 <p><b>NEW YORK</b> STATE OF OPPORTUNITY.</p> <p><b>Adirondack Park Agency</b></p> <p>P.O. Box 99 • Ray Brook, New York 12977 Tel: (518) 891-4050 • Fax (518) 891-3938 www.apa.ny.gov</p>	<p>APA General Permit <b>2015G-1</b></p>	<p><b>Permit Number:</b></p>
	<p>Application and Certification for the Rapid Response Management or Containment of Aquatic Invasive Species Using Benthic Barriers and Hand Harvesting Techniques</p>	

Instructions: Please answer all of the questions in each section and submit the application and required attachments in person or by mail to the Deputy Director, Regulatory Programs (DDRP), Adirondack Park Agency at the above address.

### Section A-Applicability

This application is to be used for proposals to control aquatic invasive species as part of a region or park-wide rapid response or containment program. The application may also be used for waterbody-specific rapid response proposals to remove and/or control of aquatic invasive species within a single waterbody, provided the targeted species distribution is isolated and not widely distributed throughout the waterbody.

### Section B-Project Information

Name of Entity Responsible for Project (Project Sponsor), mailing address, telephone and fax numbers, and email address:

Name of Certified Lake Manager, Aquatic Consultant, or other Qualified Individual responsible for overseeing the implementation of the Project or Program, mailing address, telephone and fax numbers, and email address:

Project Location (Name of Waterbody(ies)/Town(s)/Geographic Location(s)):

Required Attachments:

***The application will not be processed without all required attachments unless otherwise agreed to in advance by the DDRP.***

**Attachment A (For Water-body specific activities):**

If the proposal is for a waterbody-specific rapid response activity undertaken to eradicate or contain a newly introduced aquatic invasive species within a single waterbody, provide:

- a. an identification of the newly introduced species to be controlled and the date the species was first discovered within the waterbody;
- b. a map of the waterbody showing all areas where the newly introduced species is present, and all areas where surveys resulted in the nondetection of the target species. The map must be accompanied by a table or narrative which is referenced in the map and which provides GPS coordinates, an estimate of the area of each infestation, and a qualitative assessment of the density of the target species;
- c. a statement of the intended goals of the proposed activity (e.g., eradication, spread prevention);
- d. the list of qualifications for the individual(s) responsible for overseeing the control activity and the name(s) and qualifications of individuals overseeing the plant survey (satisfactory technical experience or training in the identification and management of aquatic invasive species is required);
- e. a brief narrative which describes the proposed treatment, including type of control (hand harvesting and/or benthic barrier installations), date(s) of treatment, and details regarding material composting (if applicable);
- f. if the proposed activity is to be undertaken on Forest Preserve lands, provide a copy of the site specific work plan (e.g. VSA or TRP) indicating the NYSDEC has approved the use of hand harvesting and/or benthic barriers for the project site;
- g. if the proposed activity is to be undertaken on other lands, proof of landowner authorization (this may be satisfied by landowner signature of the application); and
- h. if the applicant is a proposed lake association, demonstration that the association is: (i) a not-for-profit corporation; (ii) recognized by the local municipality; and (iii) represents a majority of the lakeshore owners.

**Attachment B (For Region or Park-Wide Programs):**

If the project is part of a region or park-wide rapid response or species containment or spread prevention program, provide:

- a. a detailed overview of the rapid response and/or spread prevention program, including the proposed term of the program, under which the activities will occur;
- b. a description of targeted species and water bodies and/or the geographic region(s) where work will be performed;
- c. a brief narrative which describes the proposed treatment, including type of control (hand harvesting and/or benthic barrier installations), date(s) of treatment, and details regarding material composting (if applicable);

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d. the list of qualifications for the individual(s) responsible for overseeing the control activity and the name(s) and qualifications of individuals overseeing the plant surveys (satisfactory technical experience or training in the identification and management of aquatic invasive species is required) (The Adirondack Park Invasive Plant Program and Adirondack Watershed Institute and the New York State Department of Environmental Conservation are recognized as possessing the necessary qualifications);

e. if hand harvested biomass will be composted, identify how the material will be de-watered and composted. Describe any offsite disposal methods which may include composting, burying and/or incineration; and

f. specify the material to be used for the benthic barrier, describe how the barriers will be anchored to the lake bed and the means to provide gas venting, if applicable. Describe the organization and/or individual(s) responsible for installing, maintaining, and removing the barriers. Provide details explaining how long the barriers are expected to be installed at each treatment location.

### Section C-Terms

1. This general permit authorizes individuals and legal entities approved by the DDRP to undertake specified regulated activities in wetlands involving rapid response management or containment of aquatic invasive species.
2. This general permit authorizes hand harvesting and benthic barrier installations as part of a region or park-wide rapid response or species containment or spread prevention program. It also allows hand harvesting and benthic barrier installations as part of an eradication/control of aquatic invasive species within a single waterbody that are not part of a region or park-wide program, provided that the targeted species distribution is isolated and not widely distributed throughout the waterbody.
3. The aggregate of all treatment area(s) within a single waterbody shall not exceed 0.5 acres in size unless a larger area is approved by the Deputy Director, Regulatory Programs (DDRP).
4. This general permit authorizes the management of aquatic invasive species including Eurasian watermilfoil (*Myriophyllum spicatum*), curlyleaf pondweed (*Potamogeton crispus*), water chestnut (*Trapa natans*), yellow floating heart (*Nymphoides peltata*), European frog-bit (*Hydrocharis morsus-ranae*), fanwort (*Cabomba caroliniana*), Hydrilla (*Hydrilla verticillata*), Brazilian Elodea (*Egeria densa*), Parrot-feather (*Myriophyllum aquaticum*), Broadleaf Water-milfoil (*Myriophyllum heterophyllum*), Yellow Floating Heart (*Nymphoides peltata*), Zebra Mussel (*Dreissena polymorpha*), and Quagga Mussel (*Dreissena rostriformis bugensis*), Asian clam (*Corbicula fluminea*) and those other species identified by the DDRP.

### Section D - General Conditions

1. The regulated activities in wetlands authorized by General Permit 2015G-1 shall be undertaken and completed only as described in the submitted and approved Application and Certification and in compliance with the terms and conditions of General Permit 2015G-1 and this Application and Certification. In the case of conflict, the terms and conditions control.
2. The aquatic invasive species management activities described in the Application and Certification and required attachments may not be undertaken unless and until the application and certification is signed by the DDRP, and the signed certification is returned to the applicant.
3. Failure to comply with this general permit is a violation and may subject the applicant and its agents to civil penalties and other legal proceedings, including suspension or revocation of the permit.
4. Nothing contained in this general permit certification shall be construed to satisfy any legal obligations of the applicant to obtain any governmental approval or permit for any entity other than the Agency, whether federal, State, regional or local.
5. The Agency may conduct on-site investigations, examinations and evaluations as it deems necessary to ensure compliance with the terms and conditions of this permit. Such activities shall take place at reasonable times and upon advance notice where possible.
6. At the written request of the Agency, the applicant(s) shall report in writing the status of the project, including details of compliance with any terms and conditions of this permit.
7. The applicant shall be required to provide 15 days advance mail notice to all shoreland property owners located adjacent to **or within 500 feet of** sites where benthic barriers will be used. The notice shall describe the proposed management activity, date(s) and duration of the control activity and the name of individual, including daytime telephone number, responsible for supervising the control effort. Alternatively, prior to installation of benthic barriers the applicant shall obtain adjacent shoreland owner sign-off on a document which provides notice to these shoreland owners.
8. The applicant shall require that any agent, contractor, certified lake manager, or other person responsible for the overall supervision of this project read and understand this permit and approved plans and all terms and conditions prior to undertaking the project. Copies of the signed permit and approved plans shall be kept at the project site during all control activities.

9. Additional specific conditions, if any, may be added to the certification as determined by the DDRP.
10. For Forest Preserve lands, all biomass material should be removed from the area and properly disposed of at a site off of Forest Preserve. If removing harvest materials off site proves to be difficult due to volume and or distance, permission from the Agency may be requested to scatter these materials. Harvest materials may be scattered on adjacent upland Forest Preserve areas at a minimum distance of 50 horizontal feet from the shoreline and in a manner that the biomass material is not clumped or piled which will eliminate or impede growth of native vegetation.
11. Unless authorized by the DDRP, any individual plot or subplot within the treatment area shall not be treated more than two times within any consecutive three year period.
12. Prior to the installation of benthic barriers, the applicant shall survey each proposed treatment area for the presence of NYS rare, threatened or endangered species. Unless authorized by the DDRP, if any site contains rare, threatened or endangered species, benthic barriers shall not be used and management shall be limited to hand harvesting around the protected species. Also prior to the installation of any benthic barrier, the applicant shall survey the proposed treatment area to determine if any water supply intakes, discharges, or other manmade features, including archeological resources, exist. If present, only hand harvesting activities are authorized around the feature unless the owner of intake/discharge/other feature provides written consent to the use of benthic barriers.
13. Benthic barriers deployed through the winter months shall be removed by May 31 of the year following installation. The applicant shall be responsible for inventorying and retrieving all benthic barriers, including those which were displaced by wave, wind, ice movement, or other forces.
14. All benthic barriers placed on Forest Preserve shall be removed by October 1st of the year in which they were originally installed unless otherwise authorized by the DDRP and NYSDEC.
15. This permit does not grant the applicant any right to trespass upon the lands of, or interfere with the riparian rights of others in order to perform the permitted work, nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

### **Monitoring and Reporting Requirements**

16. An electronic (pdf or similar) annual report shall be submitted to the Agency by February 28 each year following each field season and shall include at a minimum the following:

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- a. A map, or series of maps, showing all treatment locations. The map(s) shall be annotated to a table or other written report which provides the following:
  - i. a site location description including GPS coordinates;
  - ii. target species, date(s) and methods of treatment (including dates of installation and removal for all benthic barriers);
  - iii. estimated total square foot of area treated by hand harvesting and estimated total square foot of area treated with benthic barriers,
  - iv. assessment of the volume of material removed by hand harvesting, and qualitative assessment of the treatment activities including any problems and/or difficulties associated with the treatment.
- b. A second map with overlays showing all areas treated within the prior four years. The map must clearly delineate each treatment effort by year and must differentiate between hand harvesting and benthic barrier installations.
- c. Provide detailed information which demonstrates compliance with Conditions 7 and 12 above.
- d. If the project is part of a region or park-wide, rapid response program, the applicant shall provide documentation from landowner confirming authorization was obtained prior to undertaking management activities. For activities on Forest Preserve confirming authorization shall be obtained from the NYSDEC (e.g. VSA, TRP) and shall also demonstrate that approvals were obtained prior to commencement of work.

**Section E- Authorization**


By signing this permit application, the applicants agree to strictly comply with the terms and conditions of this application and certification.

X \_\_\_\_\_  
Signature of Applicant

X \_\_\_\_\_  
Signature of Project Site Landowner(s) **(A landowner signature is not required for region or park-wide rapid response programs – see condition 16.d. above)**

X \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of APA Environmental Program Specialist or Associate A.P. Project Analyst  
(Required before regulated activity can be started)

X \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of APA Deputy Director, Regulatory Programs  
(Required before regulated activity can be started)

 <p><b>NEW YORK</b> STATE OF OPPORTUNITY.</p>	<p><b>Adirondack Park Agency</b></p>	<p><b>APA General Permit 2015G-1</b></p>	<p>Effective Date:</p>
		<p>In the Matter of the Issuance of a General Permit for the Rapid Response Management or Containment of Aquatic Invasive Species Using Benthic Barriers and Hand Harvesting Techniques</p>	

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(518) 891-4050 www.apa.ny.gov

**SUMMARY AND AUTHORIZATION**

Pursuant to Environmental Conservation Law (ECL) Article 24, Executive Law § 809(13)(e) and 9 NYCRR § 572.23, this general permit authorizes the rapid response management or containment by qualified individuals and entities of the following aquatic invasive species in wetlands throughout the Adirondack Park through the use of benthic barriers and hand harvesting techniques:

Eurasian watermilfoil (*Myriophyllum spicatum*), curlyleaf pondweed (*Potamogeton crispus*), water chestnut (*Trapa natans*), yellow floating heart (*Nymphoides peltata*), European frog-bit (*Hydrocharis morsus-ranae*), fanwort (*Cabomba caroliniana*), Hydrilla (*Hydrilla verticillata*), Parrot-feather (*Myriophyllum aquaticum*), Broadleaf Water-milfoil (*Myriophyllum heterophyllum*), Yellow Floating Heart (*Nymphoides peltata*), Zebra Mussel (*Dreissena polymorpha*), and Quagga Mussel (*Dreissena rostriformis bugensis*), Asian clam (*Corbicula fluminea*) and those other aquatic invasive species identified by the Deputy Director, Regulatory Programs (DDRP).

All activities undertaken and completed pursuant to this general permit shall comply with this general permit and shall be as described in, and in compliance with the terms and conditions of the approved Application and Certification for this general permit.

This general permit shall be in effect throughout the Adirondack Park from the date of issuance and shall remain valid unless modified or revoked by the Agency.

**ADIRONDACK PARK AGENCY JURISDICTION**

The Agency requires permits for regulated activities conducted in or impacting wetlands in the Adirondack Park pursuant to Executive Law §§ 809 and 810, ECL § 24-0701(2) and 9 NYCRR §§ 578.3(n)(1) and (2). Any form of dredging, excavation, removal of soil, peat, mud, sand and any other activity that substantially impairs the functions served by or the benefits derived from freshwater wetlands requires a permit from the Agency. The control or removal of aquatic invasive species in a wetland is a regulated activity requiring a permit from the Agency because it impacts wetlands and adversely affects certain wetland functions.

## ELIGIBILITY FOR APPLICATION

Individuals and legal entities approved by the DDRP based on relevant qualifications and training are eligible to apply to undertake specified regulated activities in wetlands involving rapid response management or containment of aquatic invasive species in the Adirondack Park. In order to be eligible for this general permit, the proposed activity must: (1) apply only to the aquatic invasive species noted in the Summary and Authorization above or otherwise identified by the DDRP; (2) involve an aggregate of all treatment areas within a single waterbody of no more than 0.5 acres in size unless a larger area is approved by the DDRP; (3) use only benthic barriers and hand-harvesting techniques; (4) not require additional detailed engineering or environmental studies; and (5) be able to meet the terms and conditions of this general permit and the Application and Certification for this General Permit.

## PROCEDURES

1. To use this general permit, the applicant must fully complete and submit to the Agency a General Permit 2015G-1 Application and Certification, including all required attachments. The application may be submitted in person to the Agency or by mail at:

Adirondack Park Agency  
Deputy Director, Regulatory Programs Division  
NYS Route 86, PO Box 99  
Ray Brook, New York 12977

2. Within 15 calendar days of receipt of an application, the Agency will review the application for completeness, confirm jurisdiction, determine whether the proposed activity meets the eligibility criteria and contact the applicant to arrange a meeting at the site of the proposed activity.
3. If the application is incomplete, the Agency will inform the applicant by certified mail indicating what specific information is missing. On the day the Agency receives the missing information from the applicant, a new 15 calendar-day review period begins for determining completeness.
4. If the application is approvable, within 10 calendar days of the site visit or when the application is deemed complete, whichever is later, the Agency will, by certified mail, issue a signed General Permit 2015G-1 Application and Certification approving the activity.
5. Where an application has been determined to be ineligible for authorization pursuant to this general permit, the Agency will send a letter by certified mail briefly explaining why the activity is ineligible and stating that the activity may be reviewed again upon receipt of a new application for an individual project permit.



6. By signing the application, the applicant:
  - a. confirms that the information contained in the application is true, accurate and complete;
  - b. agrees that if a jurisdictional activity has been determined to be ineligible for approval under this general permit, the appropriate major permit application must be submitted to the Agency and a permit issued before that activity can be undertaken; and
  - c. agrees that the time period for review for completeness of any subsequent application for an individual permit will not begin to run until the Agency has received the individual permit application.
7. The review time periods established in Executive Law § 809 shall not apply to Agency review of an application pursuant to this general permit, except that if the Agency does not issue a certification within ten business days of determining that a proposed activity is eligible for authorization under General Permit 2015G-1, the procedures established in Executive Law § 809(6)(a) shall apply.
8. All work on lands classified as lands underwater owned by the State of New York and not classified as State Forest Preserve requires approval from the NYS Office of General Services. All work on lands classified as Forest Preserve requires approval from the New York State Department of Conservation (NYSDEC). Work on underwater lands owned by private individuals requires authorization from all owners of record of that land.

#### **FINDINGS OF FACT**

1. Freshwater wetland covertypes potentially affected by activities involving the management of aquatic invasive species include the following as described in the ECL § 24-0107(1)(a): emergent vegetation, rooted, floating-leaved vegetation, free-floating vegetation, bog mat vegetation, and submergent vegetation. These covertypes form the wetlands defined in 9 NYCRR §§ 578.3(c) and (d) as “emergent marsh” and “deep water marsh.”
2. The wetlands potentially affected by implementation of activities involving management of aquatic invasive species provide important benefits valued by society such as flood and storm control and abatement, wildlife habitat, surface and subsurface water resource protection, recreation, erosion control, education and scientific research, open space and aesthetics and nutrient cycling.
3. Aquatic invasive species have demonstrated severe negative effects on native wetland systems including loss of habitat, negative changes in hydrology and nutrient cycling and loss of biodiversity. This general permit is issued to allow qualified individuals and entities to implement activities to eradicate or reduce population numbers or otherwise control the growth and spread of the aquatic invasive species noted in the Summary and Authorization above.

4. Invasive species management on Forest Preserve is identified as an approved activity in the March 2010 Inter-Agency Guidelines for Implementing Best Management Practices for the Control of Terrestrial and Aquatic Invasive Species on Forest Preserve Lands in the Adirondack Park.
5. Implementation of management practices to eradicate or reduce population numbers or otherwise control the growth and spread of the noted aquatic invasive species in accordance with this general permit will not result in undue adverse impacts on Park resources.
6. The project as proposed and authorized herein will not cause any change in the quality of "registered," "eligible," or "inventoried" property as those terms are defined in 9 NYCRR § 426.2 for the purposes of implementing §14.09 of the New York State Historic Preservation Act of 1980.

### **CONCLUSIONS OF LAW**

The Agency has considered all statutory and regulatory criteria for project approval set forth in Executive Law § 809(10)(e), Environmental Conservation Law §§ 24-0801(2), and 9 NYCRR § 578.10. The Agency hereby finds that all regulated activities authorized by this general permit and a certification issued pursuant to this general permit that are undertaken as authorized:

- a. will be consistent with the land use and development plan;
- b. will be compatible with the character description and purposes, policies, and objectives of the land use area(s) involved;
- c. will be consistent with the overall intensity guidelines for the land use area(s) involved;
- d. will comply with the shoreline restrictions of Executive Law § 806;
- e. will not have an undue adverse impact upon the natural, scenic, aesthetic, ecological, wildlife, historic, recreational or open space resources of the Park or upon the ability of the public to provide supporting facilities and services made necessary by the project, taking into account the economic and social benefits that might be derived therefrom; and
- f. will secure the natural benefits of wetlands associated with the project, consistent with the general welfare and beneficial economic, social, and agricultural development of the state.

GENERAL PERMIT issued this      day  
of    , 2015.

ADIRONDACK PARK AGENCY

BY: \_\_\_\_\_  
Richard E. Weber, III  
Deputy Director, Regulatory Programs

STATE OF NEW YORK)  
                                  ) ss.:  
COUNTY OF ESSEX )

On the                day of    in the year 2015, before me, the undersigned,  
a Notary Public in and for said State, personally appeared Richard E. Weber, III  
personally known to me or proved to me on the basis of satisfactory evidence to be the  
individual whose name is subscribed to the within instrument and acknowledged to me  
that they executed the same in their capacity, and that by their signature on the  
instrument, the individual, or the person upon behalf of which the individual acted,  
executed the instrument.

\_\_\_\_\_  
Notary Public

REW:LRW:PVC:ESS:mlr

April 2015

