

## Region 3 Regional Planning Team Meeting

Date: Feb. 27, 2002

Place: Morgan City Municipal Auditorium

Meeting Attendees: 49

### TERREBONNE BASIN

Areas nominated and rationale for nominating:

North Bully Camp - land loss, protect Lafourche ridge, synergy with Terrebonne complex project

Avoca Island - land building opportunity, improve submerged aquatics

Isles Dernieres - land loss

Houma Navigation Canal East - saltwater intrusion

North of Lake Boudreaux - saltwater intrusion

Land Bridge between Bayous Terrebonne and Point au Chien - restore ridge function

West of Leeville - existing land loss, restore ridge function

Calumet/Casse Tete Barrier Islands - shoreline erosion

East of Lower Atchafalaya River - land loss

North Lake Pelto - land loss

South Fohs Canal - land loss

Northeast Fourleague Bay - land loss

Areas selected:

(consensus was used to narrow the field to 5; then voting was required to reduce the number to 3)

North Bully Camp

Avoca Island

Isles Dernieres

Strategies Suggested for Selected Areas

(due to time constraints strategies were not identified, discussed, or approved by the team)

North Bully Camp Strategies (11)

Regional - 7. marsh creation

9. hydrologic restoration

10. protect ridge function

Coastwide - marsh creation

vegetative plantings

protect ridge function

terracing

Mapping Unit (N. Bully Camp Marsh)

4. protect ridge function

5. protect bay/lake shorelines
6. marsh creation
7. hurricane and flood protection(maintain levee berm marshes)

#### Avoca Island Strategies(7)

- Regional - 2. increase deltaic land building where feasible
- 4. enhance Atchafalaya River influence to Terrebonne Basin marshes
- Coastwide - restore ridge function
- diversions and riverine discharge
- diversion outfall management
- Mapping Unit (Avoca)
- 38. establish/protect ridge function
- 40. beneficial use of dredged material

#### Isles Dernieres Strategies(11)

- Regional - 7. marsh creation
- 11. maintain shoreline integrity
- 13. restore/maintain barrier islands
- Coastwide - marsh creation
- maintain shoreline integrity
- vegetative plantings
- restore ridge function
- offshore and riverine sand and sediment resources
- Mapping Unit (Isles Dernieres Shoreline)
- 33. protect bay/gulf shorelines
- 34. beneficial use of dredged material

### ATCHAFALAYA BASIN

Areas nominated and rationale for nominating:

(both were accepted by consensus)

Bayou Sale Ridge - loss of ridge function, shoreline erosion

Pt. au Fer to Eugene Island - shoreline erosion, loss of historic hydrologic conditions

Strategies Suggested for Selected Areas

(these strategies were approved by the team by consensus)

#### Bayou Sale Ridge Strategies(9)

- Regional - 7. marsh creation
- 10. protect, restore, and maintain ridge function
- 11. maintain shoreline integrity
- Coastwide - marsh creation
- maintain bay shoreline integrity
- vegetative plantings

- maintain, protect, or restore ridge functions
- Mapping Unit (East Cote Blanche Bay/ Wax Lake Wetlands)
  - 73., 60. protect bay shorelines
  - 74., 61. beneficial use of dredged material (marsh creation)

Pt. au Fer to Eugene Island Strategies(10)

- Regional -
  - 2. increase deltaic land building where feasible
  - 7. marsh creation
  - 9. hydrologic restoration
  - 13. restore and maintain barrier islands
  - 17. reef building south of Pt. Chevreuil
- Coastwide -
  - marsh creation
  - vegetative plantings
  - maintain gulf/bay shoreline integrity
- Mapping Unit (Atchaf. Subdelta/Pt. Au Fer)
  - 54., 57. beneficial use of dredged material
  - 55., 56. protect bay/gulf shorelines

TECHE/VERMILION BASIN

Areas nominated and rationale for nominating:

Shark Island - shoreline erosion

Southwest Pass - bank and shoreline erosion, altered hydrology, lost ridge function

Toms Bayou - marsh loss, altered hydrology, shoreline erosion

Marsh Northeast of Avery Island - marsh loss due to tidal scour

Acadiana Bays(primarily Pt. Chevreuil reef) - saltwater fishery degradation due to Atchaf. influ.)

Areas selected:

(voting was required to reduce the number to 3)

Shark Island

Southwest Pass

Toms Bayou

Strategies Suggested for Selected Areas

(these strategies were approved by the team by consensus)

Shark Island Strategies(8)

- Regional -
  - 7. marsh creation
  - 11. maintain bay shoreline
  - 12. construct interior islands/reefs to protect shoreline
- Coastwide -
  - vegetative plantings
  - marsh creation
  - maintain bay shoreline integrity

Mapping Unit (Vermilion Bay Marsh/Vermilion Bay)

- 84. protect bay shorelines
- 85. beneficial use of dredged material

Southwest Pass Strategies(13)

- Regional - 6. stabilize banks/cross sections of navigation channels for hydrologic restoration
- 7. marsh creation
- 9. hydrologic restoration
- 10. protect, restore, and maintain ridge function
- 11. maintain shoreline integrity
- 12. construct interior islands or reefs to protect shorelines and/or restore

hydrology

- Coastwide - marsh creation
- vegetative plantings
- maintain, protect, and restore ridge functions

Mapping Unit (Rainey Marsh/Marsh Island/Vermillion Bay)

- 64., 69., 86. protect bay/gulf shorelines
- 65., 71., 87. beneficial use of dredged material
- 66., 68. stabilize banks of navigation channels to restore hydrology of area marshes
- 67. establish/protect ridge function

Toms Bayou Strategies(11)

- Regional - 7. marsh creation
- 9. hydrologic restoration
- 10. protect, restore, and maintain ridge function
- 11. maintain shoreline integrity and stabilize critical shoreline areas

- Coastwide - marsh creation
- vegetative plantings
- terracing
- maintain shoreline integrity
- maintain, protect, or restore ridge functions

Mapping Unit (Rainey Marsh)

- 67. establish/protect ridge function
- 69. protect bay/lake/gulf shorelines