	$ 55,000	(Round to the nearest whole dollar)
4.	Applicant's total match funds: *	$ 55,000	(Round to the nearest whole dollar)
5.	Total Project Cost:	$ 110,000	(Equal to grant amount + applicant's match funds, round to the nearest whole dollar)

* Applicant's match funds may include cash, billed labor, volunteer labor, professional services, equipment expenditures, supplies and materials, and donated services from public and private sources. Donated professional services are valued at the professional rate per hour. Volunteer, non-professional services are valued at New York State minimum wage, as of the time the volunteer service was provided. The New York State minimum wage increased to $7.15 per hour as of January 1, 2007.

APPLICANT CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true, complete, and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims my subject me to criminal, civil, or administrative penalties.	Signature of Authorized Official: (Originals Signed on 2 separate pages copies of signature pages attached)
	Date of Signature:

Part D. Include the Following Attachments:

Attachment A - Project Narrative
Attachment B - Project Budget
Attachment C - Project Schedule
Attachment D - Resolution of Support/Endorsement
Attachment E - Maps and Photographs
Attachment F - Invasive Species Management Plan
Attachment G - Ownership Documentation and Permission
Other requirements (see page 17):

1. Target species identification verification letter;
2. Documentation of Applicant funding sources;
3. Copies of permits.