



New Hampshire Fish and Game Department

HEADQUARTERS: 11 Hazen Drive, Concord, NH 03301-6500
(603) 271-3421
FAX (603) 271-1438

www.WildNH.com
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TDD Access: Relay NH 1-800-735-2964

November 27, 2018

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

1. Authorize the New Hampshire Fish and Game Department (NHFGD) to accept and expend thirty-five thousand in federal funds from the US Fish and Wildlife Service for the purpose of culturing and stocking anadromous Rainbow Smelt in an effort to restore declining population numbers in Great Bay Estuary from date of Governor and Council approval through December 31, 2019.

Funds to be budgeted as follows:

020-07500-22880000 MARINE RESOURCES PROGRAM Marine Fisheries Management – FY 2019

<u>Class</u>		<u>Current Budget</u>	<u>Change</u>	<u>Revised Budget</u>
010-500100	PERSONAL SERVICES-PERMANANT	\$602,342		\$602,342
020-500200	CURRENT EXPENSES	45,000		45,000
022-500255	RENTS LEASES	1,500		1,500
026-500291	ORGANIZATIONAL DUES	29,000		29,000
030-500311	EQUIPMENT NEW/REPLACEMENT	14,000		14,000
041-500801	AUDIT FUND SET ASIDE	457		457
050-500109	PERSONAL SERVICE-TEMP	112,854		112,854
060-500601	BENEFITS	341,691		341,691
070-500704	IN-STATE TRAVEL	1,500		1,500
072-500572	GRANTS-FEDERAL	25,568	35,000	60,568
080-500710	OUT-OF STATE TRAVEL	4,000		4,000
103-502664	CONTRACTS FOR OPER. SERV.	9,000		9,000
	Total Expense	\$1,186,912	\$35,000	\$1,221,912

Source of Funds

000-403747	Federal Funds	\$466,500	\$35,000	\$501,500
006-402939	Agency Income	97,089	0	97,089
	Fish and Game Funds	623,323	0	623,323
	Total Revenues	\$1,186,912	\$35,000	\$1,221,912

REGION 1

629B Main Street
Lancaster, NH 03584-3612
(603) 788-3164
FAX (603) 788-4823
email: reg1@wildlife.nh.gov

REGION 2

PO Box 417
New Hampton, NH 03256
(603) 744-5470
FAX (603) 744-6302
email: reg2@wildlife.nh.gov

REGION 3

225 Main Street
Durham, NH 03824-4732
(603) 868-1095
FAX (603) 868-3305
email: reg3@wildlife.nh.gov

REGION 4

15 Ash Brook Court
Keene, NH 03431
(603) 352-9669
FAX (603) 352-8798
email: reg4@wildlife.nh.gov

2. Authorize the New Hampshire Fish and Game Department (NHFGD) to enter into a Sole Source Cooperative Project Agreement (CPA) Amendment with the University of New Hampshire UNH (vendor code 177867) approved by Governor and Council April 19, 2017, item #45, by extending the end date from December 31, 2018 to December 31, 2019 to raise Rainbow Smelt at the UNH Aquaculture Research Center from date of Governor and Council approval through December 31, 2019. 100% Federal Funds.

Funding is available for this service and will be expended as follows;

03 75 75 753020-2288-Marine Resources Program-Marine Fisheries Management

		<u>FY 2019</u>
20-07500-22880000-072-500570	Grants-Federal	\$35,000

EXPLANATION

This is a request to accept grant funds from the US Fish and Wildlife Service in the amount of thirty-five thousand (\$35,000) that have been secured by the New Hampshire Fish and Game Department's Marine Division. The funds will be used to enter into an amended cooperative project agreement with the University of New Hampshire (UNH) to culture and stock larval Rainbow Smelt *Osmerus mordax* into Great Bay Estuary in efforts to restore declining population numbers in recent years. Adult anadromous Rainbow Smelt will be spawned at the UNH Aquaculture Research Center and released into tributaries of Great Bay Estuary shortly after hatching. Researchers at UNH have previously documented and established the protocols for rearing larval smelt in hatchery conditions and will inspect recaptured fish to determine stock enhancements contribution to future population levels. UNH is providing the required 25% funding match for the federal grant.

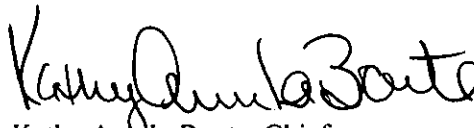
The original request, approved by Governor and Council April 19, 2017, was a two year agreement, for fiscal years 2017 and 2018. The project was late in starting and funding for fiscal year 2018 was not encumbered under this original agreement. The time extension request will encumber the funds and allow UNH sufficient time required to complete the project.

General Funds will not be requested to support this project.

Respectfully submitted,



Glenn Normandeau
Executive Director



Kathy Ann LaBonte, Chief
Business Division

**AMENDMENT #01 to
COOPERATIVE PROJECT AGREEMENT
between the
STATE OF NEW HAMPSHIRE, FISH AND GAME
and the**

University of New Hampshire of the UNIVERSITY SYSTEM OF NEW HAMPSHIRE

The Cooperative Project Agreement, approved by the State of New Hampshire Governor and Executive Council on 4/19/17, item # 45, for the Project titled "Stock Enhancement of the NH Rainbow Smelt Resource," Campus Project Director, David Berlinsky, is and all subsequent properly approved amendments are hereby modified by mutual consent of both parties for the reason(s) described below:

Purpose of Amendment (Choose all applicable items):

- Extend the Project Agreement and Project Period end date, at no additional cost to the State.
- Provide additional funding from the State for expansion of the Scope of Work under the Cooperative Project Agreement.
- Other:

Therefore, the Cooperative Project Agreement is and/or its subsequent properly approved amendments are amended as follows (Complete only the applicable items):

- Article A. is revised to replace the State Department name of _____ with _____ and/or USNH campus from _____ to _____
- Article B. is revised to replace the Project End Date of 12/31/18 with the revised Project End Date of 12/31/19, and Exhibit A, article B is revised to replace the Project Period of 03/01/17 – 12/31/18 with 03/01/17 – 12/31/19.
- Article C. is amended to expand Exhibit A by including the proposal titled, " _____," dated _____
- Article D. is amended to change the State Project Administrator to _____ and/or the Campus Project Administrator to _____
- Article E. is amended to change the State Project Director to _____ and/or the Campus Project Director to _____
- Article F. is amended to add funds in the amount of \$ _____ and will read:

Total State funds in the amount of \$ _____ have been allotted and are available for payment of allowable costs incurred under this Project Agreement. State will not reimburse Campus for costs exceeding the amount specified in this paragraph.
- Article F. is amended to change the cost share requirement and will read:

Campus will cost-share _____ % of total costs during the amended term of this Project Agreement.
- Article F. is amended to change the source of Federal funds paid to Campus and will read:

Federal funds paid to Campus under this Project Agreement as amended are from Grant/Contract/Cooperative Agreement No. _____ from _____ under CFDA# _____. Federal regulations required to be passed through to Campus as part of this Project Agreement, and in accordance with the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, are attached

to this document as revised Exhibit B, the content of which is incorporated herein as a part of this Project Agreement.

- Article G. is exercised to amend Article(s) of the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, as follows:

Article is amended in its entirety to read as follows:
Article is amended in its entirety to read as follows:

- Article H. is amended such that:
 - State has chosen **not to take** possession of equipment purchased under this Project Agreement.
 - State has chosen **to take** possession of equipment purchased under this Project Agreement and will issue instructions for the disposition of such equipment within 90 days of the Project Agreement's end-date. Any expenses incurred by Campus in carrying out State's requested disposition will be fully reimbursed by State.
- Exhibit A is amended as attached.
- Exhibit B is amended as attached.

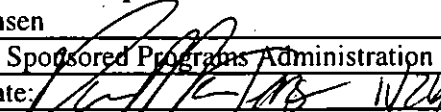
All other terms and conditions of the Cooperative Project Agreement remain unchanged.

This Amendment, all previous Amendments, the Cooperative Project Agreement, and the Master Agreement constitute the entire agreement between State and Campus regarding the Cooperative Project Agreement, and supersede and replace any previously existing arrangements, oral and written; further changes herein must be made by written amendment and executed for the parties by their authorized officials.

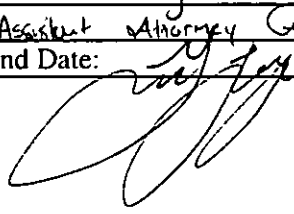
This Amendment and all obligations of the parties hereunder shall become effective on the date the Governor and Executive Council of the State of New Hampshire or other authorized officials approve this Amendment to the Cooperative Project Agreement.

IN WITNESS WHEREOF, the following parties agree to this Amendment #01 to the Cooperative Project Agreement.


By An Authorized Official of:
University of New Hampshire

Name: Karen Jensen
Title: Manager, Sponsored Programs Administration
Signature and Date:  11/26/18

By An Authorized Official of: the New
Hampshire Office of the Attorney General

Name: Gordon Landrigan
Title: Assistant Attorney General
Signature and Date:  12/10/18

By An Authorized Official of:
NH Department of Fish and Game

Name: Glenn Normandeau
Title: Executive Director
Signature and Date:  11/27/2018

By An Authorized Official of: the New
Hampshire Governor & Executive Council

Name:
Title:
Signature and Date:

EXHIBIT A

- A. Project Title:**
- B. Project Period:** March 31, 2017 - December 31, 2019
- C. Objectives:**
- D. Scope of Work:**
- E. Deliverables Schedule:** Fieldwork will be conducted March 1, 2017 - December 31, 2019. Annual progress reports shall be due by December 31. The last annual progress report shall contain an overall final report for the project.
- F. Budget and Invoicing Instructions:**

**NEW HAMPSHIRE FISH & GAME DEPARTMENT
FY19 FISCAL SITUATION**

**MARINE FISHERIES MANAGEMENT
03 75 75 753020-22880000**

Total Federal Authorization	\$ 2,366,041.00
Less Current FY19 Budget Authorization 2288	\$ 466,500.00
Less Budgeted FY19 Indirect	\$ 80,000.00
Less Prior Fiscal Years Grant Expenditures	\$ 1,519,241.00
Total Available for Budgeting	<u>\$ 300,300.00</u>

Available to Budget at Later Date	\$ 265,300.00
REQUESTED ACTION	<u>\$ 35,000.00</u>

Federal Grant	Grant Amount	Expended/Budgeted	Balance
NA15NMF4070135	\$ 53,295.00	\$ 53,295.00	\$ -
NA16NMF4740001	\$ 417,496.00	\$ 417,496.00	\$ -
F-61-R-21	\$ 1,378,500.00	\$ 1,378,500.00	\$ -
F-61-R-22	\$ 516,750.00	\$ 216,450.00	\$ 300,300.00
Totals:	<u>\$ 2,366,041.00</u>	<u>\$ 2,065,741.00</u>	<u>\$ 300,300.00</u>

Note: The Department's Indirect Cost Negotiation Agreement allows indirect costs on salaries and benefits only. These additional funds are for contractual or other expenses only.



New Hampshire Fish and Game Department

HEADQUARTERS: 11 Hazen Drive, Concord, NH 03301-6500
 (603) 271-3421
 FAX (603) 271-1438

Governor & Council Approved

Date: 4/19/17
 Item #: 45

www.WildNH.com
 e-mail: info@wildlife.nh.gov
 TDD Access: Relay NH 1-800-735-2964

March 17, 2017

His Excellency, Governor Christopher T. Sununu
 and the Honorable Council
 State House
 Concord, New Hampshire 03301

PL# 6005033

REQUESTED ACTION

1. Authorize the New Hampshire Fish and Game Department (NHFGD) to accept and expend thirty-four thousand and five hundred dollars (\$34,500) in federal funds from the US Fish and Wildlife Service for the purpose of culturing and stocking anadromous Rainbow Smelt in an effort to restore declining population numbers in Great Bay Estuary from date of Governor and Council approval through June 30, 2017.

Funds to be budgeted as follows:

020-07500-22880000 MARINE RESOURCES PROGRAM Marine Fisheries Management – FY 2017

<u>Class</u>	<u>Current Budget</u>	<u>Change</u>	<u>Revised Budget</u>
010-500100 PERSONAL SERVICES-PERMANANT	\$562,117		\$562,117
020-500200 CURRENT EXPENSES	45,406		45,406
022-500255 RENTS LEASES	1,609		1,609
026-500291 ORGANIZATIONAL DUES	28,000		28,000
030-500311 EQUIPMENT NEW/REPLACEMENT	14,000		14,000
041-500801 AUDIT FUND SET ASIDE	518		518
050-500109 PERSONAL SERVICE-TEMP	123,732		123,732
060-500601 BENEFITS	303,104		303,104
070-500704 IN-STATE TRAVEL	1,500		1,500
072-500572 GRANTS-FEDERAL	18,540	34,500	53,040
080-500710 OUT-OF STATE TRAVEL	4,000		4,000
102-500731 CONTRACTS FOR PROGRAM SERV.	100		100
103-502664 CONTRACTS FOR OPER. SERV.	14,000		14,000
Total Expense	\$1,116,626	\$34,500	\$1,151,126

Source of Funds

000-403747 Federal Funds	\$512,330	\$34,500	\$546,830
006-403196 Agency Income	447	0	447
009-407087 Reimbursement-Survey Services	67,077	0	67,077
Fish and Game Funds	536,772	0	536,772
Total Revenue	\$1,116,626	\$34,500	\$1,151,126

REGION 1

629B Main Street
 Lancaster, NH 03584-3612
 (603) 788-3164
 FAX (603) 788-4823
 email: reg1@wildlife.nh.gov

REGION 2

PO Box 417
 New Hampton, NH 03256
 (603) 744-5470
 FAX (603) 744-6302
 email: reg2@wildlife.nh.gov

REGION 3

225 Main Street
 Durham, NH 03824-4732
 (603) 868-1095
 FAX (603) 868-3305
 email: reg3@wildlife.nh.gov

REGION 4

15 Ash Brook Court
 Keene, NH 03431
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 FAX (603) 352-8798
 email: reg4@wildlife.nh.gov

His Excellency, Governor Christopher T. Sununu
and the Honorable Council

March 17, 2017

Page 2 of 2

- 2. Authorize the New Hampshire Fish and Game Department (NHFGD) to enter into a Sole Source Cooperative Project Agreement with the University of New Hampshire UNH (vendor code 177867) in the amount of \$69,500, to assist with the program by raising the Rainbow Smelt at the UNH Aquaculture Research Center from date of Governor and Council approval through December 31, 2018. 100% Federal Funds.

Funding is available for this service and will be expended as follows; contingent upon availability and continued appropriations for State Fiscal Year 2017 and 2018 with the authority to adjust encumbrances through the budget office is justified.

03 75 75 753020-2288-Marine Resources Program-Marine Fisheries Management

		<u>FY 2017</u>	<u>FY 2018*</u>
20-07500-22880000-072-500570	Grants-Federal	\$34,500	\$35,000

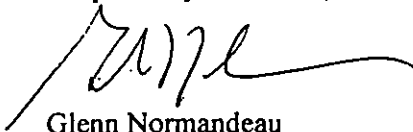
*Pending Budget approval

EXPLANATION

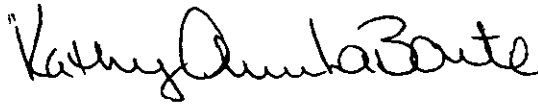
This is a request to accept grant funds from the US Fish and Wildlife Service in the amount of thirty-four thousand and five hundred dollars (\$34,500) that have been secured by the New Hampshire Fish and Game Department's Marine Division. The funds will be used to enter into a cooperative project agreement with the University of New Hampshire (UNH) to culture and stock larval Rainbow Smelt *Osmerus mordax* into Great Bay Estuary in efforts to restore declining population numbers in recent years. Adult anadromous Rainbow Smelt will be spawned at the UNH Aquaculture Research Center and released into tributaries of Great Bay Estuary shortly after hatching. Researchers at UNH have previously documented and established the protocols for rearing larval smelt in hatchery conditions and will inspect recaptured fish to determine stock enhancements contribution to future population levels. UNH is providing the required 25% funding match for the federal grant.

General Funds will not be requested to support this project.

Respectfully submitted,



Glenn Normandeau
Executive Director



Kathy Ann LaBonte, Chief
Business Division

COOPERATIVE PROJECT AGREEMENT

between the

STATE OF NEW HAMPSHIRE, Fish and Game Department

and the

University of New Hampshire of the UNIVERSITY SYSTEM OF NEW HAMPSHIRE

- A. This Cooperative Project Agreement (hereinafter "Project Agreement") is entered into by the State of New Hampshire, **Fish and Game Department**, (hereinafter "State"), and the University System of New Hampshire, acting through **University of New Hampshire**, (hereinafter "Campus"), for the purpose of undertaking a project of mutual interest. This Cooperative Project shall be carried out under the terms and conditions of the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, except as may be modified herein.
- B. This Project Agreement and all obligations of the parties hereunder shall become effective on the date the Governor and Executive Council of the State of New Hampshire approve this Project Agreement ("Effective date") and shall end on **12/31/18**. If the provision of services by Campus precedes the Effective date, all services performed by Campus shall be performed at the sole risk of Campus and in the event that this Project Agreement does not become effective, State shall be under no obligation to pay Campus for costs incurred or services performed; however, if this Project Agreement becomes effective, all costs incurred prior to the Effective date that would otherwise be allowable shall be paid under the terms of this Project Agreement.
- C. The work to be performed under the terms of this Project Agreement is described in the proposal identified below and attached to this document as Exhibit A, the content of which is incorporated herein as a part of this Project Agreement.

Project Title: **Stock Enhancement of the New Hampshire Rainbow Smelt Resource**

- D. The Following Individuals are designated as Project Administrators. These Project Administrators shall be responsible for the business aspects of this Project Agreement and all invoices, payments, project amendments and related correspondence shall be directed to the individuals so designated.

State Project Administrator

Name: Kathy LaBonte
 Address: NH Fish and Game Department
11 Hazen Dr.
Concord, NH 03301

Phone: 271.2741

Campus Project Administrator

Name: Dianne Hall
 Address: UNH Sponsored Projects Administration
51 College Rd.
Durham, NH 03824

Phone: 862.1942

- E. The Following Individuals are designated as Project Directors. These Project Directors shall be responsible for the technical leadership and conduct of the project. All progress reports, completion reports and related correspondence shall be directed to the individuals so designated.

State Project Director

Name: Kevin Sullivan
 Address: NH Fish and Game Department
225 Main St
Durham, NH 03824

Phone: 868.1095

Campus Project Director

Name: David Berlinsky
 Address: UNH Dept of Biological Sciences
38 Academic Way
Durham, NH 03824

Phone: 862.0007

F. Total State funds in the amount of \$69,500 have been allotted and are available for payment of allowable costs incurred under this Project Agreement. State will not reimburse Campus for costs exceeding the amount specified in this paragraph.

Check if applicable

Campus will cost-share 25 % of total costs during the term of this Project Agreement.

Federal funds paid to Campus under this Project Agreement are from Grant/Contract/Cooperative Agreement No. F-61-R from US Fish and Wildlife Service under CFDA# 15.605. Federal regulations required to be passed through to Campus as part of this Project Agreement, and in accordance with the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002, are attached to this document as Exhibit B, the content of which is incorporated herein as a part of this Project Agreement.

G. Check if applicable

Article(s) _____ of the Master Agreement for Cooperative Projects between the State of New Hampshire and the University System of New Hampshire dated November 13, 2002 is/are hereby amended to read:

H. State has chosen **not to take** possession of equipment purchased under this Project Agreement.
 State has chosen **to take** possession of equipment purchased under this Project Agreement and will issue instructions for the disposition of such equipment within 90 days of the Project Agreement's end-date. Any expenses incurred by Campus in carrying out State's requested disposition will be fully reimbursed by State.

This Project Agreement and the Master Agreement constitute the entire agreement between State and Campus regarding this Cooperative Project, and supersede and replace any previously existing arrangements, oral or written; all changes herein must be made by written amendment and executed for the parties by their authorized officials.

IN WITNESS WHEREOF, the University System of New Hampshire, acting through the University of New Hampshire and the State of New Hampshire, Fish and Game Department have executed this Project Agreement.

By An Authorized Official of:

University of New Hampshire

Name: Karen M. Jensen

Title: Manager of Sponsored Research

Signature and Date:

 2/28/17

By An Authorized Official of: the New Hampshire Office of the Attorney General

Name:

Title:

Signature and Date:


By An Authorized Official of:

NH Fish and Game Department

Name: Glenn Normandeau

Title: Executive Director

Signature and Date:

 3/20/2017

By An Authorized Official of: the New Hampshire Governor & Executive Council

Name:

Title:

Signature and Date:

EXHIBIT A

A. **Project Title:** Stock Enhancement of the New Hampshire Rainbow Smelt Resource

B. **Project Period:** March 1, 2017 - December 31, 2018

C. **Objectives:** This study has 3 major objectives relative to Rainbow Smelt:

1. Grow out at least 500,000 Rainbow Smelt larvae annually from wild-caught broodstock and raise until approximately 3 days-post-hatch.
2. Release the hatchery-reared Rainbow Smelt Larvae into tributary rivers of the Great Bay Estuary.
3. Examine samples of Rainbow Smelt recaptured in existing NHFG monitoring programs for the presence of oxytetracycline marked otoliths to produce an estimate of population enhancement resulting from stocking.

D. **Scope of Work:**

Objective 1 - Adult female Rainbow Smelt will be obtained by NHFG biologists during the conduct of existing resource monitoring projects (e.g., smelt spawning survey, juvenile finfish seine survey) and retained for use as broodstock by UNH. Broodstock will be kept at UNH Aquaculture Research Center for spawning and larval rearing activities. Anadromous, gravid smelt (n = 200-300) will be collected annually by fyke nets from tidal New Hampshire Rivers during their spawning migrations and transported in aerated freshwater to the University of New Hampshire's Aquaculture Research Center (ARC). Previous studies have shown that there is no genetic distinction among smelt returning to rivers in southern Maine and NH and therefore, if necessary to obtain sufficient numbers of broodstock, additional fish may be collected from Maine (Kovach et al. 2013). A health screening will be conducted on a subset of the broodstock for pathogens that have been detected in smelt (*Glugea hertwigi* and *Aquarevirus*). The broodstock fish will be strip-spawned, without hormone induction, using methods previously established at the University of New Hampshire (Ayer et al. 2005). Milt will be collected by abdominal massage into plastic transfer pipettes, pooled from 10-12 fish and held on ice in glass beakers prior to spawning. Sperm motility will be confirmed by microscopic examination. Eggs will be stripped into a polystyrene plastic dish using slight abdominal pressure and fecundity calculated by determining the mass of the eggs and the mean number of eggs in three 1 g aliquots using a dissecting microscope. The eggs from each spawn will be fertilized with 200 mL of pooled milt and activated with 25 mL of non-chlorinated freshwater (NCFW). The gametes will be gently swirled for 3 min, poured slowly into a tannic acid solution (for de-adhesion; 150 ppm) and then swirled for an additional 10 min. The fertilized eggs will be pooled, sieved, disinfected, rinsed with NCFW and incubated in MacDonald hatching jars with NCFW and supplemental aeration at 10 °C. Fertilization success from all spawns will be verified with a dissecting microscope by examining 100 embryos for the presence or absence of cleavage 24 h post-fertilization.

Objective 2 – Hatched larvae will be enumerated, oxytetracycline-marked and released 48 -72 hours post-hatch. Upon reaching approximately 3 days-post-hatch, UNH will coordinate with NHFG

biologists the dates, times, and locations of release of the larvae. These activities may occur simultaneously with existing NHFG resource monitoring projects, or independently by UNH.

Objective 3 – Subsamples of Rainbow Smelt captured by NHFG biologists during existing resource monitoring activities will be retained for examination by UNH in the years following the initial release of hatchery-reared larvae. During examination, UNH will remove the otoliths from recaptured individuals and examine them under a microscope with a variable wavelength light to detect the presence of oxytetracycline marked fish. The proportion of fish subsample exhibiting oxytetracycline marked otoliths can be used as a measure of the success of stocking Rainbow Smelt as a method of population enhancement.

E. **Deliverables Schedule:** This project will be initiated March 1, 2017. Fieldwork will be conducted March 2017-December 31, 2018. Annual progress reports in a format acceptable to NHFG will be provided and shall be due by December 31, 2017 and December 31, 2018. The last annual progress report shall include an overall final report for the project.

F. **Budget and Invoicing Instructions:**

Campus will submit invoices to State on regular Campus invoice forms no more frequently than monthly and no less frequently than quarterly. Invoices will be based on actual project expenses incurred during the invoicing period, and shall show current and cumulative expenses by major cost categories. Invoices shall also document cost share recorded during the period, as well as cumulative cost sharing through the end of the invoicing period. State will pay Campus within 30 days of receipt of each invoice. Campus will submit its final invoice not later than 60 days after the Project Period end date. Final payment is contingent upon receipt and approval of the final report.

Budget Items	State Funding	Cost Sharing	Total
1. Salaries & Wages	26,620	5,872	32,492
2. Employee Fringe Benefits	2,210	2,342	4,552
3. Travel	4,000	0	4,000
4. Supplies and Services	20,631	0	20,631
5. Equipment	0	0	0
6. Facilities & Admin Costs	16,039	4,127	20,166
7. Unrecovered F&A (20%)	0	10,827	10,827
Subtotals	69,500	23,168	92,668
Total Project Costs:			92,668

G. Campus agrees to acknowledge the NH Fish and Game and US Fish and Wildlife Service and CFDA# 15.605 as the source of funding, and cite the applicable federal grant number in any publications or presentations that utilize the data resulting from this Project Agreement.

EXHIBIT B

This Project Agreement is funded under a Grant/Contract/Cooperative Agreement to State from the Federal sponsor specified in Project Agreement article F. All applicable requirements, regulations, provisions, terms and conditions of this Federal Grant/Contract/Cooperative Agreement are hereby adopted in full force and effect to the relationship between State and Campus, except that wherever such requirements, regulations, provisions and terms and conditions differ for INSTITUTIONS OF HIGHER EDUCATION, the appropriate requirements should be substituted (e.g., OMB Circulars A-21 and A-110, rather than OMB Circulars A-87 and A-102). References to Contractor or Recipient in the Federal language will be taken to mean Campus; references to the Government or Federal Awarding Agency will be taken to mean Government/Federal Awarding Agency or State or both, as appropriate.

Special Federal provisions are listed here: None or



New Hampshire Fish and Game Department

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TDD Access: Relay NH 1-800-735-2964

February 28, 2017

Colleen Sculley
Division of Wildlife and Sport Fish Restoration
U.S. Fish and Wildlife Service
300 Westgate Center Drive
Hadley, MA 01035-9589

Re: Revision #2 to Federal Assistance Grant F16AF00163 (NH F-61-R-21)

Dear Colleen:

Attached is an Application for Federal Assistance package to add a new Job to our NH F-61-R grant (New Hampshire's Marine Fisheries Investigations). We are requesting approval to add Job 5, titled "Stock Enhancement of the New Hampshire Rainbow Smelt Resource," under Project I for a two year period and have included the applicable compliance documentation. This would cover the new activities for the remainder of the current five year project compliance period (2014-2018). The revised SF424 is to increase the current F16AF00163 grant costs by the estimated amount needed in the first year of this new work.

The new job will be conducted through a Cooperative Project Agreement with the University of New Hampshire. The University has related experience and expertise, a local facility in which to spawn and hatch smelt larvae, and they have agreed to provide non-federal cost share as match for federal funds. Therefore, we are also requesting approval to include unrecovered University F&A costs (2 CFR 200.306) as a component of the non-federal share of grant costs.

We have also attached documentation with this revision to update the value of volunteer services under the grant. With multi-year grants we typically update the calculated rate on an annual basis and this updated rate will be used for volunteer hours earned in 2017.

Upon approval of this revision, please obligate an additional **\$34,500** in federal funds from New Hampshire's available balance of marine Sport Fish Restoration funds in sub-account 9512.

Sincerely,

Randy L. Curtis
Federal Aid Administrator

Attachments

cc: Kathy LaBonte, Business Administrator
Doug Grout, Marine Division Chief

REGION 1

629B Main Street
Lancaster, NH 03584-3612
(603) 788-3164
FAX (603) 788-4823
email: reg1@wildlife.nh.gov

REGION 2

PO Box 417
New Hampton, NH 03256
(603) 744-5470
FAX (603) 744-6302
email: reg2@wildlife.nh.gov

REGION 3

225 Main Street
Durham, NH 03824-4732
(603) 868-1095
FAX (603) 868-3305
email: reg3@wildlife.nh.gov

REGION 4

15 Ash Brook Court
Keene, NH 03431
(603) 352-9669
FAX (603) 352-8798
email: reg4@wildlife.nh.gov

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="34,500.00"/>
* b. Applicant	<input type="text"/>
* c. State	<input type="text" value="11,500.00"/>
* d. Local	<input type="text"/>
* e. Other	<input type="text"/>
* f. Program Income	<input type="text"/>
* g. TOTAL	<input type="text" value="46,000.00"/>

* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation in attachment.)

- Yes
 - No
- If "Yes", provide explanation and attach.

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 216, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

Application for Federal Assistance SF-424

* 1. Type of Submission:

- Preapplication
- Application
- Changed/Corrected Application

* 2. Type of Application:

- New
- Continuation
- Revision

* If Revision, select appropriate letter(s):

- A - Increase Award
- Other (Specify)
Add Project | Job 5 - Rainbow Smolt Stocking

* 3. Date Received:

[Empty field]

4. Applicant Identifier:

NH F-81-R-21 Rev 2

5a. Federal Entity Identifier:

[Empty field]

* 5b. Federal Award Identifier:

F16AF00163

State Use Only:

6. Date Received by State:

[Empty field]

7. State Application Identifier:

[Empty field]

8. APPLICANT INFORMATION:

* a. Legal Name:

State of New Hampshire

* b. Employer/Taxpayer Identification Number (EIN/TIN):

028000818

* c. Organizational DUNS:

80-859-0863

d. Address:

* Street1:

11 Hazen Drive

Street2:

[Empty field]

* City:

Concord

County:

[Empty field]

* State:

New Hampshire

Province:

[Empty field]

* Country:

USA

* Zip / Postal Code:

03301-8500

e. Organizational Unit:

Department Name:

Fish and Game Department

Division Name:

Marine Division

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

Randy

Middle Name:

L

* Last Name:

Curtis

Suffix:

[Empty field]

Title:

Federal Aid Administrator

Organizational Affiliation:

New Hampshire Fish and Game Department

* Telephone Number:

(603) 271-3511

Fax Number:

(603) 271-5829

* Email:

randy.curtis@wildlife.nh.gov

Application for Federal Assistance SF-424

9. Type of Applicant 1: Select Applicant Type:

A. State

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

U.S. Department of Interior, Fish and Wildlife Service

11. Catalog of Federal Domestic Assistance Number:

15808

CFDA Title:

Sport Fish Restoration Program

*** 12. Funding Opportunity Number:**

* Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Coastal NH - Strafford and Rockingham Counties

*** 15. Descriptive Title of Applicant's Project:**

New Hampshire's Marine Fisheries Investigations

Attach supporting documents as specified in agency instructions.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

300 Westgate Center Drive
Hadley, MA 01035-9589



In Reply Refer To:
FWS/Region 5/WSFR

MAR 09 2017

WSFR - New Hampshire
F16AF00163

Glenn Normandeau, Executive Director
Fish and Game Department
11 Hazen Drive
Concord, New Hampshire 03301

Dear Mr. Normandeau:

This letter constitutes approval of Revision 2 to Application for Federal Assistance (AFA) F16AF00163 titled, "NH F-61-R-21 New Hampshire's Marine Fisheries Investigations," to change the scope of work and to increase the total amount of the grant by \$34,500.00, effective February 01, 2017. The revised total amount is now \$1,238,000.00, of which the Federal share is \$928,500.00. The performance period for this award is January 04, 2016 through December 31, 2017.

Terms of Acceptance:

Acceptance of a financial assistance award (i.e., grant or cooperative agreement) from the Service carries with it the responsibility to be aware of and comply with the terms and conditions applicable to the award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to and approved by the Service. Awards are subject to the terms and conditions incorporated into the notice of award either by direct citation or by reference to the following: Federal regulations; program legislation or regulation; and special award terms and conditions. The terms and conditions of Service awards flow down to subrecipients and contractors, unless a particular award term or condition specifically indicates otherwise. The Federal regulations applicable to Service recipients and their subrecipients and contractors are listed by recipient type in the **Service Financial Assistance Award Terms and Conditions** posted on the Internet at <https://www.fws.gov/grants/atc.html>. If you do not have access to the Internet and require a printed copy of the award terms and conditions, contact the Service Project Officer identified below.

Conditions:

(1) Financial and Performance Reporting Requirements:

Annual interim financial and performance reports and final financial and performance reports are required under this award. The report periods and due dates under this award are:


Report:	Report Period End Date:	Report Due Date:
Interim financial & performance	03/31/2017	06/27/2017
Final financial & performance	12/31/2017	03/31/2018

Recipients must use the SF 425, *Federal Financial Report* form for all financial reporting. This form is available at <http://www.grants.gov/web/grants/forms/post-award-reporting-forms.html#sortby=1>.

Performance reports must contain: (1) a comparison of actual accomplishments with the goals and objectives of the award as detailed in the approved scope of work; (2) a description of reasons why established goals were not met, if appropriate; and (3) any other pertinent information relevant to the project results. Please include the Service award number provided in the subject line of this letter on all reports.

Financial and performance reporting due dates may be extended one time only for a maximum of 90 days by the Service upon receipt of a written request addressed to the Chief, Division of Wildlife and Sport Fish Restoration (WSFR), and sent to FW5fareports@fws.gov, identifying the type of report to be extended, the requested revised due date, and a justification for the extension. The Chief, WSFR may approve an additional extension if justified by a catastrophe that significantly impairs the recipient's operations. Requests for reporting due date extensions must be received by the Service no later than one calendar day before the original reporting due date.

Sincerely,


for Colleen E. Sculley
Chief, Division of Wildlife
and Sport Fish Restoration

cc: Randy Curtis
Linda Shaw