

**2008 - 2013 SECURE RURAL SCHOOLS
PUBLIC LAW 112-141
TITLE II PROJECT SUBMISSION FORM
USDA FOREST SERVICE**

Name of RAC: Wrangell-Petersburg
Project Number (Assigned by Designated Federal Official):
Funding Fiscal Year(s): FY16 - FY17

2. Project Name: Stikine Area Amphibian Monitoring	3a. State: Alaska 3b. County(s): Petersburg and Wrangell Boroughs
4. Project Submitted By: Joni Johnson	5. Date: 21 October, 2015
6. Contact Phone Number: 907.772.5926	7. Contact E-mail: jonijohnson@fs.fed.us

8. Project Location:	
a. National Forest(s): Tongass	b. Forest Service District: Wrangell and Petersburg
c. Location (Township-Range-Section): Mallard Slough and Cheliped Bay; Petersburg ballfield muskeg and Blind Sough on Mitkof Island; Wrangell Island golf course	

9. Project Goals and Objectives: 1) Monitoring of amphibian populations in the region; 2) Involvement of local youth in meaningful science as well as getting students outside.

10. Project Description:

a. Brief: (*in one sentence*) Students will collect diversity, population and life stage data for long-term amphibian monitoring project along existing transects, as well as collecting data from two new sites (Blind Slough and Wrangell Island).

b. Detailed: (See attached narrative for more detail.) The Forest Service will collaborate with the Alaska Herpetological Society, Petersburg and Wrangell Boy Scouts and Girl Scouts, Stedman Elementary School, Petersburg High School and Wrangell High School to conduct long-term monitoring of amphibians. This proposal would fund two years' monitoring (FY17 and FY18), continuing and expanding efforts which have lapsed in Petersburg over the past year as well as maintain and expand the monitoring that Wrangell students have been doing. The Alaska Herpetological Society (AHS) began conducting surveys, including the Wrangell Girl Scouts, in 2013. In 2014, AHS included Petersburg High School students in the fall monitoring efforts at the Petersburg ballfield, Mallard Slough and Cheliped Bay (*Community Environmental Education Stewardship through Youth Involvement Grant*). In 2015 the Petersburg Boy Scouts conducted monitoring behind the local ballfield.

- I. Early May, Joni Johnson will conduct a training session and Bioblitz on Wrangell Island at the golf course.
- II. During MayFest in Petersburg, a training session and a Bioblitz will be held to survey for amphibians in the muskeg behind the ballfield along ten established transects. Josh Ream, president of AHS, will be in town and training Scouts and other individuals in species

identification and data collection techniques.

- III. Over Memorial Day Weekend, CamPhibian will occur at Twin Lakes with the Wrangell Girl Scouts and potentially others.
- IV. In late-August to early-September, Wrangell, Kake and Petersburg High School students will overnight at Mallard Slough cabin. Two days will be utilized to sample existing transects in both Mallard Slough and Cheliped Bay with AHS Josh Ream and Seth Perry. Students will provide cabin cleaning/basic maintenance services while staying there.
- V. During the academic calendar year, 5th grade Stedman Elementary students will survey new transects at Blind Slough.
- VI. Students will present monitoring results in Petersburg during the Tongass Rainforest Festival and in Wrangell during the Bear Festival.

Conservation education and environmental stewardship is a large component of this effort. Interestingly, many students do not have the opportunity to explore off-island in the area. Included in this project will be the posting of an interpretive poster at the existing kiosk at Blind Slough to increase awareness of local amphibian diversity and amphibian decline. Additionally, students will present their findings to the community in a public presentation.

11. Types of Lands Involved?

State/Private/Other lands involved? Yes No

Land Status: Private

If Yes, specify: Borough of Petersburg; Muskeg Meadows Golf Course on Wrangell Island

12. How does the proposed project meet purposes of the Legislation? (Check at least 1)

Improves maintenance of existing infrastructure.

Implements stewardship objectives that enhance forest ecosystems.

Restores and improves land health.

Restores water quality

13. Project Type

a. Check all that apply: (check at least 1)

<input type="checkbox"/> Road Maintenance	<input type="checkbox"/> Trail Maintenance
<input type="checkbox"/> Road Decommission/Obliteration	<input type="checkbox"/> Trail Obliteration
<input type="checkbox"/> Other Infrastructure Maintenance (specify):	
<input type="checkbox"/> Soil Productivity Improvement	<input type="checkbox"/> Forest Health Improvement
<input type="checkbox"/> Watershed Restoration & Maintenance	<input type="checkbox"/> Wildlife Habitat Restoration
<input type="checkbox"/> Fish Habitat Restoration	<input type="checkbox"/> Control of Noxious Weeds
<input type="checkbox"/> Reestablish Native Species	<input type="checkbox"/> Fuels Management/Fire Prevention
<input type="checkbox"/> Implement CWPP Project	<input checked="" type="checkbox"/> Other Project Type (specify): Education and Monitoring

b. Primary Purpose (select only 1): Conservation education and amphibian monitoring

14. Identify What the Project Will Accomplish
Miles of road maintained:
Miles of road decommissioned/obliterated:
Number of structures maintained/improved:
Acres of soil productivity improved:
Miles of stream/river restored/improved:
Miles of fish habitat restored/improved:
Acres of native species reestablished:
Acres of hazardous fuel treatment
Miles of trail maintained:
Miles of trail obliterated:
Acres of forest health improved (including fuels reduction):
Acres of rangeland improved:
Acres of wildlife habitat restored/improved:
Acres of noxious weeds controlled:
Timber volume generated (mbf):
Jobs generated in full time equivalents (FTE) to nearest tenth. One FTE is 52 forty hour weeks: 0.04
People reached (for environmental education projects/fire prevention): 50+
Direct economic activity benefit:
Other: Twenty transects surveyed at four different locations: 10 at the Petersburg ballfield; 5 at Mallard Slough; 4 in Cheliped Bay; the Twin Lakes site, and a yet to be determined number at Blind Slough and on Wrangell Island

15. Estimated Project Start Date: 5/2017	16. Estimated Project Completion Date: 10/2018
---	---

17. List known partnerships or collaborative opportunities.

The Alaska Herpetological Society, Petersburg High School, Wrangell High School, Kake High School, Stedman Elementary School, and local scout troops.

18. Identify benefits to communities.

This project has the ability to offer long-term benefits to students, the communities of Petersburg and Wrangell, researchers and resource managers. It will inspire students to be actively engaged in understanding local resources and expose them to possible career fields in the natural sciences. Students will help researchers to better understand local environmental concerns, both documenting the validity of these concerns and communicating the findings. This information could lead to active

management by state and federal agencies and impact city planning activities. The herpetological inventory will enhance datasets available to the Stikine Long-Term Amphibian Monitoring Project (SLAMP), and it will expand herpetological knowledge in the region.

19. How does the project benefit federal lands/resources?

The monitoring provides a better understanding of what is occurring with the local amphibian populations, which could in turn inform management at the local, state and federal levels.

20. What is the Proposed Method(s) of Accomplishment? (check at least 1)	
<input type="checkbox"/> Contract	<input checked="" type="checkbox"/> Federal Workforce
<input type="checkbox"/> County Workforce	<input checked="" type="checkbox"/> Volunteers
<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Agreement
<input type="checkbox"/> Americorps	<input type="checkbox"/> YCC/CCC Crews
<input type="checkbox"/> Job Corps	<input type="checkbox"/> Stewardship Contract
<input type="checkbox"/> Merchantable Timber Pilot	<input type="checkbox"/> Other (specify):

21. Will the Project Generate Merchantable Timber? Yes No

22. Anticipated Project Costs
a. Title II Funds Requested: \$8,536.00
b. Is this a multi-year funding request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

23. Identify Source(s) of Other Funding: In-kind funding in teacher salaries, volunteer time, materials already purchased by the AHS and stored at the Petersburg High School and with Corree Delabrué at the Wrangell Ranger District. The Forest Service will contribute in-kind services with the cabin rental and boat transportation.

24. Monitoring Plan (provide as attachment): The monitoring of amphibians follows a set protocol with the Alaska Herpetological Society. An article will be written for the newsletter that summarizes the number of participants, the different groups involved, and the results of the monitoring. Student feedback will be obtained through a simple questionnaire aimed at improving the program from the students’ perspective. There will be no cost associated with the monitoring.

25. Identify remedies for failure to comply with the terms of the agreement.

If project cannot be completed under the terms of this agreement:

- Unused funds will be returned to the RAC account.
- Other, please explain:

Project Recommended By:

/s/ (INSERT Signature)

Chairperson

Resource Advisory Committee

Project Approved By:

/s/ (INSERT Signature)

Forest Supervisor

National Forest

Project Cost Analysis Worksheet

Worksheet 1

Please submit this worksheet with your proposal

Item	Column A Fed. Agency Appropriated Contribution	Column B Requested Title II Contribution	Column C Other Contributions	Column D Total Available Funds
a. Field Work & Site Surveys				
b. NEPA/CEQA				
c. ESA Consultation				
d. Permit Acquisition				
e. Project Design & Engineering				
f. Contract/Grant Preparation		\$360.00		\$360.00
g. Contract/Grant Administration		\$360.00		\$360.00
h. Contract/Grant Cost				
i. Salaries		\$3,840.00	\$2,500.00	\$4,900.00
j. Materials & Supplies		\$400.00	\$150.00	\$550.00
k. Monitoring				
l. Other	\$384.00	\$4,116.00		\$2,384.00
2. Partner Indirect Cost				
m. Project Sub-Total				
n. FS Indirect Costs		\$442.00		\$442
Total Cost Estimate	\$384.00	\$9,518.00	\$2,650.00	\$8,996.00

NOTES:

- a. Pre-NEPA Costs
- g. Includes Contracting/Grant Officer Representative (COR) costs. Excludes Contracting/Grant Officer costs.
- i. Cost of implementing project
- l. Examples include overhead charges from other partners, vehicles, equipment rentals, travel, etc.
- n. Forest Service indirect costs, including contracting/grant officer costs if needed.