



Overview

- MPA is supporting a feasibility study evaluating possible options for demonstration of large scale marsh restoration
- Goal of study – Identify and design a demonstration project to be as representative of large scale marsh restoration as possible
- Groups being formed to provide study guidance
- A federal project will likely be required with MPA as the local sponsor



Groups

- **Demonstration Strategy Group** – Provide study guidance
- **Dorchester County Citizens' Advisory Group (DCCAG)** – Participate in identification and selection of possible sites and demonstration project alternatives
- **Technical Advisory Group** – Provides technical assistance to DCCAG



Large Scale Restoration Assumptions to be Studied

- Material source – Bay Channels
- Placement Method – hydraulic via pipeline
- Containment – will be required, minimalist approach
- Location – majority placed in Blackwater Lake, redistributed as necessary
- Marsh Design – match existing local marsh



Demonstration Fill Material Source

- Must be representative of material from Bay Channels
- Poplar Island identified as recommended source by Demonstration Strategy Group



Demonstration Site Selection

- 3 Zones identified
- FWS identified 12 sites
- FWS tested depths of water and soft foundation thickness



335

1

341

Blackwater National Wildlife Refuge Visitor Center

Fish & Wildlife Services Headquarters

Key Wallace Drive

Greenfield Road

Wallace Drive

Church Creek-Golden Hill Road

1

2

3

5

4

7

8

6

Blackwater Lake

341

2

Apple State Road

9

10

341

3

Apple State Road

12

11

Shortens Wharf Bridge

6000'

336



Site Ranking Matrix

- Ranks each site on scale of poor-excellent in six categories
 - Water depths
 - Foundation
 - Exposure
 - Applicability of environment
 - Public access
 - Supporting infrastructure



Site Selection

- Demonstration Strategy Group established matrix values
 - Recommended sites 1, 2, & 6 as preferred sites



Next Steps

- Form and meet with Dorchester County Citizens Advisory Group
- Select site
- Design Demonstration Project