

RFP for Phragmites removal at Mattanock Town, 1001 Pembroke Ave, Suffolk, VA.

CBF seeks estimates to complete the following tasks for Phragmites removal adjacent to a living shoreline project located at 1001 Pembroke Ave., Suffolk, VA.

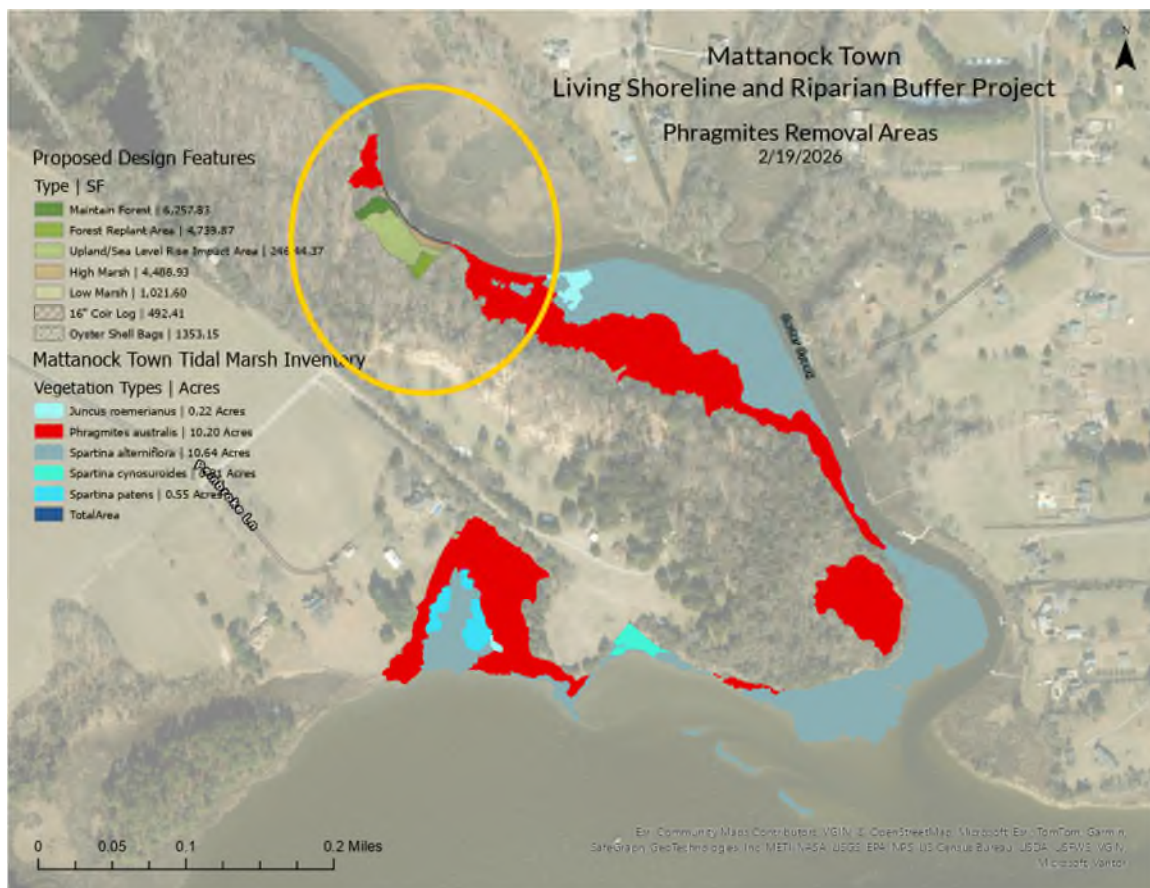
- Task 1: Obtain the necessary permits.
- Task 2: Multi-Year Treatment/Removal
- Task 3: Monitoring

Proposed Scope of Work

Task 1: Obtain the necessary permits.

- Coordinate with the necessary permitting agent, including but not limited to the City of Suffolk Wetland Board, Virginia Marine Resources Commission, Army Corps of Engineers, and Department of Environmental Quality.
- Apply for and secure a permit for the whole 10.20 acres of Phragmites present on the property.

Task 2: Multi-Year treatment/removal of roughly three acres on either side and within the upcoming shoreline project footprint. See the area circled on the map below.



Quotes should include:

- 1 prescribed burn and 5 herbicide applications over the next 3 years.
- Use of large equipment is prohibited.
 - Using handheld tools like shovels is an acceptable method for removing plants, provided that the remaining Phragmites stand consists of fewer than one plant per 20 to 30 square feet. Additionally, the holes left after removal must be filled with Vulcan Tri-City Blend sand to match the original elevation.
- Must follow these water contamination preventive methods when applying herbicide:
 - Use aquatic-labeled herbicides only.
 - Prevent drift and runoff:
 - Use hand-held sprayers only.
 - Ensure sprayers are calibrated to prevent over-spraying.
 - Create buffer zones and setbacks from the water's edge.
 - Do not leave cut stems in the water
 - Use an aquatic-friendly, brightly-colored dye in the herbicide mixture to track coverage and prevent accidental double-spraying.
- The shoreline project will be installed in the spring of 2028. The final herbicide application must not contaminate any of the newly planted vegetation along the shoreline.

Task 3: Provide yearly monitoring reports each year during the application period and one year after the last herbicide application, showing the treatment's effectiveness. The performance requirement will be >90% removal by the end of treatment.

- Things that should be included but not limited to in the report:
 - Phragmites control efficacy:
 - Measure reduction in live stem coverage and density compared to pre-treatment levels.
 - Evaluate the percentage of dead Phragmites vs. living stems, particularly looking for “witches' broom” resprouting, which indicates incomplete kill.
 - Assess if the below ground biomass is actually dead.
 - Ecological recovery:
 - Monitor the return and diversity of native species post-removal.
 - Water level/hydrology:
 - Track changes in soil moisture and hydrology.
- Monitoring could be done using any of these methods:
 - Photo Monitoring
 - Transects
 - Drone/Remote sensing

Timeline:

- Spring 2026: Prescribed Burn
- Summer 2026: 1st herbicide application
- Fall 2026: 2nd herbicide application

- Spring 2027: possible burn if fuel load is present
- Spring/Summer 2027: 3rd herbicide application
- Fall 2027: 4th herbicide application
- Fall 2028: 5th herbicide application

To bid, please provide an itemized budget. Quotes are due by midnight on May 17, 2026. Please submit quotes to eronston@cbf.org. For questions about the project, please contact Kati Grigsby at kgrigsby@cbf.org.

Additionally, all contractors must be able to obtain the following insurance coverage to be eligible for consideration:

- Commercial General Liability, minimum \$1,000,000
- Business Auto, minimum \$1,000,000
- Workers Comp coverage
- CBF named as additional insured
- Certificate Holder field must read:
Chesapeake Bay Foundation
6 Herndon Avenue
Annapolis, MD, 21403

And all contractors must provide a copy of the commercial herbicide application license.