



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

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May 20, 2025

Her Excellency, Governor Kelly A. Ayotte
 and the Honorable Council
 State House
 Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Environmental Services (NHDES) to enter into a **SOLE SOURCE** grant agreement with University of New Hampshire, Sponsored Program Administration (VC# 315187-B083), Durham, NH, in the amount of \$400,000 to provide ecological monitoring services across three salt marsh restoration sites in the Seacoast of NH, effective upon Governor & Council approval through June 30, 2028. 100% Federal Funds.

Funding is available in the following account.

	<u>FY 2025</u>
03-44-44-442010-6363-072-500575	\$400,000
Dept. of Environmental Services, Coastal Resilience Infrastructure, Grants-Federal	

EXPLANATION

NHDES requests approval of a **SOLE SOURCE** grant agreement with the University of New Hampshire Jackson Estuarine Laboratory (UNH JEL) to provide ecological monitoring services across three salt marsh restoration sites in the Seacoast of NH. This agreement is **SOLE SOURCE** because UNH JEL was a partner on the "Restoring New Hampshire (NH) Salt Marshes" grant that was awarded to NHDES by the National Fish and Wildlife Foundation – America the Beautiful Challenge and NHDES is required to adhere to the proposal.

UNH JEL will provide ecological monitoring services across three salt marsh restoration sites in the Seacoast of New Hampshire that are supported by the "Restoring NH Salt Marshes" grant, including: Philbrick Pond (North Hampton), Fairhill Marsh (Rye), and the Hampton Ditch Remediation (Hampton). The goal of the monitoring initiative is to provide the State data to document restoration trajectories for regulatory compliance under local, state and federal environmental regulations, as well as to determine project performance and identify the potential need for adaptive management strategies.

Ecological monitoring approaches may be divided into either biological/biogeochemical or geospatial techniques, both of which are necessary to fully assess the three sites, which vary in restoration strategy, tidal regime, and total project area. UNH JEL will work with State to establish a final monitoring design to capture critical spatial and temporal framing that is needed for assessment goals. All sites will receive one year of pre-restoration data, and at least one year of post-restoration data. Years of post-restoration data collection are dependent on timing of individual project restoration action completion.

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Total project costs are budgeted at \$415,944. NHDES will provide \$400,000 of the project costs through this federal grant. UNH JEL will provide \$15,944 in non-federal matching funds. A budget breakdown is provided in Attachment A. In the event that federal funds become no longer available, general funds will not be requested to support this program.

The agreement has been approved by the Office of the Attorney General as to form, execution, and content.

We respectfully request your approval.

A handwritten signature in black ink, appearing to read "Robert R. Scott", is written over a solid horizontal line.

Robert R. Scott, Commissioner

COOPERATIVE PROJECT AGREEMENT

between the

STATE OF NEW HAMPSHIRE, **Department of Environmental Services**

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, **Department of Environmental Services**, (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 6/30/28. 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: Restoring New Hampshire Salt Marshes - Program to Evaluate Project Performance

- 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: Kevin Lucey
Address: NH Coastal Program
Dept. of Environmental Services
222 International Drive, Suite 175
Portsmouth, NH 03801
Phone: 603-559-0026

Campus Project Administrator

Name: Gretchen Swain
Address: University of New Hampshire
Sponsored Programs Administration
51 College Rd
Durham, NH 03824
Phone: (603) 862-4865

- 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 Lucey
Address: NH Coastal Program
Dept. of Environmental Services
222 International Drive, Suite 175
Portsmouth, NH 03801
Phone: 603-559-0026

Campus Project Director

Name: Gregg Moore
Address: University of New Hampshire
Spaulding Hall
38 Academic Way
Durham, NH 03824
Phone: 603-862-5138

F. Total State funds in the amount of \$400,000 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 3.8% 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. 5200.24.080763 from **NATIONAL FISH AND WILDLIFE FOUNDATION through the AMERICA THE BEAUTIFUL CHALLENGE, which provides funding from US Fish and Wildlife Service** under CFDA# 15.669. 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, **Department of Environmental Services** have executed this Project Agreement.

By An Authorized Official of:
University of New Hampshire
Name: Dianne Hall
Title: Manager, Pre-Award Compliance
Signature and Date: Dianne Hall Digitally signed by Dianne Hall
Date: 2025.05.08 10:27:40
-0400

By An Authorized Official of:
Department of Environmental Services
Name: Robert R. Scott
Title: Commissioner
Signature and Date: [Signature] 5/27/25

By An Authorized Official of: the New Hampshire
Office of the Attorney General
Name: Melissa Fales
Title: Assistant Attorney General
Signature and Date: [Signature] 5/29/25

By An Authorized Official of: the New
Hampshire Governor & Executive Council
Name: _____
Title: _____
Signature and Date: _____

EXHIBIT A

A. Project Title: Restoring New Hampshire Salt Marshes - Program to Evaluate Project Performance

B. Project Period: Contingent upon Governor and Council approval, through June 30, 2028

C. Objectives: The State is serving as principal investigator, coordinator, and grantee for a \$2,000,000 grant from the National Fish and Wildlife Foundation - America the Beautiful Challenge (NFWF ATBC) for the project entitled "Restoring New Hampshire (NH) Salt Marshes (EasyGrantsID: 80763)" (See Appendix A for a summary of the "Restoring NH Salt Marshes" grant). Under the suite of projects supported by "Restoring NH Salt Marshes" grant, State is subawarding \$400,000 to Campus to perform aspects of Task 5: Program to Evaluate Project Performance, as described in the Tasks below.

Scope of Work: Campus will complete the following activities:

Task A: Enact Ecological Monitoring Program: During the project performance period from NH Governor and Council Approval to June 30, 2028, Campus will provide ecological monitoring services across three salt marsh restoration sites in the Seacoast of New Hampshire that are supported by the "Restoring NH Salt Marshes" grant, including: Philbrick Pond (North Hampton), Fairhill Marsh (Rye), and the Hampton Ditch Remediation (Hampton). The goal of the monitoring initiative is to provide the State data to document restoration trajectories for regulatory compliance under local, state and federal environmental regulations, as well as to determine project performance and identify the potential need for adaptive management strategies.

Ecological monitoring approaches may be divided into either biological/biogeochemical or geospatial techniques, both of which are necessary to fully assess the three sites, which vary in restoration strategy, tidal regime, and total project area.

Biological Parameters will include, but may not be limited to:

- 1) Vegetation Assessment (percent cover, species richness, canopy height)
- 2) Pore Water Biogeochemistry (salinity, pH, redox potential, sulfide concentration)
- 3) Hydrology (installation of water level recorder/data loggers)
- 4) Nekton Surveys (lift netting, minnow trap, and passive acoustic monitoring at select sites)
- 5) Sediment Microbiome Assessment (characterization of microbial community)
- 6) Avian Surveys (mist netting, point counts, nest searching, etc.)

Each of these approaches will be employed in a series of plots/arrays scaled to the size (acreage) of the individual site and in the case of Hampton Ditch Remediation, the interconnectivity of individual parcels upon which the restoration will take place. Campus will work with State to establish final monitoring design to capture critical spatial and temporal framing that is needed for assessment goals. All sites will receive one year of pre-restoration data, and at least one year of post-restoration data. Years of post-restoration data collection are dependent on timing of individual project restoration action completion.

Geospatial Parameters will include:

- 1) Surface Elevation Monitoring (field survey using RTK-GPS)
- 2) UVVR Analysis (determination of the ratio of vegetation and unvegetated areal change)
- 3) Aerial Mapping (aerial imagery capture using unmanned aerial vehicle (UAV))

Similar to the Biological Parameters, Geospatial Parameters will be applied to each of the three restoration sites. Surface elevation data will be obtained at each vegetation and pore water sampling location, as well as in and around specific restoration actions such as ditch remediation, runneling, or other techniques and resulting data may be used to assist design as well as to monitor change over time. UVVR analysis will also be completed at each site. The Geospatial approach will be of particular value for restoration actions conducted over large, discontinuous parcels, particularly in Hampton. Finally, we will seek to conduct pre- and post-restoration aerial mapping using UAV, augmented by available LiDAR or other geospatial imagery.

Task B: Outreach and Stakeholder Engagement

- i. *Attend "Restoring NH Salt Marshes" Annual Meeting*
 - a. Campus shall attend a virtual meeting convened by State in 2025, 2026, 2027, 2028. At each annual meeting, Campus should be prepared to discuss project status, lessons learned, and next steps.
- ii. *Attend NH Salt Marsh Task Force Meeting:*
 - a. Campus may use project funds to attend the bi-annual NH Salt Marsh Task Force. Campus shall present at least twice to the NH Task Force and participate in a professional site tour.
- iii. *Convene Technical Team:*
 - a. Create a Project Team to support and coordinate the efforts of the Ecological Monitoring Program. Convene Project Team as needed and not less than annually over the project duration.
- iv. *Create opportunities to share and seek feedback from local Stakeholders:*
 - a. Consider other opportunities to share the project through public presentations in formal and informal working groups, such as through NH CAW, SHEA, or the Coastal Conservation Roundtable, and/or local and regional conferences.

Task C: Reporting

- i. *Prepare and Submit Interim and Final Programmatic Reports*
 - a. Submit interim programmatic reports to State on 8/15/25, 8/15/26, and 8/15/27 to enable State to compile and upload final report to NFWF by the deadlines of 9/1/25, 9/1/26, and 9/1/27, respectively. The interim programmatic report shall consist of written statements of Project accomplishments and updated metric values.

- b. Submit a final programmatic report by 6/30/28. The Final Report will summarize activities throughout the entire project period and is due to State by 6/30/28.
- ii. Submit a final Technical Report to State by 6/30/28. The Technical Report should include:
 - a. Summary of all ecological data collected by Campus at Fairhill, Philbrick, and Hampton Ditch, as well as a summary of all Implementation Metric data reported by State and submitted to Campus annually.
 - b. Analysis characterizing existing conditions and any observed trends.
 - c. Raw Data, including results of vegetation, hydrology, elevation, porewater chemistry assessments, as well as any geospatial products, including layout of monitoring framework, geospatial imagery, and derived mapping products.
 - d. A representative number of high-resolution photographs depicting the project.
- iii. Any outward facing products, publications, presentations, handouts etc. that are created with funding from State's NFWF ATBC grant shall comply with NFWF and NHDES publication requirements, as follows:
 - a. Provide funding credit to the National Fish and Wildlife Foundation- America the Beautiful Challenge, New Hampshire Department of Environmental Services, and the NH Coastal Program.
 - b. All final work products must meet the applicable Americans with Disabilities Act (ADA) Title II Regulations to the extent practicable and shall be guided by best practices outlined in the Revised Section 508 Standards of the Rehabilitation Act and the Web Content Accessibility Guidelines (WCAG). At minimum, final work products shall include sans-serif fonts, underlined and descriptive text links, color best practices, captions for audio and video content, headers in tables, images with alt text, gender-neutral text, and consideration of the Plain Writing Act. Examples of final work products and outreach materials include, but are not limited to, project reports, press releases, newsletter articles, websites, videos and signage.

TIMELINE

Site/Activity	EY26			EY26			EY27		
	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
Philbrick									
Vegetation assessment	X			X			X		
Pore water chemistry	X			X			X		
Hydrology	X	X		X	X		X	X	
Nekton survey	X						X		
Microbiome	X						X		
Avian survey	X			X			X		
Surface elevations	X	X						X	
UVVR analysis		X						X	
UAV mapping		X						X	
Reporting			X			X			X
Hampton Ditch									
Vegetation assessment	X						X		
Pore water chemistry	X						X		
Hydrology	X	X					X	X	
Nekton survey	X						X		
Microbiome	X						X		
Avian survey	X			X			X		
Surface elevations	X	X						X	
UVVR analysis		X						X	
UAV mapping		X						X	
Reporting			X						X
Fairhill Marsh									
Vegetation assessment				X			X		
Pore water chemistry				X			X		
Hydrology				X	X		X	X	X
Nekton survey				X			X		
Microbiome				X			X		
Avian survey	X			X			X		
Surface elevations				X	X			X	
UVVR analysis					X			X	
UAV mapping					X			X	
Reporting						X			X

D. Deliverables Schedule: Campus Director shall submit (3) Interim Reports, 1 Final Technical Report, 1 Final Programmatic Report, and Source Data to State that summarize project activities. The Interim Reports will be due on 8/15/25, 8/15/26, and 8/15/27 to enable State to compile and upload final report to NFWF by the deadlines of 9/1/25, 9/1/26, and 9/1/27, respectively. The Final Report will summarize activities throughout the entire project period and is due to State by 6/30/28. Submitted with the report should be a representative number of high-resolution photographs depicting the project.

E. 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, and shall document 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 75 days after the Project Period end date.

Budget Items	Funds	Cost Sharing	Total
1. Salaries & Wages	\$ 241,388	\$ 8,972	\$ 250,360
2. Fringe Benefits	\$ 46,182	\$ 3,682	\$ 49,864
3. Travel	\$ 1,100	\$ 0	\$ 1,100
4. Supplies & Services	\$ 14,925	\$ 0	\$ 14,925
5. Tuition	\$17,470	\$0	\$17,470
6. Facilities & Admin	\$78,935	\$ 3,290	\$ 82,225
Subtotals	\$ 400,000	\$ 15,944	\$ 415,944

Total Project Costs: \$415,944

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. 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 **Uniform Guidance issued by the Office of Management and Budget (OMB).**

APPENDIX A

Program Overview: The New Hampshire Department of Environmental Services - Coastal Program (NHCP) is serving as principal investigator, coordinator, and grantee for a \$2,000,000 grant from the National Fish and Wildlife Foundation - America the Beautiful Challenge (NFWF ATBC) for the project entitled "Restoring New Hampshire (NH) Salt Marshes (EasyGrantsID: 80763)." As part of the "Restoring NH Salt Marshes" grant, NHCP is partnering with The Nature Conservancy (TNC), University of New Hampshire – Jackson Estuarine Laboratory (UNH JEL), Town of Hampton, and Rockingham County Conservation District (RCCD) to support the restoration of four high priority salt marsh projects in New Hampshire (NH). The Restoring NH Salt Marshes Grant will also enact a coordinated program to evaluate program performance and conduct a cultural resource investigation of the salt marsh uses in NH.

The "Restoring NH Salt Marshes" project addresses the legacy effects of salt marsh farming, which was practiced in NH from the 1600's through the mid-20th century. Salt marsh farmers modified the landscape to optimize conditions for salt hay production, which disconnected tidal wetlands from natural channel hydrology through an extensive network of ditches and embankments. During the era of salt marsh ditching for mosquito control in the 1930s, massive volumes of salt marsh peat were moved/removed from NH marshes to create ditches to drain the salt marsh plain. The combined effect of salt marsh farming and mosquito ditching continues to have considerable influence on tidal wetlands in NH, causing changes to tidal wetland type and condition, as well as by increasing the vulnerability of these tidal wetlands to erosion and subsidence. This collaborative project endeavors to restore and preserve high marsh plant communities, largely through the emerging practice of "Single Channel Hydrology Restoration" and associated techniques to enhance native salt marsh habitat for rare species, which may include but are not limited to the following restoration practices:

- **Runnel:** is a technique developed to balance the hydrology on the marsh surface to optimize conditions for a vegetated plant community. It involves the excavation of shallow channels on the marsh surface to allow for effective flooding and draining.
- **Ditch Remediation:** is a technique developed to "heal" ditches. It involves the addition of salt marsh hay that is staked to targeted ditch bottoms over a series of years. Otherwise, this restoration practice uses natural processes to accumulate sediment and create peat over time. The ultimate goal of the practice is to sufficiently raise the elevation of the ditch bottom to support plant growth.
- **Tidal Channel Enhancement:** often requiring heavy equipment, tidal channel enhancement may be necessary to change channel capacity and gradation to allow for effective flooding and draining.
- **Sediment Placement:** refers to the application of dredged or upland sediments to the marsh surface for the purpose of increasing marsh elevation, including the creation of low-profile islands on the marsh plain with sediment generated from runnel and tidal channel enhancement. A primary goal of these vegetated islands is to provide nesting habitat for the imperiled salt marsh sparrow.
- **Integrative Pest Management (IPM):** refers to a best management practice that enacts multiple strategies for effective control of invasive plants. IPM strategies for Common Reed (*Phragmites australis*) and Perennial Pepperweed (*Lepidium latifolium*) may entail modifications to tidal hydrology, mechanical control (cutting and pulling), as well as through the targeted and limited use of herbicides.

Campus Authorized Official DH
Date 5/8/25

Project Principles: In pursuit of the work described in this agreement, Grantee understands and agrees to following the principles of the "Restoring NH Salt Marshes" grant:

1. Stakeholders (e.g. landowners; restoration partners; and municipal, state and federal regulatory entities) are provided opportunity to provide input on proposed restoration plans.
2. Restoration goals, outcomes, and performance metrics are clearly articulated to enable evaluation of program performance.
3. Adaptive management principles are incorporated into restoration plans, permit applications, and contracts to enable continued optimization of restoration interventions to achieve intended outcomes.
4. All on-the-ground restoration activities must:
 - a. Have written approval from NHCP to ensure that the on-the-ground activities have received the necessary NEPA and Section 106 approvals from NFWF ATBC.
 - b. Have landowner permissions and approvals.
 - c. Have necessary local, state, and federal permits and approvals.
 - d. Adhere to the requirements of local, state, and federal permits.
 - e. Conduct Implementation Monitoring (See Item 6B (below)).
5. NHCP staff will be substantially involved in all subawards associated with the "Restoring NH Salt Marshes" project, including providing technical assistance and guidance to Grantees, as follows:
 - a. Collaborate on the scope of work through meetings and review of documents.
 - b. Provide assistance with technical aspects of the habitat restoration project such as assistance with assessment, design, permitting or development of detailed work plans.
 - c. Review and comment on design plans at various stages throughout any portion of the design process that occurs during the award.
 - d. Assist with fund raising to support existing and future salt marsh restoration.
6. *Program to Evaluate Project Performance:* NHCP will collaborate with Grantees to evaluate restoration projects supported by the "Restoring NH Salt Marshes" grant, as follows:
 - a. *Effectiveness Monitoring:* UNH will provide ecological monitoring services across three salt marsh restoration sites in the Seacoast of New Hampshire, including: Philbrick Pond (North Hampton), Fairhill Marsh (Rye), and the Hampton Ditch Remediation (Hampton), including the following parameters: Vegetation, Pore Water Biogeochemistry, Hydrology, Nekton Surveys, Sediment Microbiome, Avian Surveys.
 - b. *Implementation Monitoring:* All subawardees implementing on-the-ground projects will be responsible for documenting Implementation Metrics to ensure that all restoration interventions are: thoroughly documented (as to their description and location), built to specification, and achieve the target performance criteria. Implementation Metrics will be submitted annually to NHCP. UNH will utilize Implementation Metrics for final reporting.
7. *Compliance with National Historic Preservation Act (NHPA):* With support from an Architectural and Archeological consultant, NHCP will collaborate with lead federal agency (LFA) (United States Fish and Wildlife Service (USFWS)), and the State Historic Preservation Office (SHPO) (NH Division of Historical Resources (NHDHR)), to conduct a cultural landscape investigation of salt marsh in NH. NHCP's consultant will also support all "Restoring NH Salt Marshes" subawardees with all aspects of NHPA Section 106 compliance.

Campus Authorized Official DH
Date 5/8/25

Table 1. Subaward details of the "Restoring NH's Salt Marshes" grant from the National Fish and Wildlife Foundation America the Beautiful Challenge

Task	Projects	Grantee	Target Acres	Target Schedule			
				2025	2026	2027	2028
1	Restoring Philbrick Pond Salt Marsh	The Nature Conservancy					
	A Implement Demonstration Project		2.7				
	B Plan and Permit Expansion Project		-				
	C Implement Expansion Project		- 6.2				
	D Explore Additional Restoration		- TBD				
2	Restoring Hampton Salt Marshes	Town of Hampton					
	A Implement Demonstration Project		14				
	B Plan and Permit Expansion Project		-				
	C Implement Expansion Project		- 106				
3	Adaptive Management at Odiorne Point	Rockingham County Conservation District					
	A Plan and Permit Demonstration Project		-				
	B Implement Demonstration Project		83				
	C Enact Adaptive Management		-				
4	Great Bay Phragmites Project	Rockingham County Conservation District					
	A Demonstration Assessment, Permitting, & Implementation		1				
	B Expansion Assessment, Permitting, & Implementation		- TBD				
5	Program to Evaluate Project Performance	University of New Hampshire					
	A Enact Ecological Monitoring Program		-				
	B Outreach and Stakeholder Engagement		-				
	C Reporting		-				
6	Salt Marsh Cultural Landscape Investigation	Contractor TBD					
	A Prepare Architectural Survey Plan		-				
	B Conduct Section 106 Compliance Services		-				

**Attachment A
Budget Estimate**

Item	Federal	Non-Federal	Match Type	Total
Personnel	\$241,388	\$8,972	K	\$250,360
Fringe	\$46,182	\$3,682	K	\$49,864
Equipment	\$0	\$0		\$0
Travel	\$1,100	\$0		\$1,100
Supplies	\$14,925	\$0		\$14,925
Sub-Contractual	\$0	\$0		\$0
Construction	\$0	\$0		\$0
Other	\$17,470	\$0		\$17,470
Indirect	\$78,935	\$3,290	K	\$82,225
TOTALS	\$400,000	\$15,944	-	\$415,944

* Match Type: Indicate "C" is cash match; "K" if in-kind