

## 2008 PROGRAM WORK TEAM ANNUAL REPORT FORM

1. Full name of your Program Work Team (PWT):

**Aquaculture Development in NY**

2. Names, affiliations and e-mail addresses of the PWT Co-Chairs (with an asterisk [\*], please indicate the co-chair responsible for finalizing this report):

Michael B. Timmons\*, Biological and Environmental Engineering - [mbt3@cornell.edu](mailto:mbt3@cornell.edu)

Gregg Rivara, Cornell Cooperative Extension of Suffolk County – [gjr3@cornell.edu](mailto:gjr3@cornell.edu)

3. In your successful PWT petition, you committed your team to:

- Fully engage your member stakeholders, especially externals.
- Address specific statewide program needs.
- Conduct or plan to conduct programs/activities to address those needs.
- Seek and document productive outcomes through evaluation efforts.
- Integrate applied research and extension activities.
- Foster multidisciplinary approaches.
- Explore external sources of support for PWT efforts and programs.

On the next single page (page two) only, please identify your PWT's activities, accomplishments, and, most importantly, outcomes and impacts over the last year. PWTs terming as of 9/30/04 (see conveying e-mail message identifying these) are asked to provide a fuller summary of their outcomes and impacts over the past two years.

PWT co-chairs should do their best to convey their team's progress and accomplishments. Co-chairs are encouraged to choose and include any information that they believe best reflects the productive results of their team's activities and that they wish to share with other PWTs, Program Councils, administration, and the public in general. It is particularly important to include specific programming outcomes and impacts in your report. Please consider and report any changes in audience behavior, skills, or conditions, and what differences occurred in individuals, groups, families, businesses, or communities due to your team's work.

Via the main PWT website (<http://www.cce.cornell.edu/program/pwts>), you can find your PWT's petition and its previously submitted annual reports to use as reference.

Please maintain 1-inch margins on all edges and use a font size no smaller than Arial 11 or Times New Roman 11. Any text submitted beyond page #2 will be disregarded.

1. **Downstate Report (Rivara).** Aquaculture programs on Long Island included a Best Management Practices workshop for shellfish growers. Funded by the Northeast Regional Aquaculture Center, the BMP project will create a document of sustainable practices that shellfish farmers can voluntarily use to produce environmentally and economically sustainable shellfish. Trials of ePaint®, a non-toxic antifoulant were performed on various shellfish culture gear. As a result, a proposal was submitted to the Saltonstall-Kennedy Grants Program administered by NOAA. This project will take place pending approval of the proposal.

Nine meetings of the Aquaculture Lease Program Advisory Committee were held in 2008. As a member of the committee Rivara provided pertinent information to Suffolk County agency staff and politicians, which is working on a leasing program of underwater lands for shellfish cultivation. The committee interfaces with consultants, present and potential members of the industry, and commercial fishers. The state law that granted Suffolk the right to lease sunsets at the end of 2010.

2. **Aquatic Animal Health (Bowser).** The Aquatic Animal Health Program (AAHP) located at the College of Veterinary Medicine, Cornell University continues to provide fish disease diagnostic assistance to the freshwater aquaculture community, primarily in Upstate New York. During 2008, 81 disease diagnostic investigations were processed in that portion of the diagnostic work. The AAHP continues to have representation at the two annual Aquaculture Intersector meetings held each year. The Aquaculture Intersector meetings are ad hoc meetings of the commercial aquaculture community, NYS government agency representatives and university faculty and staff where contemporary issues of concern to the aquaculture community are discussed. AAHP representatives also assisted in the presentation of two Aquaculture Biosecurity Workshops sponsored by the Northeast Regional Aquaculture Center.

3. **General (Timmons).** The PWT continues to maintain its website, [www.bee.cornell.edu/extension/aquaculture](http://www.bee.cornell.edu/extension/aquaculture). This site is our main avenue for information transfer and access to information about various aquaculture topics and is the avenue to sign up for the 2009 Cornell Aquaculture summer short course which will be held July 9-13 on the Cornell main campus.

The PWT's previous output of a 72-page white paper "New York Aquaculture Industry: Status, Constraints, and Opportunities" continues to be an important document in documenting the current status of our industry. Copies are available from any of the PWT co-chairs. This document continues to be requested and has been mentioned by many individuals as being extremely useful in describing the current industry and the potential for future development. The white paper is also available at the Aquaculture PWT site: [www.bee.cornell.edu/extension/aquaculture](http://www.bee.cornell.edu/extension/aquaculture).

We conducted a 1-week short course on the principles of indoor aquaculture for the 14<sup>th</sup> consecutive year. This past year's course was held at Virginia Tech (Blacksburg, VA) was co-hosted by their aquaculture faculty. We had 24 students from all over the world in attendance. The course covered the basics of water recirculation, health and biosecurity. The short course was also offered as a distance learning course.