

# CASCO BAY MONITORING NETWORK

Habitats – Salt Marsh

Online

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# 2019 Assessment & Monitoring

Site	Town	Surf. Water Hydro/sal.	Veg comm.	Channel	Marsh surface	Soil salinity	Inv. Phrag.
Small Pt Marsh	Phippsburg	2 units, 12 weeks	~60 plots	LP, 6 cross sections	6 transects	15 wells X 3 samples	
Thomas Bay Marsh	Brunswick	2 units, 7+ weeks		LP, 6 cross sections			
Appletree Marsh	Harpswell		~100 plots	LP, 10 cross sections		12 wells X 5 samples	X
Mill Creek	Falmouth	3 units, 3+ weeks					
Cousins River	Freeport	1 unit, 10 weeks					
Long Marsh	Harpswell					12 wells X 3 samples	X
Back River	Woolwich	2 cond. units, 7+ weeks					

# 2020 Assessment & Monitoring



- Living shorelines demonstrations, Brunswick
  - ▣ Pre (spring), as built, post (fall)
  - ▣ Maquoit Bay CL; Wharton
- Small Point Marsh, Phippsburg
- Other work TBD depending on “essential”



# Fit with monitoring plan models



- Coastal habitat; potential to build upon existing salt marsh program
  - Stressors
    - Human impacts
    - Climate response
    - Invasive *Phragmites*
  - Status
    - Health / sentinel sites
    - Sea level impacts
  - Response
    - Species / SGCNs