

The North American Amphibian Monitoring Program (NAAMP, website: 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. In the fourth quarter we completed data entry and review. We also completed the in-kind match contributions by volunteers and state partners. The in-kind matching funds documented were lower than we expected, thus reducing the amount of funds the RCN grant will provide to the project. We notified RCN during the fourth quarter and are currently awaiting approval of a revision in our Schedule B budget plans. Thus work on data extraction and model development were delayed and expected to begin in the first quarter of 2012. 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 #: 4

Were planned goals/objectives achieved last quarter?

Fourth 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 4th quarter, data entry and review were completed. Final documentation of in-kind match was completed as well.

In the first quarter of 2012, data extraction for analysis and model development will begin.

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

In the fourth quarter we completed data entry and data review. USGS coordinated with the State Partners regarding the operations of the survey and tracking of the in-kind contribution documentation. Final documentation of the in-kind match was completed in the fourth quarter, showing a shortfall in from the expected in-kind match. A revised Schedule B has been submitted for approval.

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. Based on the numbers coming in during the third quarter, we realized the final numbers were likely to be lower than planned. In the fourth quarter, we finished documentation of the in-kind match, as contributions were associated with the data collection, entry and review process for the 2011 field season data. Final in-kind match is short by about \$12,000. Since we could see during the 3rd quarter that numbers were coming in lower than expected, we delayed tasks related to spending to see what the final budget would be for this project. Now that the final in-kind contributions are known, we have submitted a revised Schedule B for how to accomplish this project.

Activities Anticipated Next Quarter:

Next quarter we expect to begin analyses, by working on data extraction and model development. Per communication with WMI staff, we have submitted 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 3rd party match.
5. **Are you within approved budget categories?** Yes

Signature:



Date:

1/9/2012