

NORTH GRAYS BOG WETLAND RESTORATION



DESCRIPTION

PHOTOS

● Pasadena, Anne Arundel County, MD

BayLand provided planning, permitting, design, construction management, grant acquisition and agency / community coordination for the restoration of a rare and globally significant (G4) stream, wetland and tidal marsh complex at the head of Grays Creek off the Magothy River. The marsh was cut off from tidal waters by a 200 linear feet (LF) abandoned sediment trap berm.

All restoration work was completed on-time and within budget allowing the full grant request to be secured. The site has been functional and thriving over the years, enduring several coastal storms.

Restoration Highlights:

- 2 acres phragmites eradication
- 2 acres of bog habitat creation
- Open water
- Sand hummocks
- Cranberry terraces
- Tidal marsh - sea level fen
- Forested wetlands
- Emergent marsh
- 2,400 native plants
- 1,200 LF stream daylighting and stream corridor restoration



● Client | Anne Arundel County Department of Public Works

Engineer | BayLand

Subconsultants | Underwood & Associates

Completed | 2015

Construction Cost | \$550,000

