

The North American Amphibian Monitoring Program (NAAMP, website: [www.pwrc.usgs.gov/naamp](http://www.pwrc.usgs.gov/naamp)) is a collaborative effort among USGS, State Agencies, and other partners, to monitor calling amphibians abundance. The over-arching objective of this research grant is to provide a Northeast regional trend assessment for calling amphibians using NAAMP data. In support of this objective, development of modeling and trend assessment framework for regional reported is needed that will build upon existing occupancy modeling. For the third quarter of 2011 accomplishments include the completion of the 2011 frog call field season, documenting in-kind match of the volunteers and state partners, and partial completion of data entry and review. In the fourth quarter we expect to complete data entry and review. Also we will begin the analysis process by working on data extraction and model development. In addition, due to an unexpected short-fall in the in-kind match, we will be submitting a revised budget for RCN approval. We continue to expect the project to be completed by September 2012. Final products include a presentation at the Northeast Fish & Wildlife Conference, manuscript for publication in scientific journal, and an online publication of results on the NAAMP website.

# **Northeast Regional Conservation Need Grant Quarterly Report**

**Grant Number:** 2010-04

**Grant Title:** Northeast State of the Frogs: Development of Regional Analysis for Frog Call Survey Data from the North American Amphibian Monitoring Program

**Grant Receipt:** Linda Weir

**Grant Contact Name:** Linda Weir

**Report #:** 3

**Were planned goals/objectives achieved last quarter?**

Third quarter goals and objectives were partially achieved.

**Regional Conservation Need Addressed:** Topic 6: Design and Implement Monitoring Protocols, Measures, and Indicators for NE Species of Greatest Conservation Need.

**Progress Achieved: (For each Goal/Objective, list Planned and Actual Accomplishments)**

Goal 1: Develop methodological extensions for trend assessment from NAAMP data.

Goal 2: Assess regional trends for all Northeast frog and toad species with sufficient data.

During the 3<sup>rd</sup> quarter the 2011 field season was completed, while some of the data entry and review process occurred. In addition, tracking of in-kind contributions towards the non-federal match occurred. We had hoped to have data entry and review completed during this quarter.

During the 4<sup>th</sup> quarter, data entry and review will be completed. Final documentation of in-kind match will occur. Data extraction for analysis and model development will begin.

**Summary of Progress: (Provide paragraph describing progress, work to come, and timelines)**

In the third reporting quarter of the grant, we completed the field season, worked on data entry and data review, and assessing in-kind match. State Partners coordinated with volunteers to submit data and partners worked on data entry and review. USGS coordinated with the State Partners regarding the operations of the survey and tracking of the in-kind contribution documentation.

In the fourth quarter we expect to complete data entry, data review, and begin work on data extraction and model development. In 2012 we expect model development to be completed and trend assessments for species to be generated, with presentation of results at the Northeast Fish & Wildlife Conference and preparation of associated manuscript and website.

**Difficulties Encountered:**

The biggest difficulty was a short-fall of expected in-kind match. We expect that the vast majority of in-kind match has now been documented, with a bit more expected early in the 4<sup>th</sup> quarter as State Partners complete data review. Currently we are under by about \$17,000 and expect the final match will be short by about \$15,000. Since we could see during the 3<sup>rd</sup> quarter that numbers were coming in lower than expected, we delayed hiring a post-doc in order to avoid spending before the budget was better documented. A smaller difficulty was not all data entry and review was completed by end of the 3<sup>rd</sup> quarter, but we are on target for completion of these tasks early in the 4<sup>th</sup> quarter.

**Activities Anticipated Next Quarter:**

Next quarter we expect to complete data entry and data review. Also we will begin data extraction and model development. Per communication with WMI staff, we will submit a modified budget for approval by WMI to account for the anticipated short-fall in our in-kind match.

**Expected End Date: September 2012**

**Costs:**

1. **Funds Expended Previous to this Report:** None.
2. **Amount of RCN Funds Requested within this Report:** None.
3. **Total approved Budgeted RCN funds:** \$54,591
4. **Are you within the approved budget plan?** We will be under in the in-kind match, and thus in the amount of RNC dollars permitted. See attached Personal Services Summary pages documenting Grantee and 3<sup>rd</sup> party match.
5. **Are you within approved budget categories?** Yes

Signature:



Date:

11/8/2011