CAPE COD COMMISSION

Barnstable County
FY27 License Plate Grant Application Submission

Barnstable Land Trust, Inc.

CONTACT INFORMATION

Organization Name: Barnstable Land Trust, Inc.
Location: 1540 Main Street, West Barnstable, MA 02668
Project Manager Name: Kelly Grant
Project Manager Title: Director of Land Conservation
Project Manager Email: kgrant@blt.org

PROJECT INFORMATION

Name of Project: Woodland Bog Ecological Restoration Feasibility Study

Brief Project Description:
Barnstable Land Trust (BLT) seeks $25,000 in grant funding in support of a Feasibility Study for the ecological restoration of the 25.7-acre retired cranberry bog at 301 Parker Road in West Barnstable. The recently retired bogs are connected via Bridge Creek to the Barnstable Great Marsh, and Barnstable Harbor—making it a critical landscape for water quality, habitat restoration, and climate resilience. The Feasibility Study will evaluate ecological restoration alternatives, hydrologic reconnection opportunities, habitat enhancement, public access improvements, and the development of a trail system and parking area to support community recreation and environmental education.

How does the project advance one or more 2024 Cape Cod CEDS Key Actions?
This project advances several Key Actions of the 2024 CEDS, particularly those related to:
Key Action: Strengthen and Restore Natural Systems to Support Economic Resilience

- The feasibility study directly supports regional climate adaptation and ecological restoration goals.
- Restoring the Woodland Bog will improve water quality, enhance flood resilience, and protect downstream estuarine resources that underpin the region's blue economy.

Key Action: Expand Outdoor Recreation and Nature-Based Tourism

- The project includes planning for walking trails, public parking, and a trailhead, expanding recreational access in West Barnstable.
- Enhanced public access supports local businesses, tourism, and community well being.

Key Action: Support Sustainable Land Use and Infrastructure

- Restoration of a retired cranberry bog aligns with regional priorities for repurposing former agricultural lands for ecological and public benefit.

What economic development needs/priorities will this project address?
The Woodland Bog Feasibility Study addresses several regional needs:

- Water Quality Improvement: The bog drains to Bridge Creek and Barnstable Harbor, both economically vital water bodies supporting shellfishing, recreation, and tourism.
- Climate Resilience: Restoring natural hydrology increases flood storage capacity and reduces climate related risks to nearby neighborhoods and infrastructure.
- Outdoor Recreation Infrastructure: The project expands trail networks and public access in West Barnstable, meeting growing demand for nature based recreation.
- Environmental Education: The site offers opportunities for interpretive signage, school programs, and community engagement.

What is the anticipated impact of this project on these economic development needs/priorities? How will this project support Cape Cod's economic resiliency?
The feasibility study will lay the groundwork for a restoration project that will:

- Enhance the region's blue economy by improving water quality in Barnstable Harbor and the Great Marsh.
- Increase tourism and local spending by expanding trail networks and nature based recreation opportunities.
- Support long term climate resilience through hydrologic restoration and improved stormwater retention.
- Strengthen community health and quality of life by providing new outdoor spaces for walking, birdwatching, and environmental learning.
- Catalyze future investment by producing engineering, ecological, and permitting analyses needed to secure state, federal, and philanthropic funding for implementation.

Are there any anticipated challenges to implementing the project within the required timeframe of the grant award?

There are no anticipated challenges to completing the Woodland Bog Feasibility Study within one year of the grant contract. Similar projects typically take six to nine months to complete.

Would the funding be used to support a grant program? Yes / No
No

Which municipality or municipalities are supportive of this project? (Optional)
Town of Barnstable

SCOPE OF WORK AND TIMELINE

Task 1

Description: Task 1 – Project Initiation & Data Compilation. Assemble existing data, maps, hydrologic information, and prior studies. Conduct kickoff meeting with BLT and partners.
Deliverable: Project work plan, compiled GIS data, baseline conditions summary.
Estimated Completion Date: January 2027

Task 2

Description: Task 2 – Hydrologic & Ecological Field Assessment. Survey site hydrology, water flow paths, culverts, ditches, and groundwater interactions. Conduct ecological assessments of vegetation, wildlife habitat, and wetland resources.
Deliverable: Field assessment report, hydrologic mapping, ecological inventory.
Estimated Completion Date: March 2027

Task 3

Description: Engineering Analysis of Restoration Alternatives. Develop conceptual restoration alternatives, including ditch filling, berm removal, stream channel reconstruction, pond reconnection, and wetland restoration.
Deliverable: Conceptual engineering alternatives memo, cost estimates, feasibility matrix.
Estimated Completion Date: May 2027

Task 4

Description: Public Access & Trail Planning. Identify trail routes, parking locations, ADA access opportunities, and interpretive signage concepts.
Deliverable: Trail concept plan, parking layout, access recommendations.
Estimated Completion Date: June 2027

Task 5:

Description: Regulatory & Permitting Review. Identify applicable local, state, and federal permits, including Conservation Commission, MEPA, Army Corps, and Natural Heritage.
Deliverable: Permitting pathway memo, regulatory constraints summary.
Estimated Completion Date: June 2027

Task 6:

Description: Stakeholder Engagement. Conduct meetings with neighbors, municipal departments, and community groups.
Deliverable: Stakeholder meeting notes, community feedback summary.
Estimated Completion Date: July 2027

Task 7:

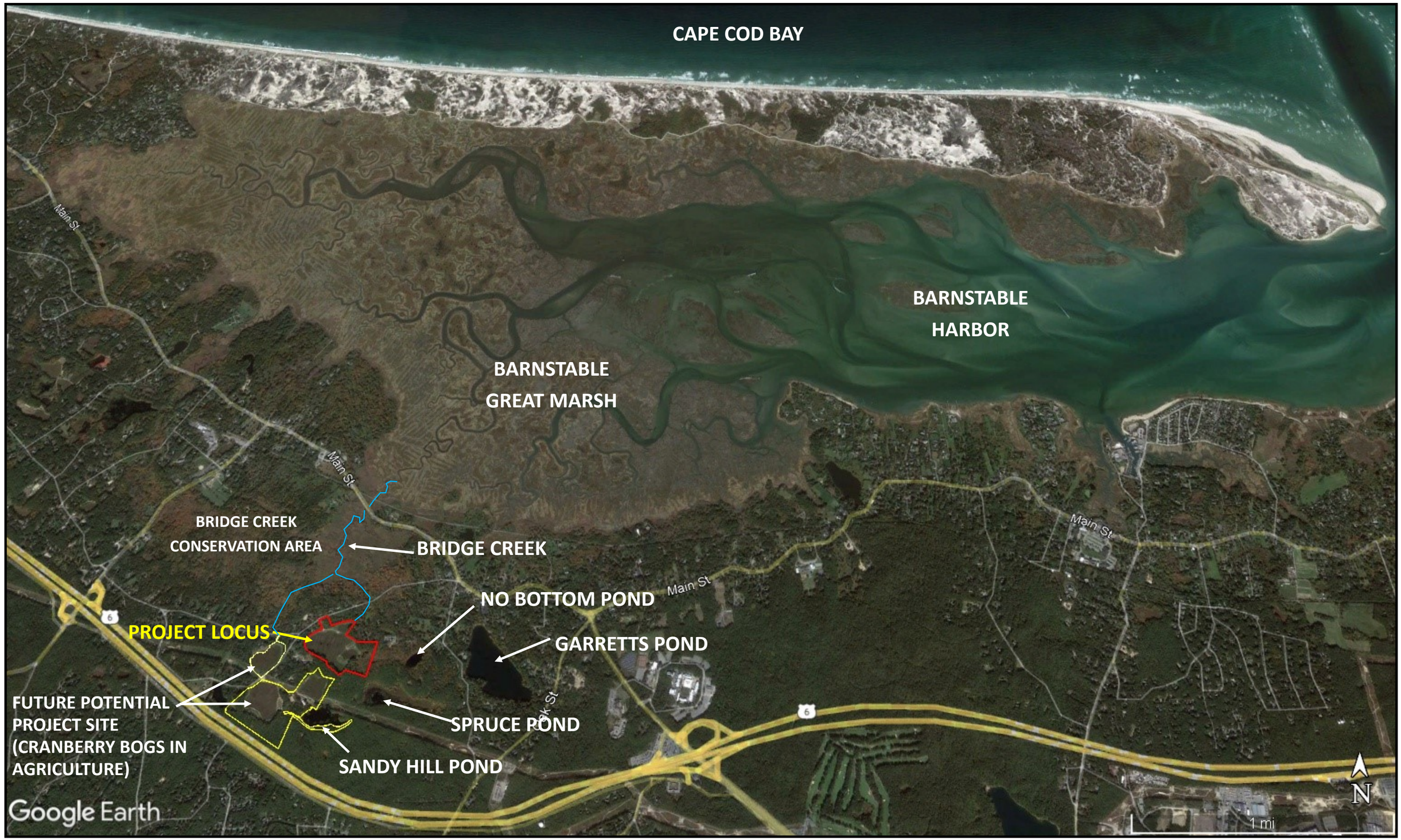
Description: Final Feasibility Report. Produce a comprehensive report summarizing findings, preferred restoration alternative, cost estimates, public access plan, and next steps.
Deliverable: Final feasibility study report, presentation to BLT.
Estimated Completion Date: August 2027

PROJECT PARTNERS

Project Partner 1:

Name: Zee Crocker - Barnstable Clean Water Coalition
Title: Executive Director
Email: zcrocker@bcleanwater.org
Role/Description: Barnstable Clean Water Coalition has committed $25,000 toward the project, recognizing the important synergies between our organizations and because of the projects significant potential to improve water quality, restore natural hydrology, and enhance ecological resilience of the Barnstable Harbor watershed.

WOODLAND BOGS ECO-RESTORATION PROJECT - PROJECT LOCUS - 301 PARKER ROAD, WEST BARNSTABLE, MA



FY27 LICENSE PLATE GRANT APPLICATION BUDGET

Woodland Bog Feasibility Study

Please upload this sheet as a PDF as part of your application.

Please fill in all budget categories relevant for your proposed project, including a brief description of the funds requested. The total amount requested should equal the total amount noted in the scope of work. All project expenses are provided on a reimbursement basis.

Category	Amount Requested	Match Amount (optional)	Total Project Cost	Budget Narrative
Personnel/Labor from Staffing Plan)		$5,660	$5,660	Per Staffing Plan
Fringe Benefits (from Staffing Plan)				
Travel				
Equipment				
Supplies				
Contractual/Consulting	$25,000	$35,000-$45,000	$60,000 - $70,000	Cost reflects typical ecological restoration feasibility work for retired cranberry bogs, including hydrologic assessment, engineering analysis, public access planning, and stakeholder engagement.
Small Grants Program				
Other				
Total Direct Cost	$25,000	$40,660-$50,660	$65,660-$75,660	Match funding includes $25,000 from Barnstable Clean Water Coalition and $10,000-$20,000 in private fundraising (pending)
Indirect Costs*				
Total	$25,000	$40,660-$50,660	$65,660-$75,660	

*Maximum of 15% of project direct cost unless the project applicant has a Negotiated Indirect Cost Rate Agreement.

FY27 LICENSE PLATE GRANT APPLICATION STAFFING PLAN

Woodland Bog Feasibility Study

Please upload this sheet as a PDF as part of your application.

For each individual participating in this project, please share their name, title, and associated hourly rate, number of hours. In addition, please list the tasks that each staff member/volunteer will participate in. The staffing plan should be uploaded at the end of the application.

Staff Name and Title	Hourly Rate	Number of Hours	Total Project Cost	Amount Requested	Match Amount
Janet Milkman, Executive Director	$81.00	20	$1,620.00	$0	$1,620.00
Kelly Grant, Director of Land Conservation	$54.00	60	$3,240.00	$0	$3,240.00
Kelly Barber, Director of Land Stewardship	$40.00	20	$800.00	$0	$800.00
Total Personnel			$5,660.00	$0	$5,660.00
Fringe (enter fringe rate as percent):					
TOTAL:			$5,660.00	$0.00	$5,660.00

Staff Name and Title	Tasks/Responsibilities
Janet Milkman, Executive Director	The Executive Director will provide high-level oversight, ensuring alignment with BLT's mission, strategic priorities, and long-term restoration goals. The Executive Director will also support partner coordination and review major deliverables.
Kelly Grant, Director of Land Conservation	Will serve as the Project Manager, responsible for overall coordination, partner engagement, grant management and administration, consultant oversight, timeline management, and reporting. Kelly brings extensive experience in land conservation, project development, and multi stakeholder collaboration, ensuring strong leadership throughout the feasibility study.
Kelly Barber, Director of Land Stewardship	Will support field coordination, site access, ecological data collection logistics, and review of restoration alternatives.

Town of Barnstable

Planning & Development Department

www.townofbarnstable.us/planninganddevelopment

August 21, 2026

RE: FY27 Barnstable County License Plate Grant Program

To Whom It May Concern:

The Town of Barnstable Planning & Development Department is pleased to provide this letter of statement for Barnstable Land Trust's application to the FY27 Barnstable County License Plate Grant Program for the Woodland Bog Ecological Restoration Feasibility Study.

The Town worked with BLT in the acquisition of the Woodland Bog property, providing Community Preservation Act (CPA) funds to ensure permanent protection of this ecologically significant landscape. The Town continues to support BLT's stewardship and restoration efforts, which align closely with municipal goals related to water quality improvement, climate resilience, habitat restoration, and expansion of outdoor recreation opportunities.

The feasibility study will help determine the most effective restoration strategies for this retired cranberry bog, which is hydrologically connected to Bridge Creek, the Barnstable Great Marsh, and Barnstable Harbor. Restoring natural hydrology and ecological function at this site will advance Town priorities for watershed protection, nature-based climate adaptation, and enhancement of Cape wide, free public access to conservation lands and trails. We aim to incorporate student involvement with trail creation as part of the scope; this aims to align the CEDS mission of both water quality and student technical training in conservation and construction.

BLT has a strong record of managing complex conservation projects, and the Town looks forward to seeing this restoration initiative move forward.

We respectfully encourage the County to support this important project.

Sincerely,

Jim Kupfer,
Director, Planning & Development

367 Main Street, Hyannis, MA 02601 (o) 508-862-4678 (f) 508-862-4782

Barnstable Clean Water Coalition

August 21, 2026

Barnstable County License Plate Grant Program Reviewer
Barnstable County Economic Development Council
P.O. Box 226
Barnstable, MA 02630

RE: Support for the Barnstable Land Trust (BLT) Woodland Bog Feasibility Study Application

Dear Reviewer,

On behalf of Barnstable Clean Water Coalition (BCWC), I am writing this letter in support of the Barnstable Land Trust's application to the FY27 Barnstable County License Plate Grant Program for funding to complete a feasibility study for the ecological restoration of their Woodland Bog property in West Barnstable.

BCWC works to restore and preserve clean water in Barnstable, deploying science as its foundation to monitor, mitigate, educate and advocate for clean water. Protecting and restoring wetlands is a cornerstone of our clean water efforts and we recognize the important synergies between our two organizations. BCWC has committed $25,000 toward this project because of its significant potential to improve water quality, restore natural hydrology, and enhance ecological resilience of the Barnstable Harbor watershed.

The Woodland Bog property feasibility study will provide the technical foundation needed to pursue future restoration funding and implement meaningful improvements to water quality, habitat, and public access. The Cape's waters are in trouble from excess nutrient pollution. We all need to work together to protect our local waters and open spaces for future generations.

I strongly urge the County to support this project and help advance a restoration effort that will benefit the environment, the community, and the regional economy.

Sincerely,

Zenas Crocker
Executive Director
zcrocker@bcleanwater.org