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New Hampshire

Department of Agriculture,
Markets, and Food

Shawn N. Jasper, Commissioner

March 24, 2025

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

REQUESTED ACTION

Authorize the New Hampshire Department of Agriculture, Markets & Food, Division of Pesticide Control to grant funds and enter into a Cooperative Project Agreement, in the amount of \$23,000 with the Rockingham County Conservation District, (VC #154584), Brentwood, NH for the advancement of agricultural research and to assist in the promotion of Integrated Pest Management practices in New Hampshire, effective upon Governor and Council approval through December 31, 2025. 100% Other Funds.

Funding is available for Fiscal Year 2025 as follows:

02-18-18-183010-21820000, Integrated Pest Management

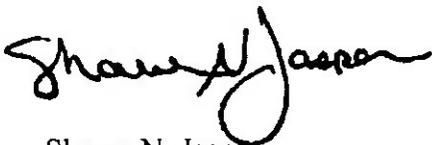
075-500590 - Grants and Subsidies

FY 2025
\$23,000

EXPLANATION

The New Hampshire Department of Agriculture, Markets and Food (NHDAMF), Division of Pesticide Control, in fulfilling its responsibilities under the Integrated Pest Management (IPM) Program, RSA 430:50; to promote the principles of IPM and assist New Hampshire citizens to advance the practice of such principles, has reviewed the project, "*Odiorne Point State Park Habitat Restoration 2025 Advancing Towards Little Harbor Shoreline*", and finds it exemplifies good practices associated with Integrated Pest Management. The research and educational aspects associated with this project and the efforts of the Rockingham County Conservation District will identify methods to manage invasive plants in state parks. Experience and results of this project serve the benefit of all citizens of New Hampshire.

Respectfully submitted,



Shawn N. Jasper
Commissioner

GRANT AGREEMENT

The State of New Hampshire and the Grantee hereby
Mutually agree as follows:
GENERAL PROVISIONS

1. Identification and Definitions.

1.1. State Agency Name Department of Agriculture, Markets & Food		1.2. State Agency Address PO Box 2042, 1 Granite Place South, Suite 211, Concord, NH 03302-2042	
1.3. Grantee Name Rockingham County Conservation District		1.4. Grantee Address 110 North Road Brentwood, NH 03833	
1.5. Grantee Phone # (603) 679-2790	1.6. Account Number 21820000	1.7. Completion Date December 31, 2025	1.8. Grant Limitation \$ 23,000.00
1.9. Grant Officer for State Agency Rebecca L. Tgibedes		1.10. State Agency Telephone Number (603) 271-7788	
If Grantee is a municipality or village district: "By signing this form we certify that we have complied with any public meeting requirement for acceptance of this grant, including if applicable RSA 31:95-b."			
1.11. Grantee Signature 1 <i>Samantha Cyr</i>		1.12. Name & Title of Grantee Signor 1 Samantha Cyr, Chair	
Grantee Signature 2		Name & Title of Grantee Signor 2	
Grantee Signature 3		Name & Title of Grantee Signor 3	
1.13. State Agency Signature(s) <i>Shawn Jasper</i>		1.14. Name & Title of State Agency Signor(s) Shawn N. Jasper, Commissioner	
1.15. Approval by Attorney General (Form, Substance and Execution) (if G & C approval required)			
By: <i>Louise D. Uehli</i>		Assistant Attorney General, On: 3/21/25	
1.16. Approval by Governor and Council (if applicable)			
By:		On: / /	

2. **SCOPE OF WORK:** In exchange for grant funds provided by the State of New Hampshire, acting through the Agency identified in block 1.1 (hereinafter referred to as "the State"), the Grantee identified in block 1.3 (hereinafter referred to as "the Grantee"), shall perform that work identified and more particularly described in the scope of work attached hereto as EXHIBIT B (the scope of work being hereinafter referred to as "the Project").

Grantee Initials SKC
Date 3/6/25

3. AREA COVERED. Except as otherwise specifically provided for herein, the Grantee shall perform the Project in, and with respect to, the State of New Hampshire.
4. EFFECTIVE DATE: COMPLETION OF PROJECT.
- 4.1. This Agreement, and all obligations of the parties hereunder, shall become effective on the date on the date of approval of this Agreement by the Governor and Council of the State of New Hampshire if required (block 1.16), or upon signature by the State Agency as shown in block 1.14 ("the Effective Date").
- 4.2. Except as otherwise specifically provided herein, the Project, including all reports required by this Agreement, shall be completed in ITS entirety prior to the date in block 1.7 (hereinafter referred to as "the Completion Date").
5. GRANT AMOUNT: LIMITATION ON AMOUNT: VOUCHERS: PAYMENT.
- 5.1. The Grant Amount is identified and more particularly described in EXHIBIT C, attached hereto.
- 5.2. The manner of, and schedule of payment shall be as set forth in EXHIBIT C.
- 5.3. In accordance with the provisions set forth in EXHIBIT C, and in consideration of the satisfactory performance of the Project, as determined by the State, and as limited by subparagraph 5.5 of these general provisions, the State shall pay the Grantee the Grant Amount. The State shall withhold from the amount otherwise payable to the Grantee under this subparagraph 5.3 those sums required, or permitted, to be withheld pursuant to N.H. RSA 80:7 through 7-c.
- 5.4. The payment by the State of the Grant amount shall be the only, and the complete payment to the Grantee for all expenses, of whatever nature, incurred by the Grantee in the performance hereof, and shall be the only, and the complete, compensation to the Grantee for the Project. The State shall have no liabilities to the Grantee other than the Grant Amount.
- 5.5. Notwithstanding anything in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made, hereunder exceed the Grant limitation set forth in block 1.8 of these general provisions.
6. COMPLIANCE BY GRANTEE WITH LAWS AND REGULATIONS. In connection with the performance of the Project, the Grantee shall comply with all statutes, laws, regulations, and orders of federal, state, county, or municipal authorities which shall impose any obligations or duty upon the Grantee, including the acquisition of any and all necessary permits and RSA 31-95-b.
7. RECORDS AND ACCOUNTS.
- 7.1. Between the Effective Date and the date seven (7) years after the Completion Date, unless otherwise required by the grant terms or the Agency, the Grantee shall keep detailed accounts of all expenses incurred in connection with the Project, including, but not limited to, costs of administration, transportation, insurance, telephone calls, and clerical materials and services. Such accounts shall be supported by receipts, invoices, bills and other similar documents.
- 7.2. Between the Effective Date and the date seven (7) years after the Completion Date, unless otherwise required by the grant terms or the Agency pursuant to subparagraph 7.1, at any time during the Grantee's normal business hours, and as often as the State shall demand, the Grantee shall make available to the State all records pertaining to matters covered by this Agreement. The Grantee shall permit the State to audit, examine, and reproduce such records, and to make audits of all contracts, invoices, materials, payrolls, records of personnel, data (as that term is hereinafter defined), and other information relating to all matters covered by this Agreement. As used in this paragraph, "Grantee" includes all persons, natural or fictional, affiliated with, controlled by, or under common ownership with, the entity identified as the Grantee in block 1.3 of these provisions.
8. PERSONNEL.
- 8.1. The Grantee shall, at its own expense, provide all personnel necessary to perform the Project. The Grantee warrants that all personnel engaged in the Project shall be qualified to perform such Project, and shall be properly licensed and authorized to perform such Project under all applicable laws.
- 8.2. The Grantee shall not hire, and it shall not permit any subcontractor, subgrantee, or other person, firm or corporation with whom it is engaged in a combined effort to perform the Project, to hire any person who has a contractual relationship with the State, or who is a State officer or employee, elected or appointed.
- 8.3. The Grant Officer shall be the representative of the State hereunder. In the event of any dispute hereunder, the interpretation of this Agreement by the Grant Officer, and his/her decision on any dispute, shall be final.
9. DATA: RETENTION OF DATA: ACCESS.
- 9.1. As used in this Agreement, the word "data" shall mean all information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations,

- computer programs, computer printouts, notes, letters, memoranda, paper, and documents, all whether finished or unfinished.
- 9.2. Between the Effective Date and the Completion Date the Grantee shall grant to the State, or any person designated by it, unrestricted access to all data for examination, duplication, publication, translation, sale, disposal, or for any other purpose whatsoever.
- 9.3. No data shall be subject to copyright in the United States or any other country by anyone other than the State.
- 9.4. On and after the Effective Date all data, and any property which has been received from the State or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason, whichever shall first occur.
- 9.5. The State, and anyone it shall designate, shall have unrestricted authority to publish, disclose, distribute and otherwise use, in whole or in part, all data.
10. CONDITIONAL NATURE OR AGREEMENT. Notwithstanding anything in this Agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability or continued appropriation of funds, and in no event shall the State be liable for any payments hereunder in excess of such available or appropriated funds. In the event of a reduction or termination of those funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to terminate this Agreement immediately upon giving the Grantee notice of such termination.
11. EVENT OF DEFAULT: REMEDIES.
- 11.1. Any one or more of the following acts or omissions of the Grantee shall constitute an event of default hereunder (hereinafter referred to as "Events of Default"):
- 11.1.1 Failure to perform the Project satisfactorily or on schedule; or
- 11.1.2 Failure to submit any report required hereunder; or
- 11.1.3 Failure to maintain, or permit access to, the records required hereunder; or
- 11.1.4 Failure to perform any of the other covenants and conditions of this Agreement.
- 11.2. Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:
- 11.2.1 Give the Grantee a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied; terminate this Agreement, effective two (2) days after giving the Grantee notice of termination; and
- 11.2.2 Give the Grantee a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the Grant Amount which would otherwise accrue to the Grantee during the period from the date of such notice until such time as the State determines that the Grantee has cured the Event of Default shall never be paid to the Grantee; and
- 11.2.3 Set off against any other obligation the State may owe to the Grantee any damages the State suffers by reason of any Event of Default; and
- 11.2.4 Treat the agreement as breached and pursue any of its remedies at law or in equity, or both.
12. TERMINATION.
- 12.1. In the event of any early termination of this Agreement for any reason other than the completion of the Project, the Grantee shall deliver to the Grant Officer, not later than fifteen (15) days after the date of termination, a report (hereinafter referred to as the "Termination Report") describing in detail all Project Work performed, and the Grant Amount earned, to and including the date of termination.
- 12.2. In the event of Termination under paragraphs 10 or 12.4 of these general provisions, the approval of such a Termination Report by the State shall entitle the Grantee to receive that portion of the Grant amount earned to and including the date of termination.
- 12.3. In the event of Termination under paragraphs 10 or 12.4 of these general provisions, the approval of such a Termination Report by the State shall in no event relieve the Grantee from any and all liability for damages sustained or incurred by the State as a result of the Grantee's breach of its obligations hereunder.
- 12.4. Notwithstanding anything in this Agreement to the contrary, either the State or, except where notice default has been given to the Grantee hereunder, the Grantee, may terminate this Agreement without cause upon thirty (30) days written notice.
13. CONFLICT OF INTEREST. No officer, member of employee of the Grantee, and no representative, officer or employee of the State of New Hampshire or of the governing body of the locality or localities in which the Project is to be performed, who exercises any functions or responsibilities in the review or

Grantee Initials SKC
Date 3/6/25

- approval of the undertaking or carrying out of such Project, shall participate in any decision relating to this Agreement which affects his or her personal interest or the interest of any corporation, partnership, or association in which he or she is directly or indirectly interested, nor shall he or she have any personal or pecuniary interest, direct or indirect, in this Agreement or the proceeds thereof.
14. GRANTEE'S RELATION TO THE STATE. In the performance of this Agreement the Grantee, its employees, and any subcontractor or subgrantee of the Grantee are in all respects independent contractors, and are neither agents nor employees of the State. Neither the Grantee nor any of its officers, employees, agents, members, subcontractors or subgrantees, shall have authority to bind the State nor are they entitled to any of the benefits, workmen's compensation or emoluments provided by the State to its employees.
15. ASSIGNMENT AND SUBCONTRACTS. The Grantee shall not assign, or otherwise transfer any interest in this Agreement without the prior written consent of the State. None of the Project Work shall be subcontracted or subgranted by the Grantee other than as set forth in Exhibit B without the prior written consent of the State.
16. INDEMNIFICATION. The Grantee shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the State, its officers and employees, by or on behalf of any person, on account of, based on, resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Grantee or subcontractor, or subgrantee or other agent of the Grantee. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive the termination of this agreement.
17. INSURANCE.
- 17.1 The Grantee shall, at its own expense, obtain and maintain in force, or shall require any subcontractor, subgrantee or assignee performing Project work to obtain and maintain in force, both for the benefit of the State, the following insurance:
- 17.1.1 Statutory workers' compensation and employees liability insurance for all employees engaged in the performance of the Project, and
- 17.1.2 General liability insurance against all claims of bodily injuries, death or property damage, in amounts not less than \$1,000,000 per occurrence and \$2,000,000 aggregate for bodily injury or death any one incident, and \$500,000 for property damage in any one incident; and
- 17.2. The policies described in subparagraph 17.1 of this paragraph shall be the standard form employed in the State of New Hampshire, issued by underwriters acceptable to the State, and authorized to do business in the State of New Hampshire. Grantee shall furnish to the State, certificates of insurance for all renewal(s) of insurance required under this Agreement no later than ten (10) days prior to the expiration date of each insurance policy.
18. WAIVER OF BREACH. No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event, or any subsequent Event. No express waiver of any Event of Default shall be deemed a waiver of any provisions hereof. No such failure of waiver shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other default on the part of the Grantee.
19. NOTICE. Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses first above given.
20. AMENDMENT. This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Council of the State of New Hampshire, if required or by the signing State Agency.
21. CONSTRUCTION OF AGREEMENT AND TERMS. This Agreement shall be construed in accordance with the law of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assignees. The captions and contents of the "subject" blank are used only as a matter of convenience, and are not to be considered a part of this Agreement or to be used in determining the intent of the parties hereto.
22. THIRD PARTIES. The parties hereto do not intend to benefit any third parties and this Agreement shall not be construed to confer any such benefit.
23. ENTIRE AGREEMENT. This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings relating hereto.
24. SPECIAL PROVISIONS. The additional or modifying provisions set forth in Exhibit A hereto are incorporated as part of this agreement.

Grantee Initials SKC
Date 3/6/25

**Exhibit A
Special Provisions**

Provision 4 of the Grant Agreement shall be amended to include:

4.3 Grantee shall submit a final narrative report to the State no more than thirty (30) days following the Completion Date of the project. The final narrative shall include:

- a. detailed itemized budget;
- b. a complete description of outreach activity; and
- c. an evaluation of the effectiveness and overall success of the program.

**Exhibit B
Scope of Services**

Grantee agrees to conduct the approved Project in accordance with their Approved Project Proposal, *Odiorne Point State Park Habitat Restoration 2025 Advancing Towards Little Harbor Shoreline*, which is incorporated by reference herein and attached as Attachment 1, a copy of which shall be maintained by the State. During the entirety of the Project, Grantee agrees to conduct all activities in furtherance of the principles and practice of Integrated Pest Management.

**Exhibit C
Payment Terms**

The State shall pay Grantee the sum of \$23,000.00, the entire amount of this grant, within thirty (30) days of approval of this Grant Agreement by the Governor and Council.

Total payments under this project shall not exceed \$23,000.00 for the period ending December 31, 2025.

Attachment #1 Project Proposal

Grantee Initials SKC
Date 3/6/25

Certificate of Authority # 1

(Corporation, Non-Profit Corporation)

Corporate Resolution

I, Richard Sugatt, hereby certify that I am duly elected Clerk ~~Secretary~~ Officer of ROCKINGHAM COUNTY CONSERVATION DISTRICT. I hereby certify the following is a true copy of a vote taken at
(Name of Corporation)

a meeting of the Board of Directors/shareholders, duly called and held on 2/19, 2025
at which a quorum of the Directors/shareholders were present and voting.

VOTED: That SAMANTHA LYR, CHAIR is
(Name and Title)

duly authorized to enter into contracts or agreements on behalf of Rockingham County CONSERVATION DISTRICT with the State of New Hampshire and any of
(Name of Corporation)

its agencies or departments and further is authorized to execute any documents which may in his/her judgment be desirable or necessary to effect the purpose of this vote.

I hereby certify that said vote has not been amended or repealed and remains in full force and effect as of the date of the contract to which this certificate is attached. This authority remains valid for thirty (30) days from the date of this Corporate Resolution. I further certify that it is understood that the State of New Hampshire will rely on this certificate as evidence that the person(s) listed above currently occupy the position(s) indicated and that they have full authority to bind the corporation. To the extent that there are any limits on the authority of any listed individual to bind the corporation in contracts with the State of New Hampshire, all such limitations are expressly stated herein.

DATED: 2/19/25

ATTEST: Richard Sugatt
RICHARD SUGATT,
SECRETARY

IN ROCKINGHAM COUNTY
2/19/25

WITNESSED Emily Fernald
EMILY FERNALD
Justice of the Peace
EX 61212026

Attachment #1

ROCKINGHAM COUNTY CONSERVATION DISTRICT
IPM GRANT APPLICATION 2025

ODIORNE POINT STATE PARK
HABITAT RESTORATION 2025
ADVANCING TOWARDS LITTLE HARBOR SHORELINE

Contact: Vicky Nelson, District Manager

Signature: *Vicky Nelson*

Project Contact: Tracy Degnan, Senior Project Manager
Mailing Address: RCCD, 110 North Rd, Brentwood, NH 03833
Telephone: 603-679-2790
Starting and Ending Dates: April 30, 2025 – December 31,
2025 Grant Amount Requested: \$23,000.00

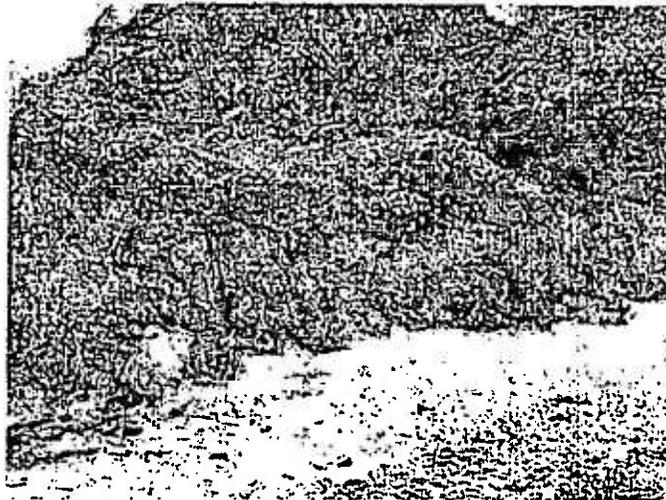


Figure 1. Heavily degraded foredune facing southwest: 5/26/2020

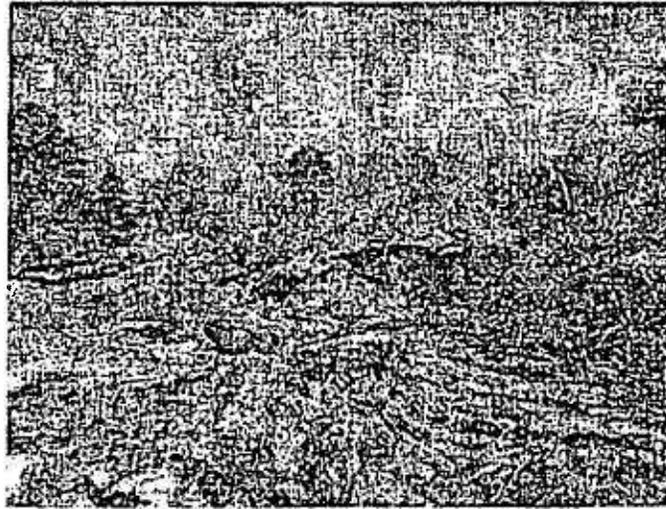


Figure 2. Some degraded dune system facing northeast. Large section of dune has eroded. The current trail system is where RCCD staff is standing in the photo. 4/26/2024.

I. Itemized Budget

Task	Staff	Supplies	Mileage	Total
Continued coordination with partners & planning	\$3,000.00	\$0.00	\$180.00	\$3,180.00
Invasive species removals	\$9,000.00	\$1,050.00	\$500.00	\$10,550.00
Initial seeding/planting/habitat enhancements, fencing, etc. and signage	\$4,500.00	\$750.00	\$300.00	\$5,550.00
Outreach to at least three organizations	\$2,000.00	\$300.00	\$180.00	\$2,480.00
Project evaluation & reporting, DAMF special permit reporting	\$1,050.00	\$100.0	\$90.00	\$1,240.00
TOTAL	\$19,550.00	\$2,200.00	\$1,250.00	\$23,000.00

II. Project Goals

The primary goals of this project are:

- I. **Habitat Restoration Using IPM Techniques:** To apply Integrated Pest Management (IPM) strategies, refined through over fifteen years of experience at Odiorne Point State Park, to initiate habitat restoration on approximately 2.5 acres (Fields 3, 4, 5, 6, and 8) and follow-up control efforts on an additional 12 acres (Fields 3, 4, 5, 6, 7, and 8), where restoration has recently been initiated. The proposed work will focus on expanding

restoration efforts across two coastal foredune systems that are severely degraded and at risk of being lost (refer to the *Odiorne Point State Park Proposed IPM Restoration 2025 map and attached photographs*).

2. **Educational Outreach and Engagement:** To provide hands-on workshops for at least three groups or organizations, along with additional outreach through signage, social media, and restoration updates featured on the RCCD website.
3. **Seeding and Native Plantings:** To conduct additional seeding and native plantings following careful IPM control measures, with a particular emphasis on American beach grass (*Ammophila breviflorata*) and other native species, to aid in stabilizing the foredune systems.
4. **Trail Closures/Modifications:** To plan and implement trail closures and/or modifications in collaboration with project partners. This may include the installation of signage and barriers to protect sensitive areas.
5. **Project Evaluation and Reporting:** To evaluate project outcomes with partners, secure special permits as required, and complete final reporting activities.

New restoration initiatives are outlined on the attached "*Odiorne Point State Park Proposed Restoration 2025*" map, highlighted in red as "*Proposed Restoration 2025*." Following the winter of 2022 invasive plant mowing, access to key areas of the Park has been improved, enabling RCCD to initiate ecological restoration activities within new areas of moist coastal forest and degraded dune habitats. Dunes are vital coastal features that are being lost at an alarming rate along the New England coastline. They provide essential wildlife habitat and serve as critical coastal resources by supplying sand to eroding beaches and acting as natural barriers against intensified storm surges and flooding. These functions are fundamental to coastal resilience.

The dunes along Odiorne's Little Harbor shoreline have been severely degraded due to invasive plant species, human activities, and increased storm surge events. This project seeks to mitigate these pressures by reducing invasive plant populations and seed sources, restoring native plant communities, and collaborating with project partners on proposed trail closures and/or modifications to protect these critical coastal habitats from ongoing degradation.

Proposed follow-up invasive plant control efforts will focus on areas where restoration has been initiated within the past two years. These areas are directly adjacent to those highlighted for initial restoration in 2025 (see attached map, *Odiorne Point State Park Proposed Restoration 2025*, highlighted in pink). This region, which encompasses forest, shrubland, dune, and wetland habitats, has been heavily dominated by invasive species such as Oriental bittersweet, glossy buckthorn, and honeysuckle. Additionally, it is one of the few areas in the park with a significant presence of burning bush (*Euonymus alatus*), a species that RCCD has found particularly challenging to control.

Public education and engagement are increasingly vital as public interest in ongoing restoration efforts continues to grow, and as we begin implementing modifications to the existing trail systems, which will directly affect visitor experience at the park. In early summer 2024, RCCD installed two new signs highlighting coastal resiliency planning

and the anticipated movement of coastal trail systems (*See Appendix A for sign photos*). These modifications aim to protect and enhance diverse coastal ecosystems while providing safer access for park visitors. Additional trail signage will be developed to help visitors navigate newly created or modified trail systems, contingent upon securing further funding and partner support. Once trail modifications are underway, signage will be strategically installed in key locations. The combination of signage, outreach events, social media engagement, website updates, and direct public interaction through fieldwork and volunteer programs has proven highly effective in educating a wide range of visitors about critical coastal resources, the harmful impacts of invasive plant species, and the evolving coastal processes driven by climate change—many of which are becoming increasingly evident. Beyond the immediate benefits of these outreach efforts, this restoration work will leave a lasting legacy for both current and future generations.

III. Project Objectives

We will employ Integrated Pest Management (IPM) techniques, including selective herbicide applications, cutting, and the seeding or planting of native vegetation, to achieve the objectives of this project. Our approach will take into account the life cycles of invasive species—such as their periods of susceptibility and seed production—while also considering the life cycles of non-target vegetation and wildlife to optimize benefits and minimize environmental impacts. In addition to evaluating herbicide effects, we will assess the potential impacts of the selected plant species on the native community and local wildlife. We will also account for tidal influences, salt marsh dynamics, and wetland migration patterns in our planning. Within the Little Harbor shoreline area, which experiences significant use, two sections of dune will be temporarily closed to support restoration efforts:

Two dune systems (Dune A and Dune B, as indicated on the attached map) will undergo an initial foliar herbicide application using a dicot-selective spray. This approach is designed to minimize any negative impacts on the existing American beach grass populations, which are already stressed by coastal storm events and human activity. Due to the high density of invasive species and the significant seed source present on the dunes, a follow-up foliar application will likely be necessary in preparation for a native restoration planting planned for late fall.

Prior to planting, RCCD staff and/or volunteers will need to remove any dead invasive vegetation and woody debris. A fall planting of American beach grass is planned, with a focus on areas where invasive control has been successful and areas at high risk of erosion. The beach grass will be locally sourced, most likely from the Common Garden run by UNH Sea Grant at Hampton Beach State Park, and transported to the restoration site for planting efforts. Additionally, restoration planting may extend along the coastline, including Dune C, where control measures have been previously implemented and bank stabilization is necessary.

Targeted areas for follow-up control will receive a low-volume foliar herbicide application, along with cut-stump treatments where necessary. Significant time is

expected to be dedicated to cutting and stump treating invasive species, particularly in portions of Field 5 and Field 7. These areas have recently been initiated and are heavily infested with large populations of Oriental bittersweet, glossy buckthorn, and honeysuckle, which were too tall to effectively treat with a foliar application. Given the steep slopes of Field 7 (which consists of a bunker) slope stabilization measures will need to be assessed. It is anticipated that seeding will be required in these areas to prevent erosion.

In collaboration with our long-time partners, RCCD is currently evaluating areas that require trail modifications or relocation to better support the enhancement and protection of the diverse coastal habitats in this region. RCCD is focused on determining suitable access options, with projected sea level rise (SLR) scenarios for 2050 serving as a primary factor in our decision-making process. At this stage, it is likely that two sections of the trail, which currently pass through sensitive dune habitats, will be permanently closed in the near future.

IV. Economic and Environmental Impact

This project is expected to generate both significant economic and environmental benefits, as has been well documented throughout our tenure at the park. It will enhance educational opportunities while simultaneously improving the park's aesthetic appeal. Additionally, the project will positively impact exemplary species and wildlife habitats, contribute to the protection of diverse coastal ecosystems, and strengthen the resilience of the coastline. Furthermore, it will safeguard existing investments in adjacent restored habitats by reducing the spread and availability of invasive seed sources.

For the past three years, RCCD has been documenting trail flooding along the Little Harbor shoreline due to high tides and storm surge events. When tides exceed 9 feet in height, at least one section of the existing trail regularly experiences flooding. This is not an isolated occurrence; since January 2024, there have been approximately 43 instances of such high tides. This data emphasizes the urgency of enhancing the resiliency of this area, as the need for action is now critical. In addition to the extensive environmental benefits, it is also important to consider the anticipated economic advantages. After 15 years of restoration efforts at the park, previously inaccessible areas can now be evaluated. With support from our partners, RCCD is positioned to plan and implement trail modifications, including relocation inland, to address the growing impacts of climate change. This work has the potential to significantly improve visitor experiences while simultaneously enhancing and safeguarding critical coastal and native habitats.

V. Accomplishment of Goals

- a. Continue to collaborate with key stakeholders, including NH Fish and Game, US Fish and Wildlife, NH DNCR, NH DES Wetlands Bureau and Coastal Program, NH Department of Agriculture, Markets and Foods, Seacoast Science Center, UNH Cooperative Extension, and UNH Sea Grant, to align our proposed restoration

objectives and trail modifications to be implemented at the Little Harbor shoreline area.

- b. Implement mechanical and chemical control measures for invasive plants using Integrated Pest Management (IPM) techniques, with at least two treatments during the growing season.
- c. Host hands-on workshops for at least three groups or organizations, and provide additional outreach through signage, social media, and regular restoration updates on the RCCD website.
- d. Complete seeding and native plantings (following careful IPM control techniques), with a focus on American beach grass (*Ammophila breviligulata*) and other native species, to help stabilize foredune systems.
- e. Conduct project evaluation with partners, secure necessary special permits, and complete final reporting activities.

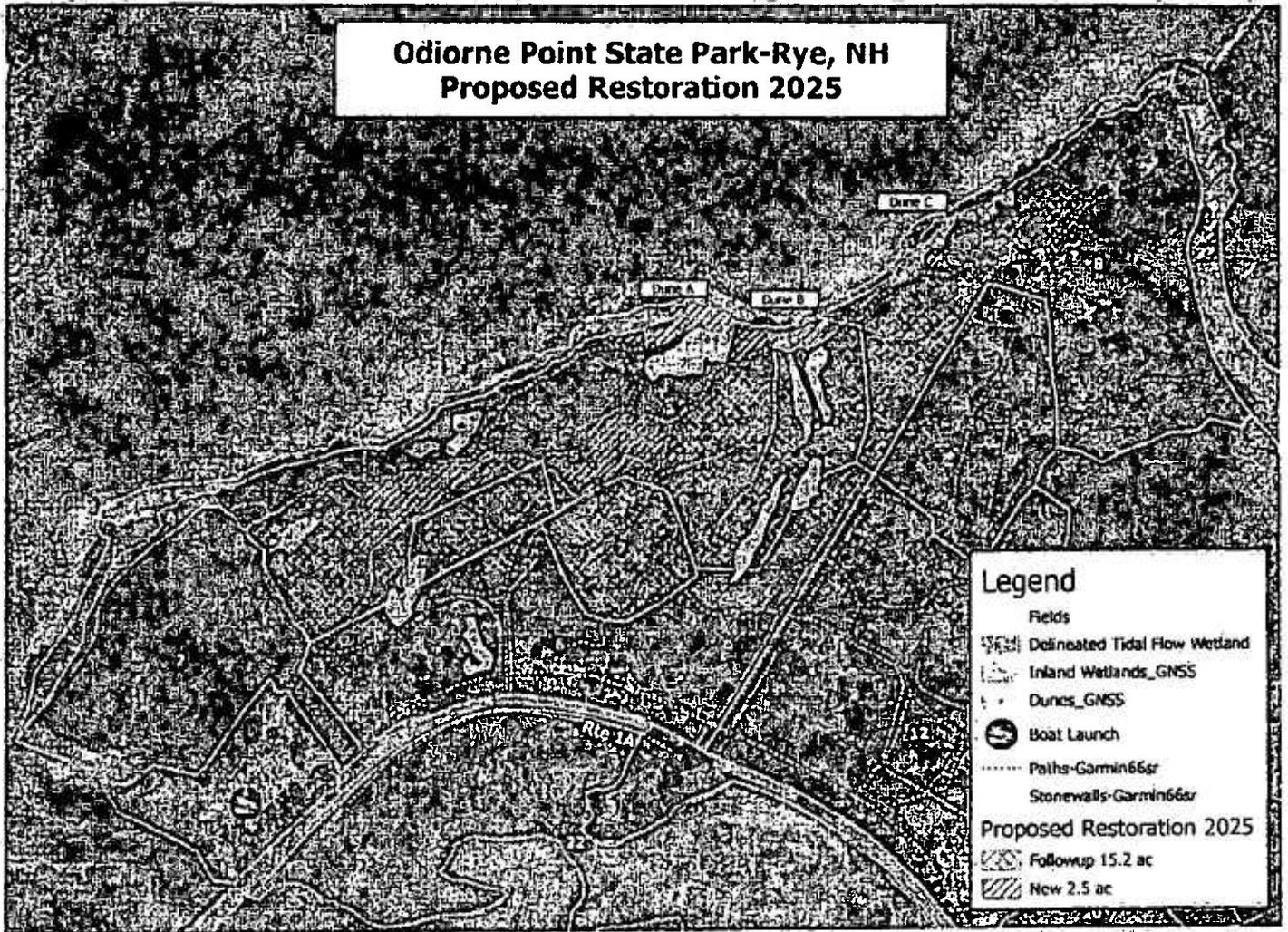
VI. Sampling Methods and Evaluation

Long term monitoring continues to be completed by comparing detailed baseline vegetation mapping with native vegetation as it becomes established. Additional baseline mapping was completed by the RCCD in 2014 as part of the 2010 Invasive Plant Management Plan Addendum, however, this section of the park was highly impenetrable. The RCCD in partnership with the NH DNCR also plans to continue to refine an Operations and Maintenance plan outlining the history of management activities, and recommended practices for each habitat type. RCCD has been working on restoration efforts with our partners throughout the park since 2009, with the expectation that we will be involved for several more years as we attempt to restore and stabilize all the native habitats found within the park.

VII. Sharing of Results

The informational brochure, developed with assistance from the NH DAMF through the 2019 IPM grant, provides park users with details about our work and the principles of Integrated Pest Management (IPM). This brochure will continue to be distributed at outreach events. RCCD is also being invited to deliver multiple presentations to professional groups and town boards, including updates on the work outlined in this application. Recent presentations at Odiorne Point State Park included the SMARTteams training workshop in October 2023. Additionally, we held an outreach event with the Peaks Island Land Preserve Board, where we provided a comprehensive review of our long-term IPM projects. The Board expressed strong interest in implementing a similar program on the conservation properties they manage. Another upcoming outreach opportunity will be a tour and workshop at the New England Leadership Meeting (NELM) to be held at Odiorne in March 2025. Further outreach activities are currently being planned for 2025. Our work, both from this proposed project and past IPM efforts, is routinely shared as part of these presentations. We also conduct tours for school groups and other visitors, including volunteer groups, to demonstrate the positive impacts of their contributions. Many of these groups are deeply invested in the restoration efforts at Odiorne and return year after year to support our habitat restoration goals.

Odiorne Point State Park-Rye, NH Proposed Restoration 2025



Legend

- Fields
- Delineated Tidal Flow Wetland
- Inland Wetlands_GNSS
- Dunes_GNSS
- Boat Launch
- Paths-Garmin66sr
- Stonewalls-Garmin66sr

Proposed Restoration 2025

- Followup 15.2 ac
- New 2.5 ac

0 100 200 400 600 US Feet



Map compiled by RCCD November, 2024

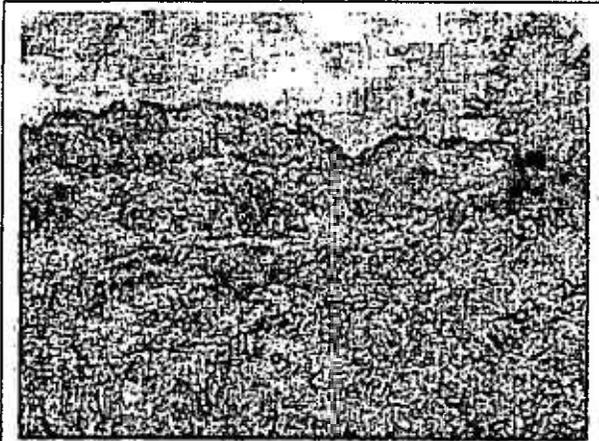


Photo 1. View of Dune B facing southeast. 7/15/2024

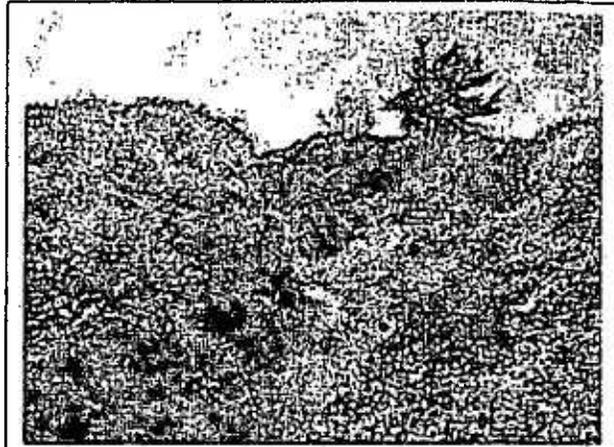


Photo 2. Existing trail through Dune B facing southeast. 5/23/2023

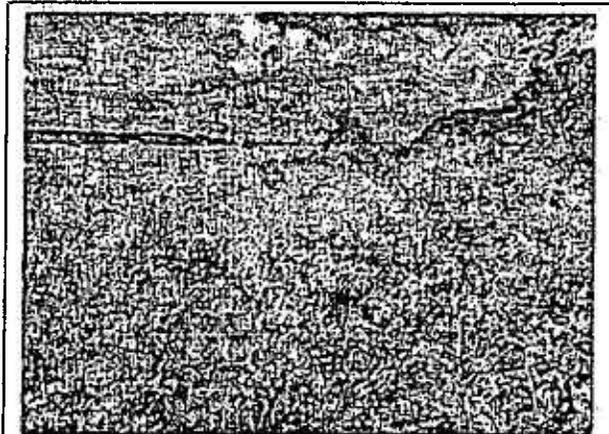


Photo 3. View of Dune A facing northeast. 9/29/2022

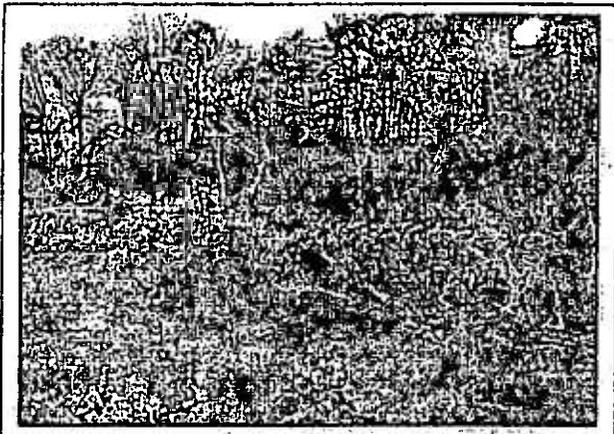


Photo 4. View of eroded section of Dune A and exposed Oriental bittersweet roots. 12/24/2022

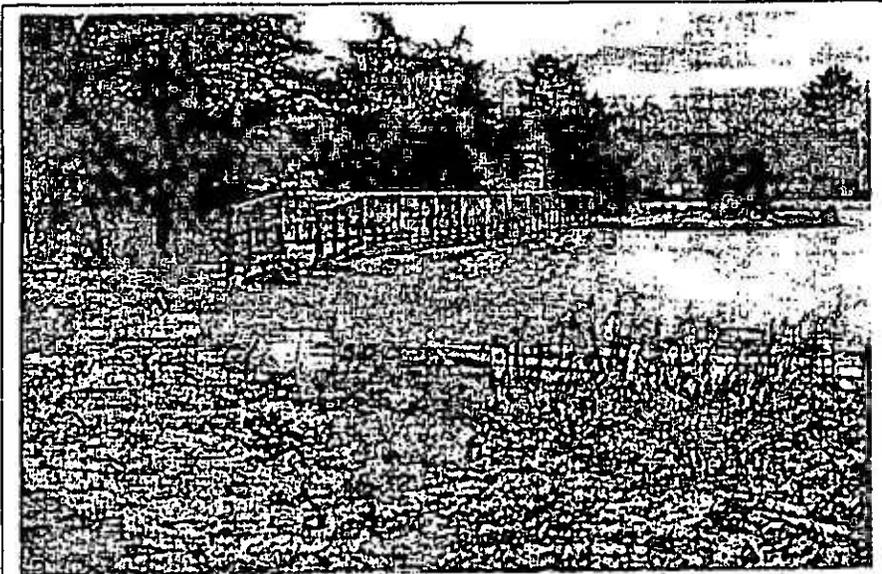


Photo 5. Coastal trail flooding facing boat launch board walk. 11/16/2024.

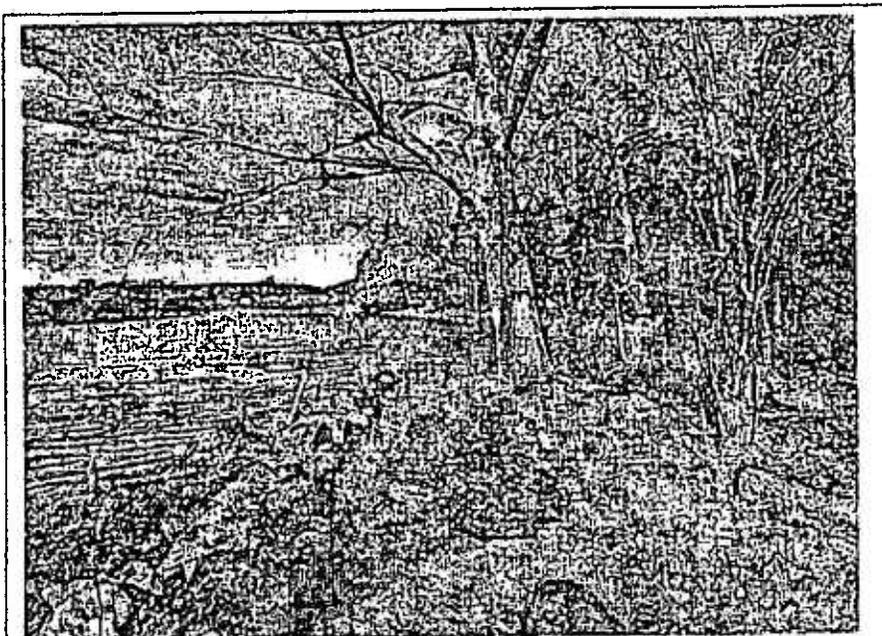


Photo 6. Coastal trail flooding facing northwest along trail. 11/16/2024



Photo 7. New signage installed at the park in 2024.