

ShoreWatch Screenshot

Portion of Ryan Resilience Lab Living Shoreline



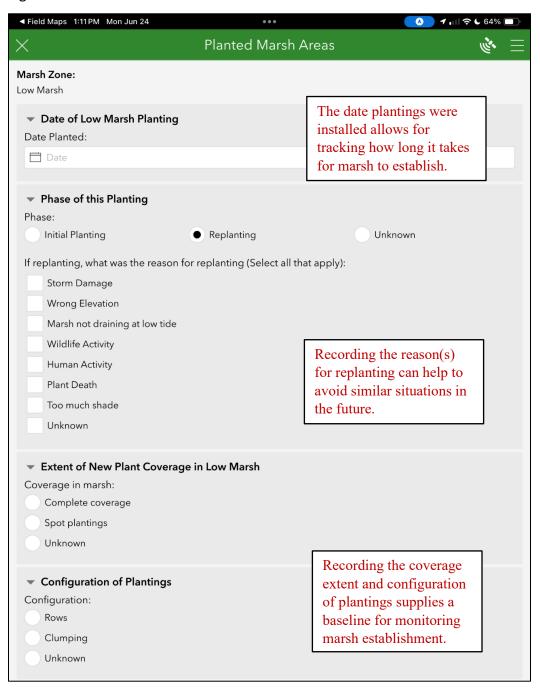
- Rock Sill
- Low Marsh Planted Area
- High Marsh Planted Area

- Transect Plot Points
- Low Marsh Zone
- High Marsh Zone



ShoreWatch data form for Low Marsh Planted Area

Data for Planted Marsh Areas includes the date, configuration, phase (initial or replanting) and planted species. The same form, with alternate species types, is used for high marsh planted areas. Multiple forms can be submitted for initial plantings and any re-plantings to capture information on why the initial plantings were not sufficient.



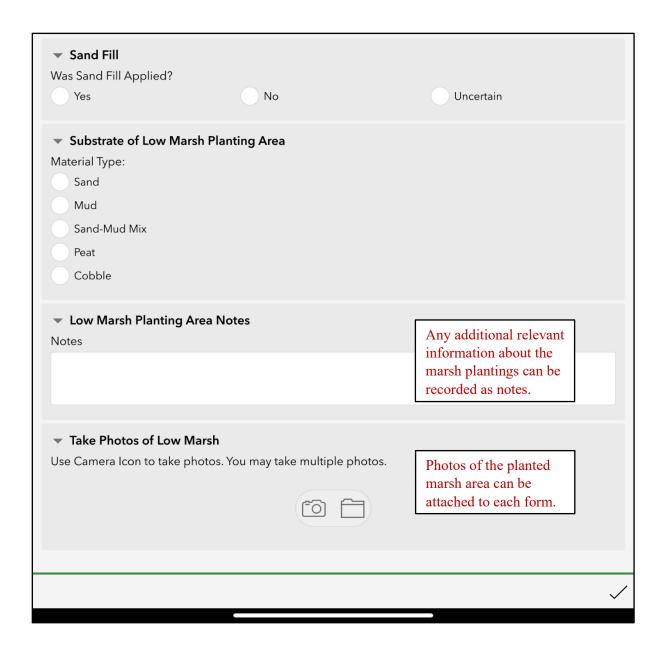


ShoreWatch data form for Low Marsh Planted Area (cont.)

▼ Who planted the Low Marsh?	
Planting Labor (Select all that apply):	
Volunteers	Knowing who did the
Professionals	planting might help
Property Owner	explain variable
Unknown	establishment patterns.
Other	
▼ Source of Plantings	
Where were the plantings sourced? (Select all that apply)	
Nursery stock	
Transplants	
Self-Propagated	
Seed Banks	
Unknown	
▼ Species Planted in Low Marsh	
Species Planted (Select all that apply):	
Saltmarsh cordgrass (Spartina Alterniflora)	
Black Needlerush (Juncus romerianus)	
Big cordgrass (Spartina cynosuroides)	Recording the species
Saltmeadow hay (Spartina patens)	planted supplies a baseline for monitoring
Salt grass (Distichlis spicata)	species diversity in the marsh zone.
Sea lavender (Limonium carolinianum)	
Saltmarsh aster (Symphyotrichum tenuifolium)	
Glasswort (Salicornia)	
Saltmarsh bulrush (Bolboschoenus robustus)	
Other	



ShoreWatch data form for Low Marsh Planted Area (cont.)

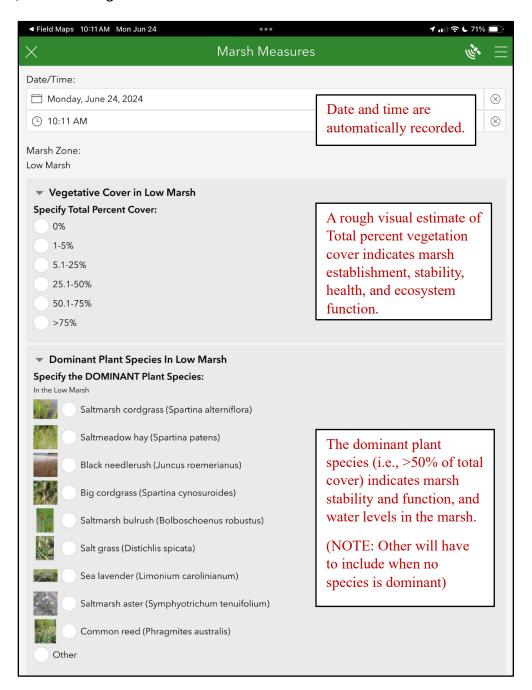


Details of the marsh planted area plan can be found in the Joint Permit Application (JPA) for the Living Shoreline project, which can be consulted if the person performing the monitoring is unfamiliar with the specifics of the project. Joint Permit Applications, and additional project documentation, can be found on the Virginia Marine Resources Commission (VMRC) website.



ShoreWatch data form for Low Marsh Vegetation Zone

By tracking marsh vegetation zone characteristics, shifts in marsh structure and function can be documented. Data for marsh vegetation zone characteristics include total percent vegetative cover, dominant plant species, and presence of Phragmites in the marsh zone. The same form, with alternate species types, is used for high marsh zones.





ShoreWatch data form for Low Marsh Vegetation Zone (cont.)

