

DNR/SCS/SWCC MULTI-YEAR VEGETATIVE PLANTING PROGRAM
(DNR Interagency Agreement No. 25030-94-04)

1994 Monitoring Reports

INTRODUCTION

This monitoring report is being done in compliance with the Department of Natural Resources (DNR), Interagency Agreement No. 25030-94-04, between the Louisiana Department of Natural Resources (DNR) and the Department of Agriculture and Forestry, Office of Soil and Water (SWCC).

A total of 17 Vegetative Planting Projects were completed in 1994. This report consist of the 30-60 day monitorings of these plantings.

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BOGUE CHITTO-PEARL RIVER DISTRICT

Task 1: '94 Goose Point

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 1

DISTRICT: Bogue Chitto-Pearl River SWCD

PROJECT: '94 Goose Point

PROJECT LOCATION: T-95, R-12E, Section 13 of St. Tammany
Parish, Louisiana

PROJECT OBJECTIVES: To establish perennials in a marsh
experiencing erosion and degradation
from wave and tidal energy from Lake
Pontchartrain.

PROJECT FEATURES: Planting 3,000 single stem smooth cord-
grass plants (*Spartina alterniflora*),
2 stems per hole, and 500 peat pots of
seashore paspalum (*Paspalum vaginatum*).
Smooth cordgrass single stems will be
planted on 4' spacing, seashore paspalum
will be planted on 2' spacing. All
planting done in block configuration. 73%
of all plants will be protected by a
nutria exclusion fence made of 4' welded
wire with 1"X2" mesh. Distance to be
planted is 7,000' at a cost of \$3,693.

SWCD: BOGUE CHITTO - PEARL RIVER DISTRICTPROJECT NAME: GOOSE POINT 1A (SEASHORE PASPALUM)SITE EVALUATOR: T. BEAUBOUE, C. MIDKIFF, J. BRADLEY, B. MUSE DATE: 6-17-9

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT
----------------	-----------------	----------------	----------------	-------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALI. OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<3:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>2</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

(SEE PLANT LIST & CONTACT APPROPRIATE SPECIALIST)

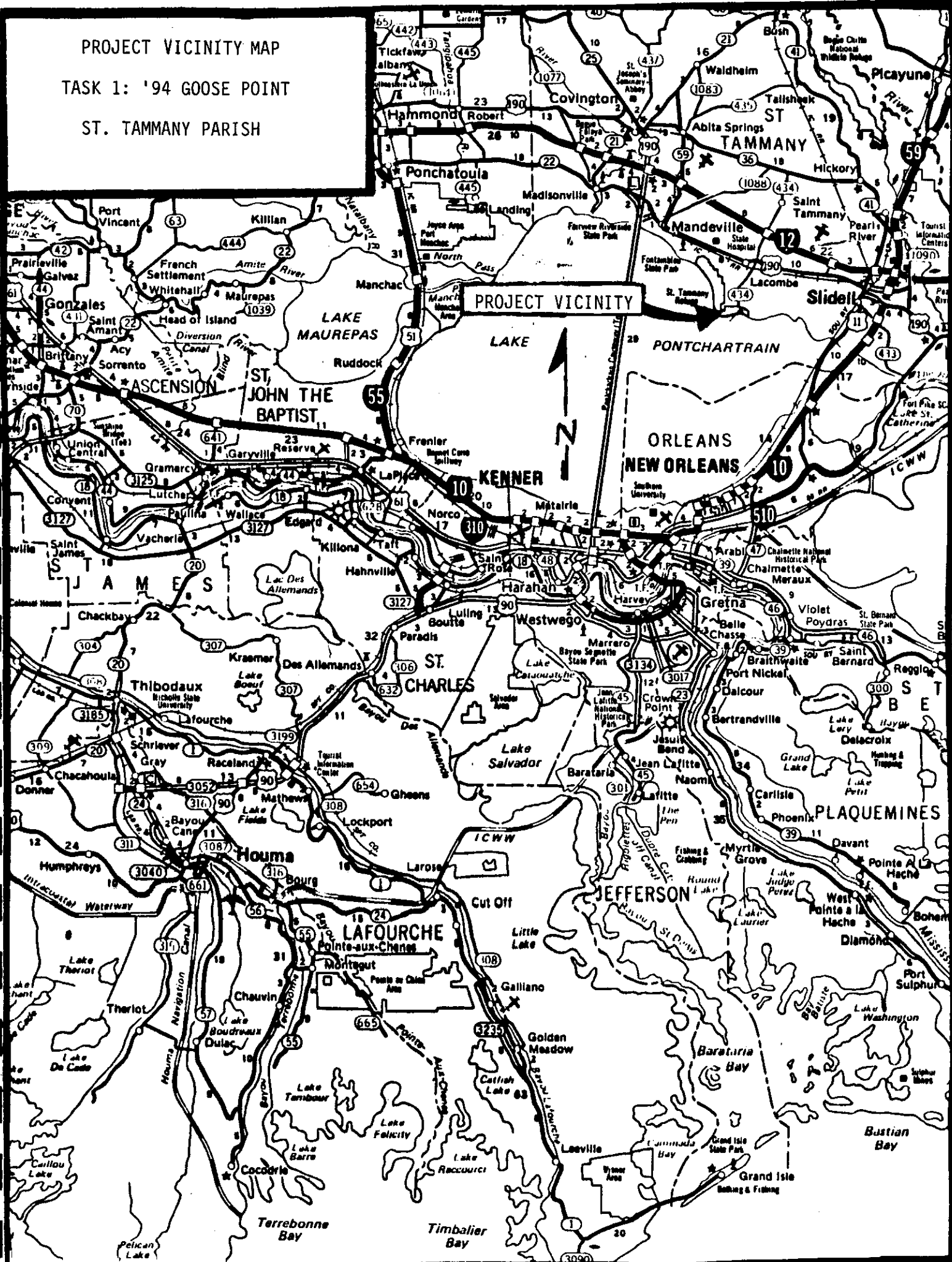
SWCD: BOGUE CHITTO - PEARL RIVER DISTRICTPROJECT NAME: GOOSE POINT 1B (SMOOTH CORDGRASS)SITE EVALUATOR: T. BEAUBOUF, C. MIDKIFF, J. BRADLEY, B. MUSE DATE: 6-17-9

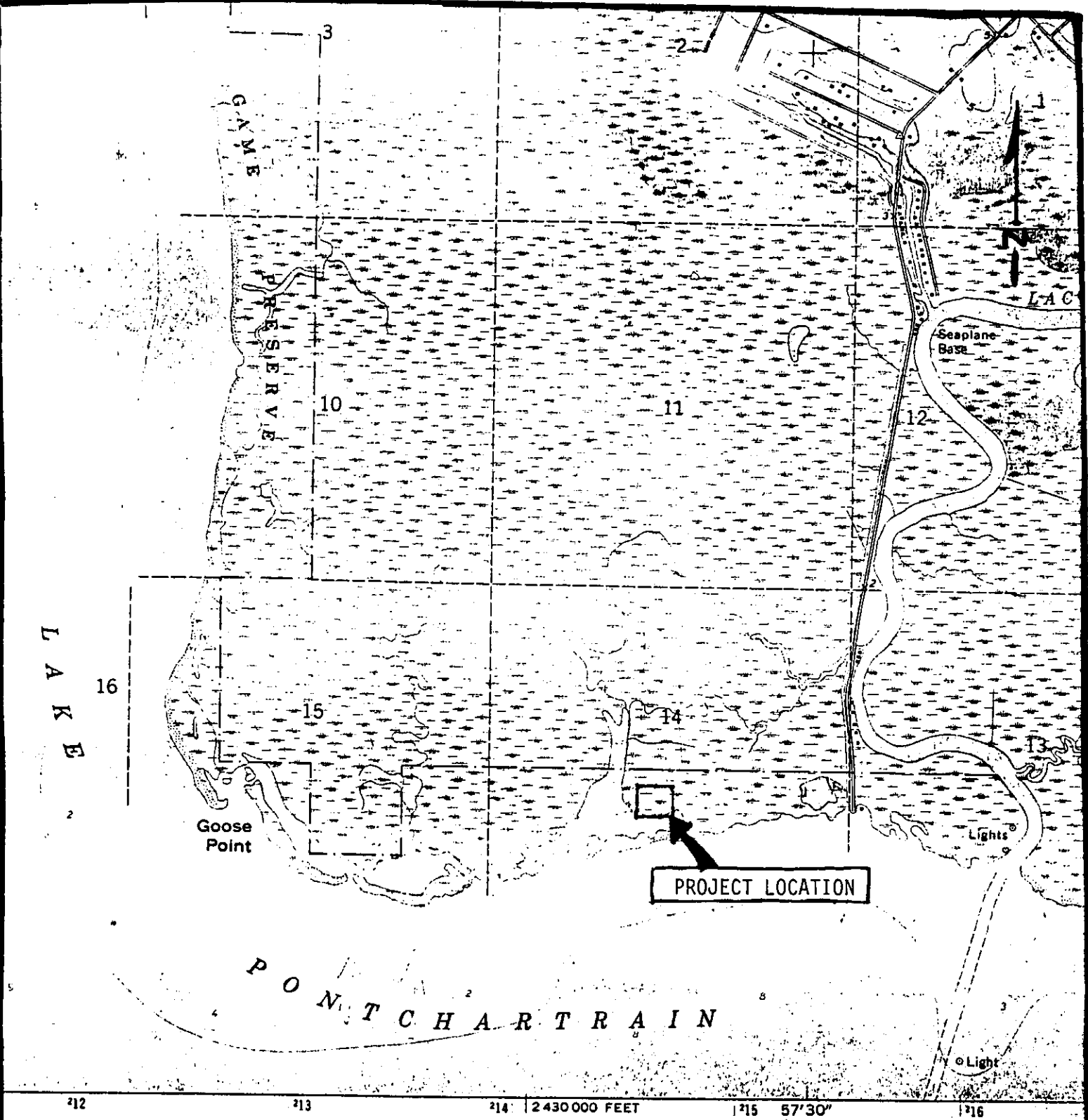
<u>ELEMENT RATING</u>	<u>2 POINTS (POOR)</u>	<u>1 POINT (FAIR)</u>	<u>0 POINT (GOOD)</u>	<u>POINT</u>
<u>SOILS ELEMENTS:</u>				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>
<u>ENERGY COMPONENTS:</u>				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>
<u>SHORE LINE FEATURES:</u>				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>2</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>
(ADD ALL POINTS FROM ABOVE)			POINT TOTAL	<u>6</u>

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

EXTRA EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)

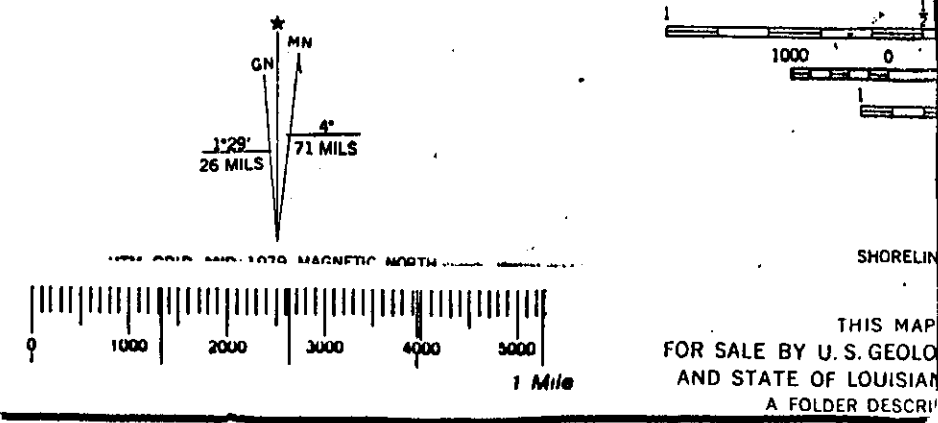
ST. TAMMANY PARISH





ited, and published by the Geological Survey
 GS and USC&GS
 y photogrammetric methods from aerial
 taken 1969. Field checked 1971

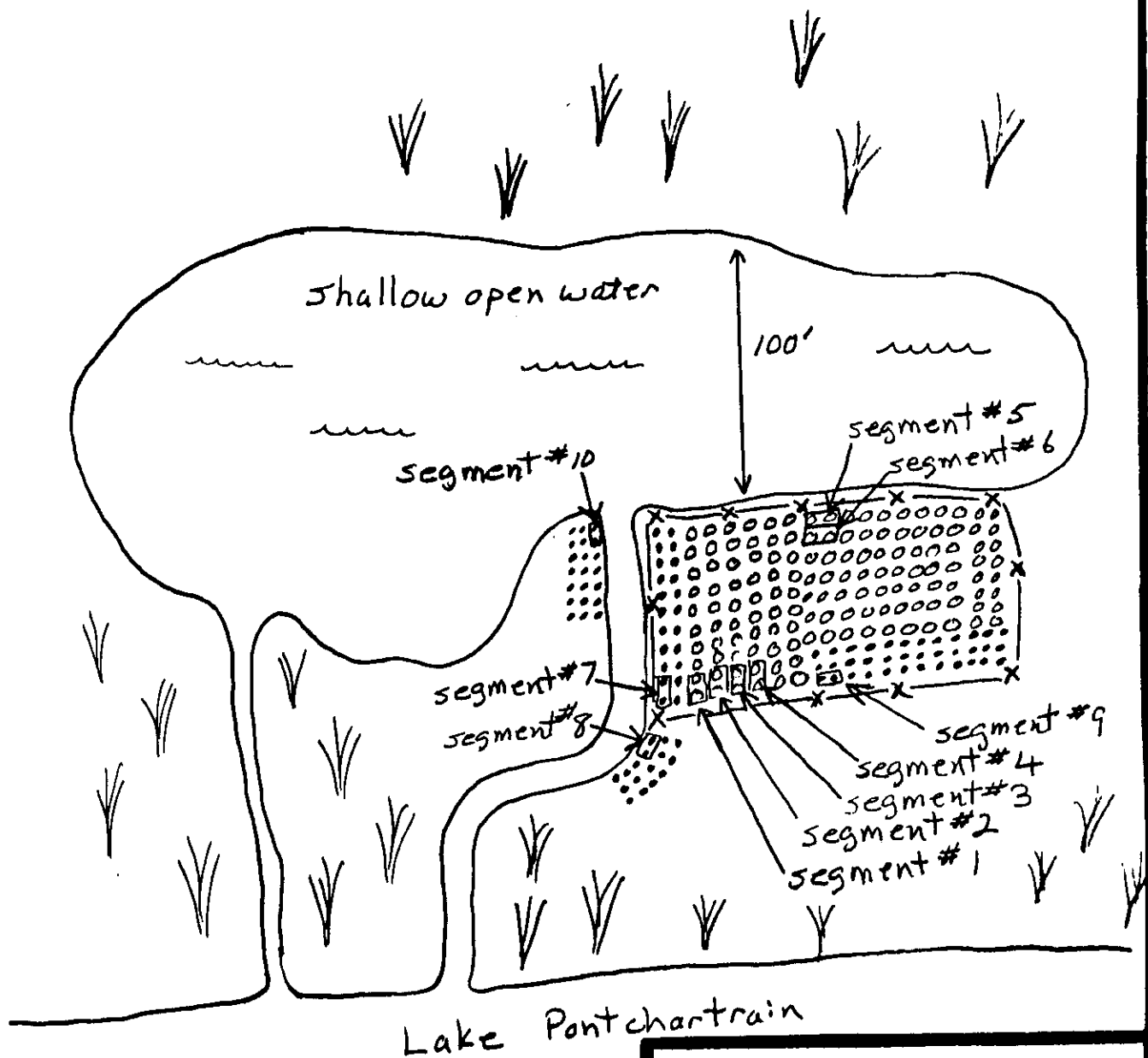
PROJECT LOCATION MAP
 TASK 1: '94 GOOSE POINT
 ST. TAMMANY PARISH



▽ - marsh (marshhay cordgrass)

o - smooth cordgrass

• - seashore paspalum



TASK 1: '94 GOOSE POINT

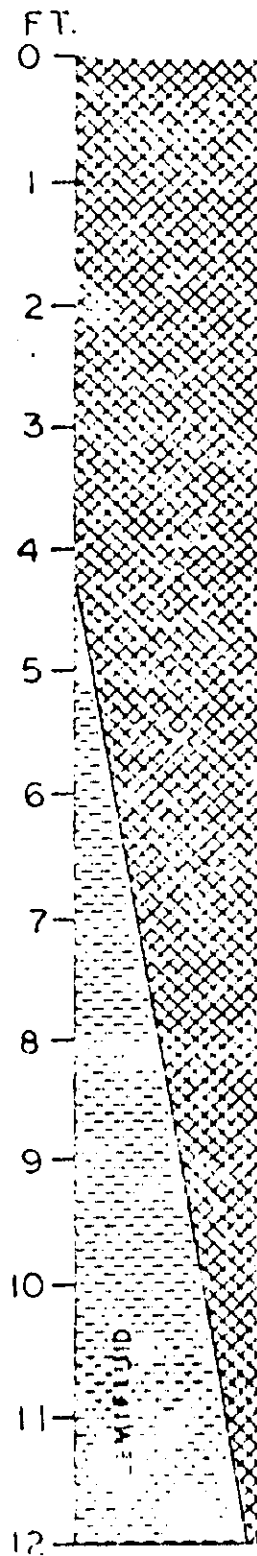
ST. TAMMANY PARISH

LAFITTE MUCK

This is a very poorly drained organic soil in the slightly saline tidal marshes. The surface layer is a dense mat of living and partially decomposed herbaceous plant roots. The underlying layers are semi-fluid organic materials. The organic layers are 4 or more than 6 feet thick and underlain by mineral layers that range from silt loam to clay. Small areas of other soils with different properties may be included with this soil.

Permeability is rapid, but there is little movement of air because the water table is high. There is no internal drainage and runoff is very slow. Trafficability is very poor.

Lafitte soils are suitable for wetland wildlife, open space, and natural scenic or study areas. They are nursery areas for marine organisms. Development for urban use requires major flood protection and drainage by pumps. If drained, the organic layers will consolidate and shrink to about one-half the original volume. They will continue to subside about 1 to 2 inches per year until the water table is again at the surface or until most of the organic material has decomposed. Total potential subsidence as a result of drainage is 4 feet or more.



LAFITTE MUCK



ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 1

I. BANK CONFIGURATION:

(A) Distance of Fetch: 100 feet
(B) Direction of Fetch: North
(C) Water Depth: 0-3 inches

(D) Marsh Level: 5.2
(E) Pond Bottom Elevation: 6.3
(F) Slope of Bank: 1:0

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings. Sketch on back.

II. PLANTING ALIGNMENT:

(A) Direction of Rows: N-S
(B) Spacing in Rows: 4 feet
(C) Distance from Bank: 8 ft. from west side of N.E.F..

(D) Spacing Between Rows: 4 feet
(E) Number of Rows: Block config.

Comments: Segment 1 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

(A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

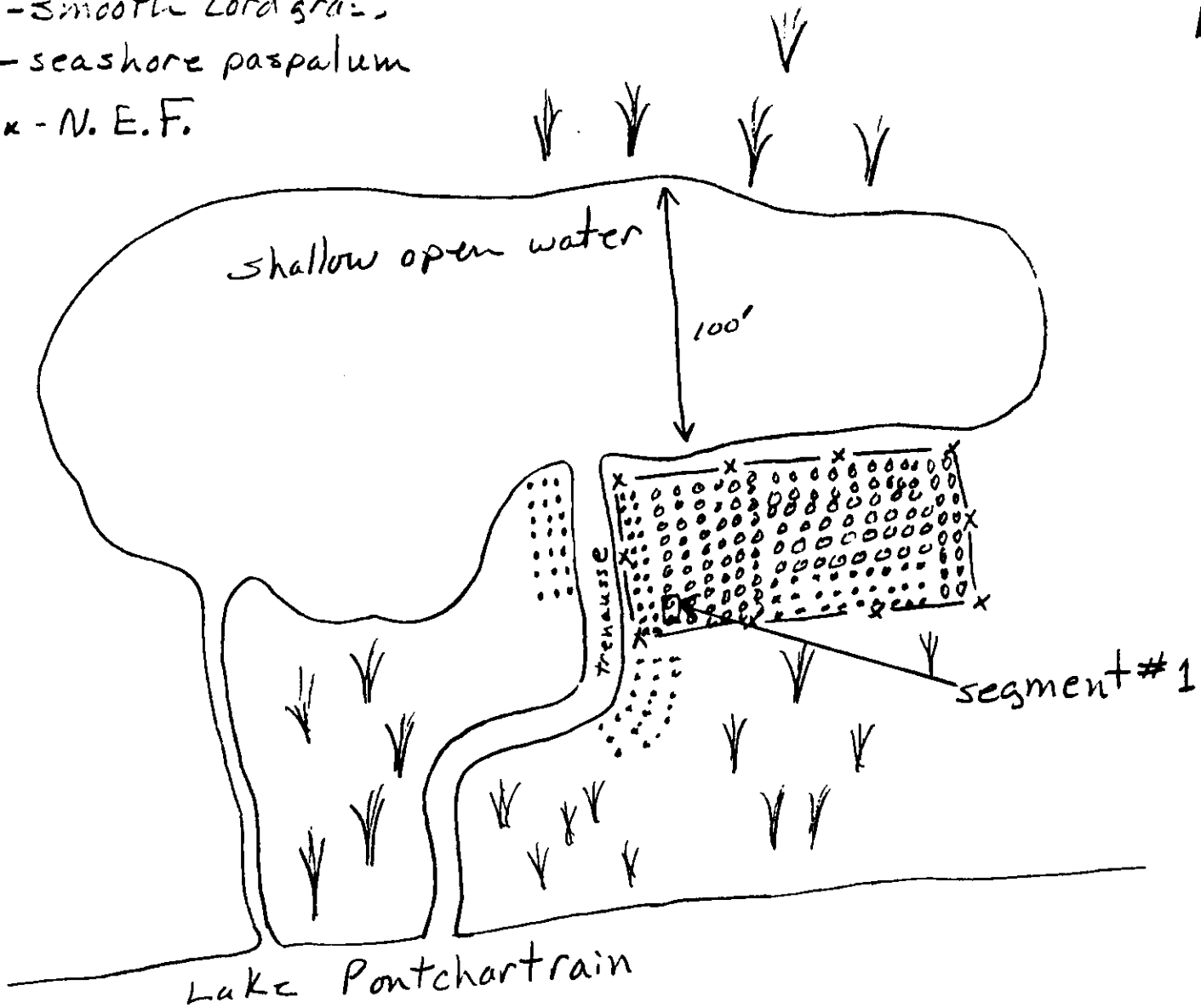
Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

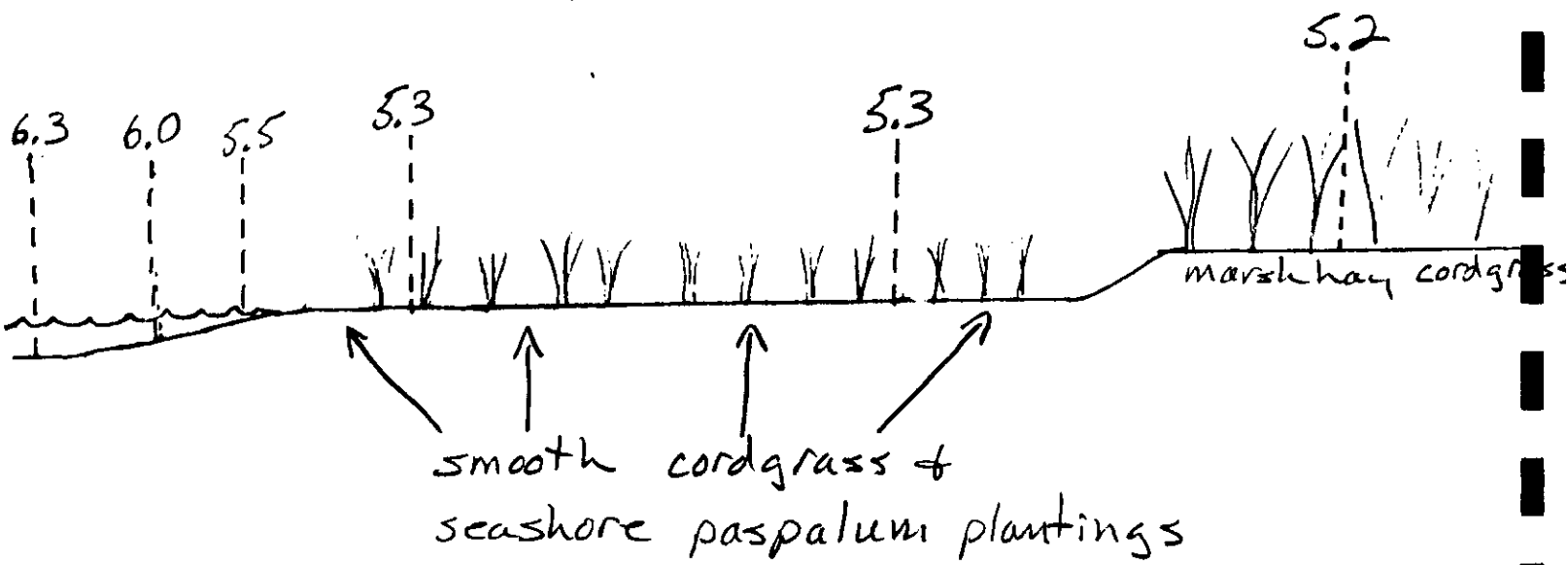
(*) good, () moderate, () poor, () very poor

Comments:

- ▽ - marsh (marsh hay cordgrass)
- - smooth cordgrass
- - seashore paspalum
- x - N.E.F.



Side View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breau
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings. Sketch on back.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 4 feet |
| (B) Spacing in Rows: 4 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 12 ft. from west side of N.E.F.. | |

Comments: Segment #2 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

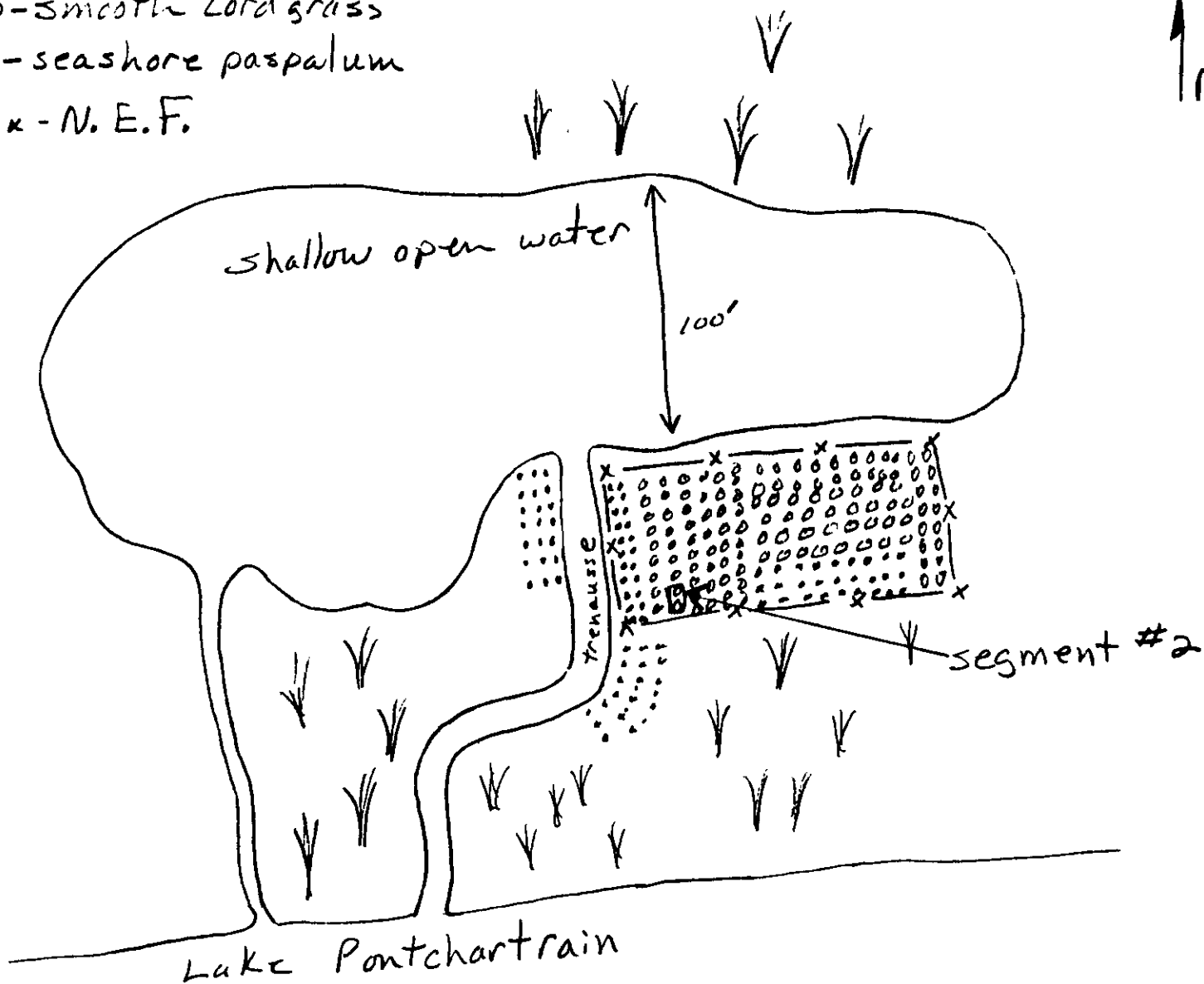
Comments:

ψ - marsh (marsh hay cordgrass)

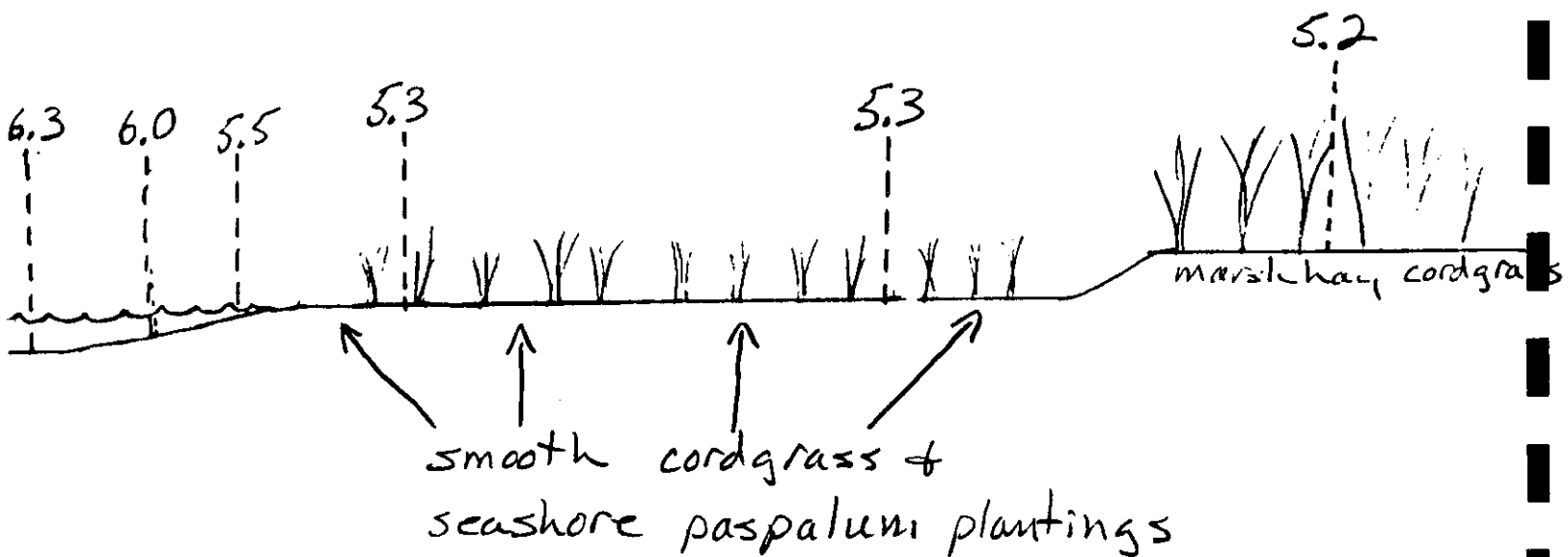
o - smooth cordgrass

• - seashore paspalum

x - N.E.F.



Side View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 4 feet |
| (B) Spacing in Rows: 4 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 16 ft. from west side of N.E.F.. | |

Comments: Segment #3 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- | |
|--|
| (A) (<input checked="" type="checkbox"/>) wind and/or (<input type="checkbox"/>) boat |
| (B) (<input checked="" type="checkbox"/>) light, (<input type="checkbox"/>) medium, (<input type="checkbox"/>) heavy |

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

(☒) good, (☐) moderate, (☐) poor, (☐) very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 4 feet |
| (B) Spacing in Rows: 4 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 20 ft. from west side of N.E.F.. | |

Comments: Segment #4 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- | |
|--|
| (A) <input checked="" type="checkbox"/> wind and/or <input type="checkbox"/> boat |
| (B) <input checked="" type="checkbox"/> light, <input type="checkbox"/> medium, <input type="checkbox"/> heavy |

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 5

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 4 feet |
| (B) Spacing in Rows: 4 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 4 ft. from north side of N.E.F.. | |

Comments: Segment #5 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 6

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 4 feet |
| (B) Spacing in Rows: 4 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 8 ft. from north side of N.E.F.. | |

Comments: Segment #6 is planted in smooth cordgrass (*Spartina alterniflora*).

- III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:**
(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

- IV. SOILS (Type & Texture):** Lafitte muck.

- V. SALINITY:** 5.2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

- (*) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 7

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 2 feet |
| (B) Spacing in Rows: 2' feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 2 ft. inland from west side of N.E.F.. | |

Comments: Segment #7 is planted in seashore paspalum (*Paspalum vaginatum*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 8

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 2 feet |
| (B) Spacing in Rows: 2 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 3 ft. inland from east edge of trenausse. | |

Comments: Segment #8 is planted in seashore paspalum (*Paspalum vaginatum*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breau
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 9

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 2 feet |
| (B) Spacing in Rows: 2 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 2 ft. from south side of N.E.F.. | |

Comments: Segment #9 is planted in seashore pasplum (*Paspalum vaginatum*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- | |
|--------------------------------------|
| (A) (*) wind and/or () boat |
| (B) (*) light, () medium, () heavy |

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 1

DISTRICT: Bogue Chitto-Pearl River

DATE OF PLANTING: 5/12/94

PARISH: St. Tammany

DATE OF MONITORING: 2/16/94

MONITORS: Joey Breaux
Tony Beaubouef
Timothy Thomas

SEGMENT NO: 10

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 100 feet | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: North | (E) Pond Bottom Elevation: 6.3 |
| (C) Water Depth: 0-3 inches | (F) Slope of Bank: 1:0 |

Comments: Planting done on mudflat in interior marsh. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---|-----------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: 2 feet |
| (B) Spacing in Rows: 2 feet | (E) Number of Rows: Block config. |
| (C) Distance from Bank: 3 ft. inland from west side of trenaussé. | |

Comments: Segment #10 is planted in seashore paspalum (*Paspalum vaginatum*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
4 inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.

IV. SOILS (Type & Texture): Lafitte muck.

V. SALINITY: 5.2 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments: Open water to the north of grass planting is shallow (1-15 inches) with fetch of only 100 feet.

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 1 ('94 Goose Point)

SEGMENT # 1

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

13

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

5

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

1/2 = .5 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Nutria dug under the N.E.F. and are damageing, the plants. About 70% of the smooth cordgrass shows herbivore damage but is still sprouting new growth. Many new shoots are coming up from bases of stems that were planted.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 1 ('94 Goose Point)

SEGMENT # 2

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

23

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

1

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

70% of plants show herbivore damage, but new shoots are still coming up.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 1 ('94 Goose Point)

SEGMENT # 3

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

22

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

6

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 = 1 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Herbivore damage-70%, old stems are dying, but new shoots (1-10 in. tall) are doing well.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 1 ('94 Goose Point)

SEGMENT # 4

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux / Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

16

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

9

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/3 = 1.3 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Herbivore damage heavy on new growth. New shoots still green, but many are eaten down to ground level.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 1 ('94 Goose Point)

SEGMENT # 5

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux /Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

7

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Herbivore damage heavy. Nearly all new shoots have been eaten to the ground. Plants in this segment are in 2-3 inches of water and nutria seem to feed heavier in these areas than in those just a few feet away on slightly higher ground.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 1 ('94 Goose Point)

SEGMENT # 6

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux / Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,000

B. How many plants where originally planted in this sample segment?

25

C. How many plants are living in this sample segment?

9

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/2 = 2 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 1 ('94 Goose Point)

SEGMENT # 7

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

Seashore paspalum

A. How many plants where originally planted in this task?

500

B. How many plants where originally planted in this sample segment?

50

C. How many plants are living in this sample segment?

42

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

48

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

82/5= 16.4 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Paspalum is vining out in all directions along the ground, but nutria's are preventing almost all upward growth.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 1 ('94 Goose Point)

SEGMENT # 8

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

Seashore paspalum

A. How many plants where originally planted in this task?

50

B. How many plants where originally planted in this sample segment?

50

C. How many plants are living in this sample segment?

21

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

50

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

29/4 = 7.25 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Segment #8 is outside of N.E.F.. Plant survival is good, but nutrias are preventing any additional growth.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 1 ('94 Goose Point)

SEGMENT # 9

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux/Tony Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

Seashore paspalum

A. How many plants where originally planted in this task?

500

B. How many plants where originally planted in this sample segment?

50

C. How many plants are living in this sample segment?

50

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

40

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

150/5 = 30 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Some herbivore damage, but only to upward growth. Lateral growth covers the ground in some areas.

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 1 ('94 Goose Point)

SEGMENT # 10

DISTRICT Bogue Chitto-Pearl River

DATE OF PLANTING 5/11/94

PARISH St. Tammany

MONITORING DATE 7/8/94

INFORMATION PREPARED BY J. Breaux / T. Beaubouef

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

Seashore paspalum

A. How many plants where originally planted in this task?

500

B. How many plants where originally planted in this sample segment?

50

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

21

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/3 = 2.7 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Segment #10 is outside of N.E.F. and shows heavy herbivore damage.

CRESCENT DISTRICT

Task 2: Little Lake Hunting Club

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 2

DISTRICT: Crescent SWCD

PROJECT: Little Lake Hunting Club

PROJECT LOCATION: T-17S, R-23E, Sections 34 and 35 of
Jefferson Parish, Louisiana

PROJECT OBJECTIVES: To vegetate a spoil levee, which
protects a brackish marsh, to provide
stability and prevent soil loss.

PROJECT FEATURES: Planting 2,000 gallon containers of
smooth cordgrass (*Spartina alterniflora*)
in a single row at the base of the
levee on 5' spacing. Planting 10,000 D
pots of marshhay cordgrass (*Spartina*
patens), 10,000 D pots of gulf cordgrass
(*Spartina spartinae*), both on 2.5'
spacing, in 5 parallel rows along the
length of the levee. 100% of the smooth
cordgrass and 10% of the marshhay and
gulf cordgrass are to be protected by
nutria excluder devices (N.E.D.'s).
Distance to be planted is 60,000' at
a cost of \$37,805.

SWCD: CRESCENT DISTRICTPROJECT NAME: LITTLE LAKE HUNTING CLUB (SMOOTH CORDGRASS)SITE EVALUATOR: C. MIDKIFF, ALAN BOLOTTE, L. MORRIS, J. CROSSDATE: 6/04/

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT
----------------	-----------------	----------------	----------------	-------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>1</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>2</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>2</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>1</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 12

POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

SWCD: CRESCENT DISTRICTPROJECT NAME: LITTLE LAKE HUNTING CLUB (LEVEE PLANTINGSITE EVALUATOR: C. MIDKIFF, A. BOLOTTE, L. MORRIS, J. CROSS DATE: 6/04/93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	PO
----------------	-----------------	----------------	----------------	----

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	0
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION pH	<4.5 - >8.4	-	4.5-8.4	2
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	1
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	0
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5	2
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	0

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	0
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	0
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	0

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	2
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
HERBIVORE POP.	HIGH	MEDIUM	LOW	1
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0

(ADD ALL POINTS FROM ABOVE)

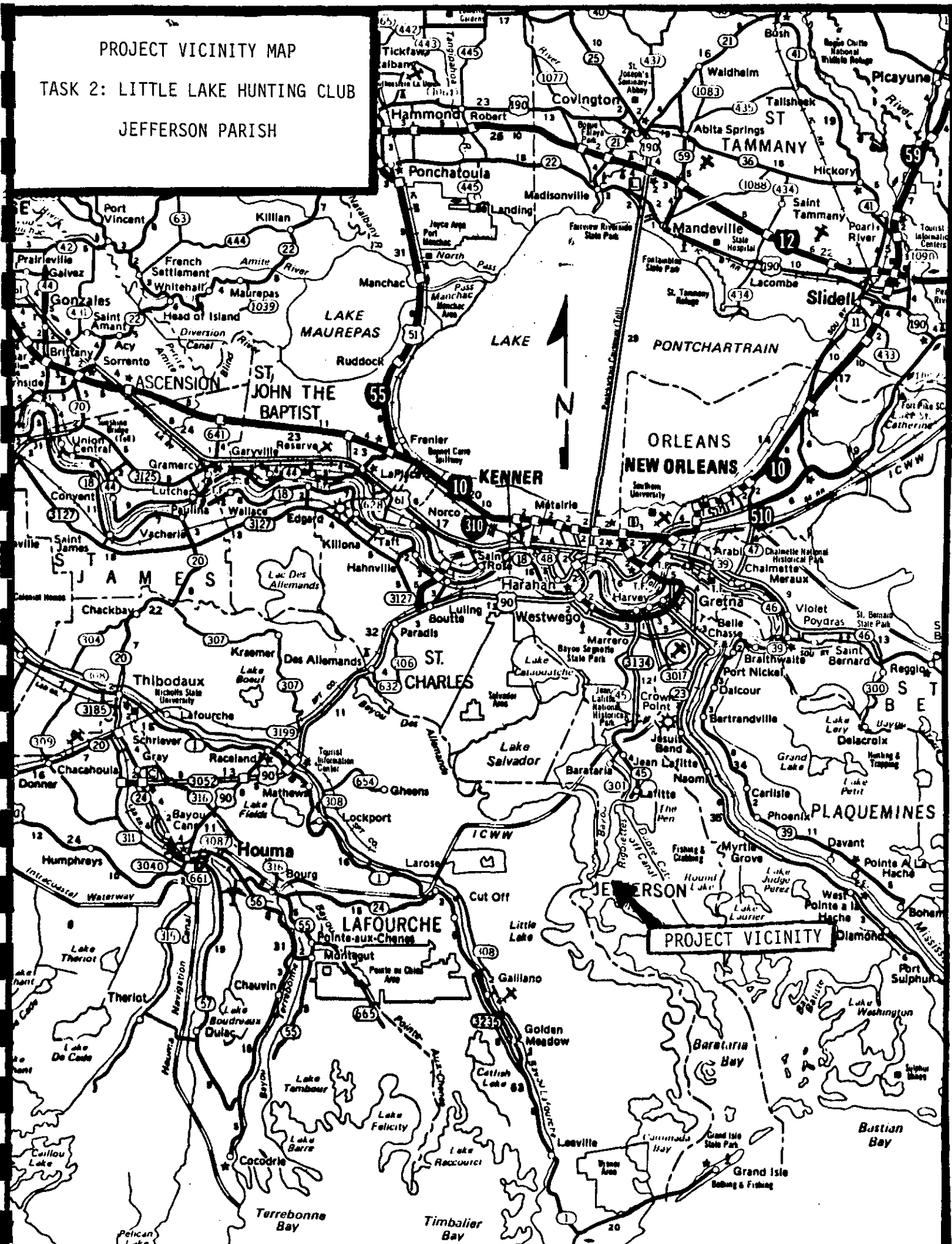
POINT TOTAL 8

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

PROJECT VICINITY MAP

TASK 2: LITTLE LAKE HUNTING CLUB

JEFFERSON PARISH



N

PROJECT LOCATION

PROJECT LOCATION MAP
TASK 2: LITTLE LAKE HUNTING CLUB
JEFFERSON PARISH



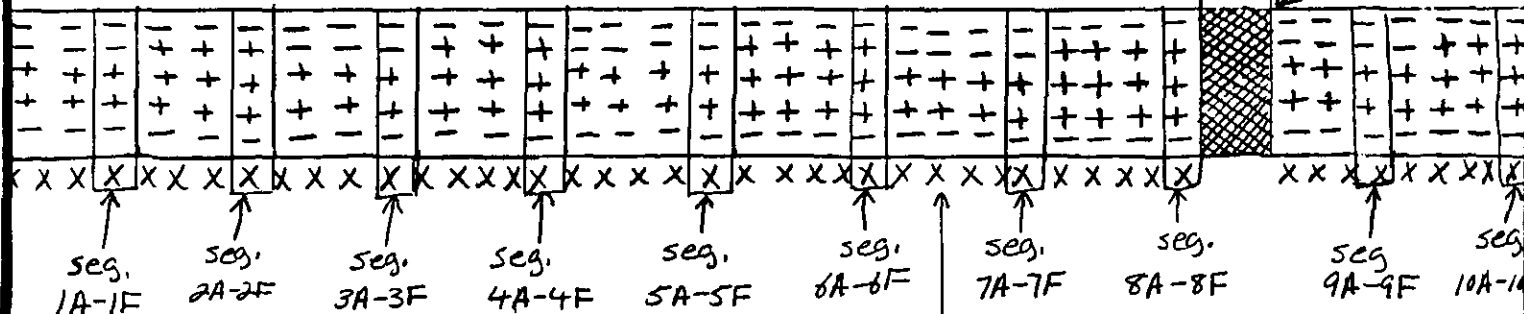
- marshhay cordgrass
+ gulf cordgrass
x smooth cordgrass

marsh
(marshhay cordgrass)



water

shell dam



Canal

150'

Levee

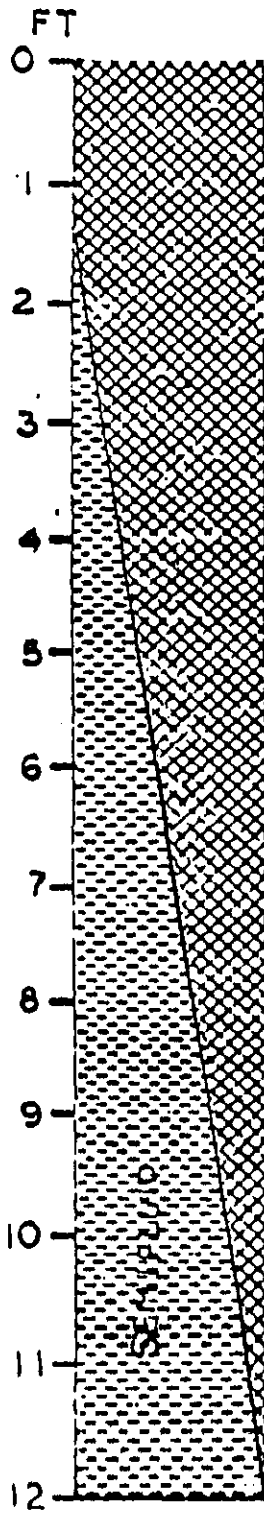
marsh
(Olney bulrush)

water

shell dam

TASK 2: LITTLE LAKE HUNTING CLUB
JEFFERSON PARISH

LAFITTE-CLOVELLY



These level, very poorly drained soils have a thick or moderately thick mucky surface layer and clayey underlying material; in brackish marshes.

The soils of this map unit are in brackish marshes that are flooded or ponded most of the time. Elevation ranges from sea level to about 1 foot above sea level. Slope is less than 0.5 percent.

The Lafitte soils are in broad basins between natural streams and have a thick surface layer of semifluid, saline muck and underlying material of semifluid, saline clay and silty clay loam.

The Clovelly soils are on submerged ridges along natural streams. They have a moderately thick surface layer of semifluid, saline muck and underlying material of semifluid, saline clay.

Of minor extent are the very poorly drained Allemands soils in adjacent areas of freshwater marsh and the very poorly drained Scatlake and Timbalier soils in adjacent areas of saline marsh. Many small ponds and perennial streams are in most areas.

Most of the soils in this unit are in native vegetation and are used for recreation and as habitat for wetland wildlife. A small acreage has oil and gas wells.

These soils are well suited to use as habitat for wetland wildlife. They provide suitable habitat for many species of wetland wildlife. Hunting, fishing, and other outdoor activities are popular in areas of this unit. This unit is part of the estuary that contributes to the support of marine life in the Gulf of Mexico.

These soils are not suited to crops, pasture, woodland, or urban areas. The limitations of flooding, wetness, salinity, and low strength are too severe for these uses.



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 5/3/94

PARISH: Jefferson

DATE OF MONITORING: 5/3/94

MONITORS: Joey Breau
Jeff Jenkins

SEGMENT NO: 1A-10A

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: 150 feet | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: 14.6 |
| (C) Water Depth: 0-6 in. | (F) Slope of Bank: 15:1 |

Comments: Pond bottom elevation is rod reading taken at bottom of canal.
Elevation and level units are rod readings. (sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 1-6 in. | |

Comments: Segments 1A-10A are planted in smooth cordgrass. Base data are the same for segments 1A-10A, which are in a single row along levee base.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
N.E.D.'s - 1 in. and 2 in. chicken wire mesh cages, 2 ft.x 10 in. dia.
anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Lafitte-Clovelly association; muck

V. SALINITY: 3-7 ppt

VI. WAVE ACTION:

- (A) (☒) wind and/or (☒) boat
(B) (☐) light, (☒) medium, (☐) heavy

Comments:

VII. TRAFFICABILITY:

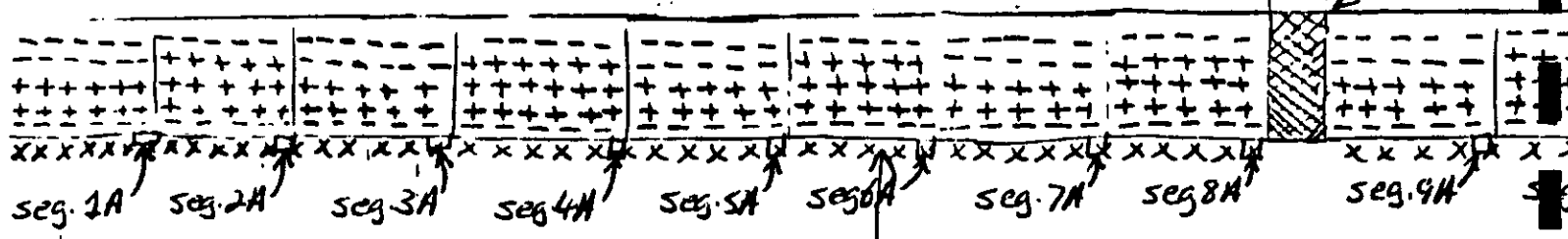
(☐) good, (☒) moderate, (☐) poor, (☐) very poor

Comments:

- marsh hay cordgrass
 + gulf cordgrass
 x smooth cordgrass

Marsh

water
 shell dam



Canal

150 Ft.

levee

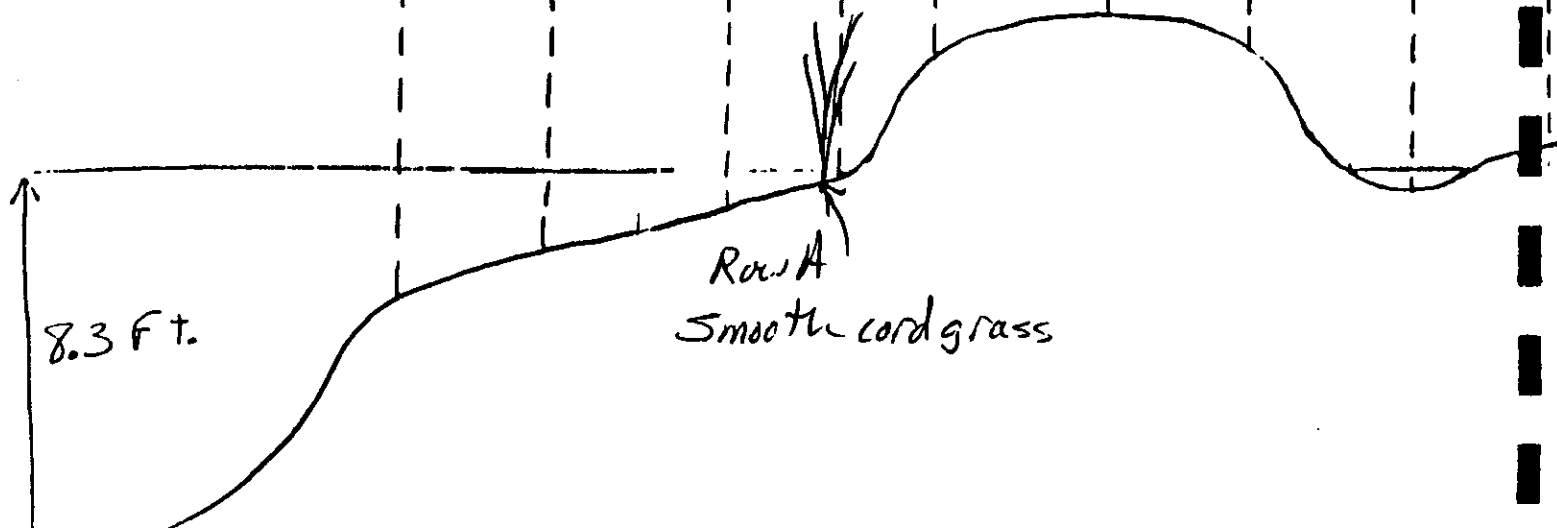
Marsh

water
 shell dam

side View

north →

8.9 8.1 7.5 6.3 4.5 4.2 4.5 7.5 6



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 5/20/94

PARISH: Jefferson

DATE OF MONITORING: 5/4/94

MONITORS: J. Breaux
J. Jenkins

SEGMENT NO: 1B-10B

I. BANK CONFIGURATION:

- | | |
|--------------------------------|-------------------------------|
| (A) Distance of Fetch: 150 ft. | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 | (F) Slope of Bank: 1:1 |

Comments: Planting done on south slope of levee, which runs east to west, approx. 15 in. above Mean water level. (sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|---|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 2.5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 20 in. inland from water. | |

Comments: Segments 1B-10B planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
N.E.D.'s - 1" plastic mesh cages, 17"X4" dia., anchored with 3/8" bamboo.

IV. SOILS (Type & Texture): Lafitte-Clovelly^{****} association; Spoil levee.

V. SALINITY: soil salinity - 5 ppt

VI. WAVE ACTION:

- (A) (☒) wind and/or () boat
(B) () light, () medium, () heavy

Comments: Wave action on levee would be a problem only during a powerful storm.

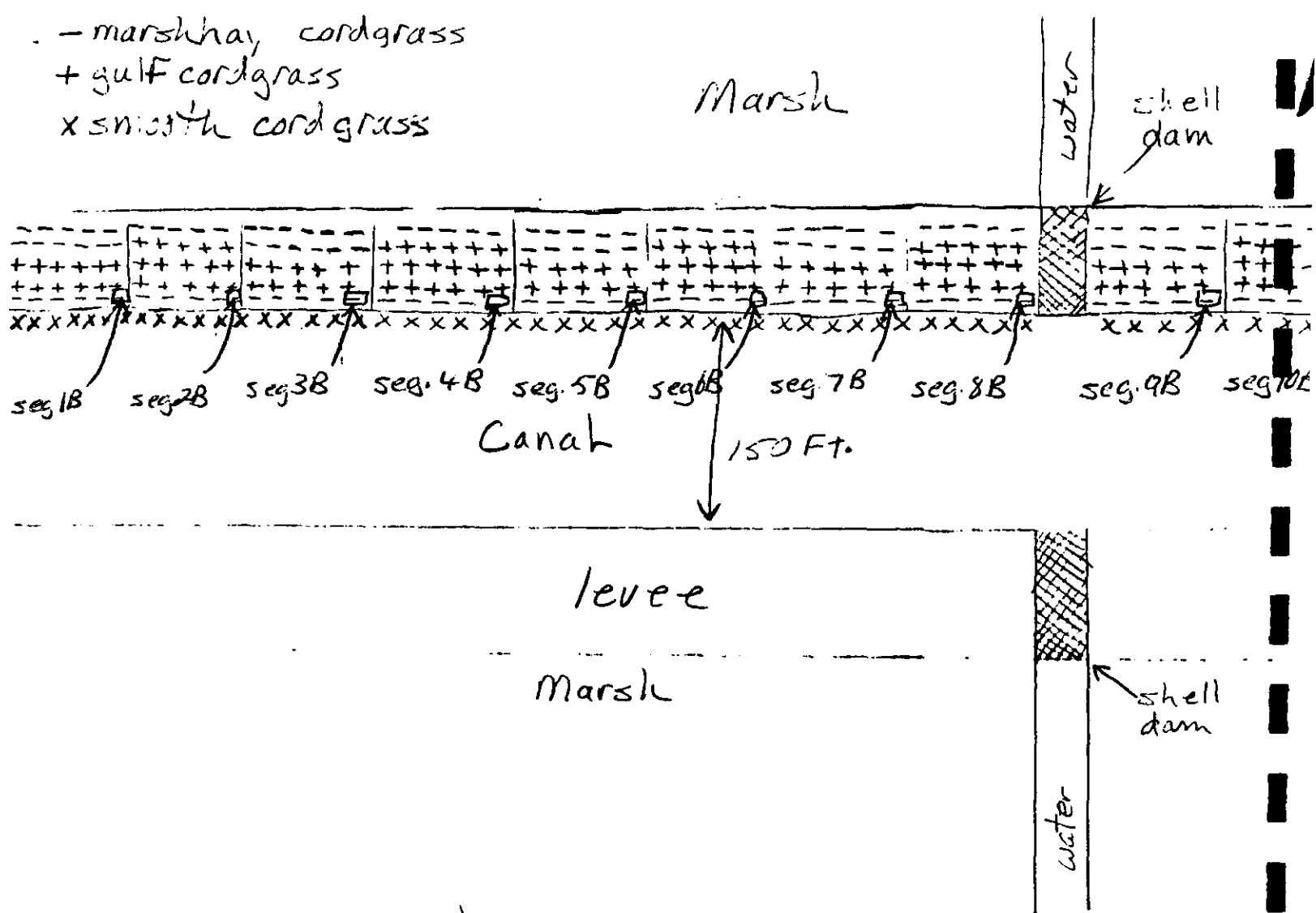
VII. TRAFFICABILITY:

(☒) good, () moderate, () poor, () very poor

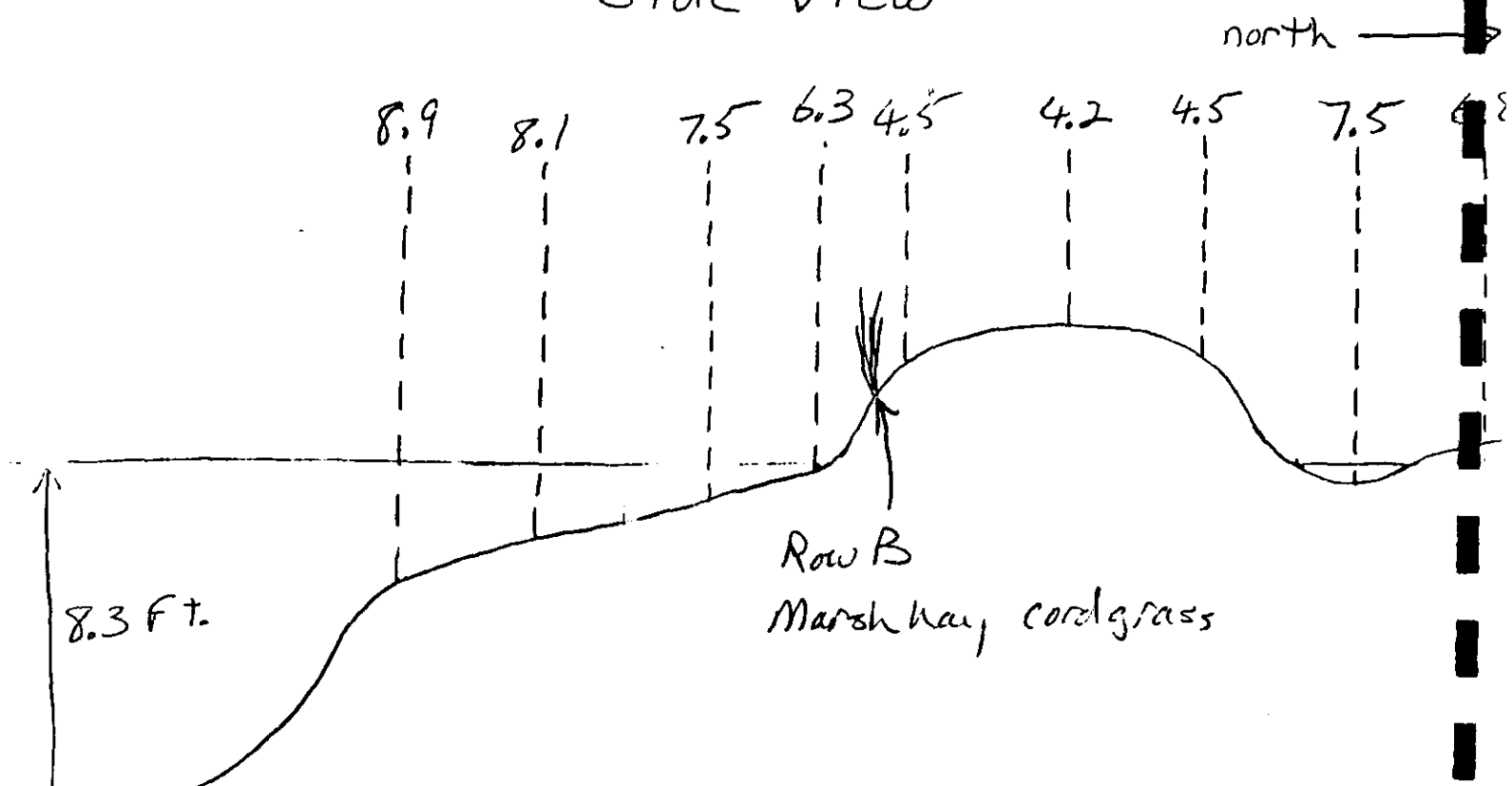
Comments:

- marsh hay, cordgrass
- + gulf cordgrass
- x smooth cordgrass

Marsh



Side View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 5/27/94

PARISH: Jefferson

DATE OF MONITORING: 5/6/94

MONITORS: J. Breau
J. Jenkins

SEGMENT NO: 1C-10C

I. BANK CONFIGURATION:

- | | |
|--------------------------------|-------------------------------|
| (A) Distance of Fetch: 150 ft. | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 | (F) Slope of Bank: 6:1 |

Comments: Planting done on south slope of levee, near the top, approx. 24 in. above mean water level. (sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|--|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 2.5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 4-5 ft. inland | |

Comments: Segments 1C-10C are planted in gulf cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
N.E.D.'s ~ 1" plastic mesh cages, 17"X4" dia., anchored with 3/8" bamboo.

IV. SOILS (Type & Texture): Lafitte- Clovelly⁶⁴⁴⁴ association; Spoil levee.

V. SALINITY: soil salinity 5 ppt

VI. WAVE ACTION:

- | |
|---|
| (A) (<input checked="" type="checkbox"/>) wind and/or (<input type="checkbox"/>) boat |
| (B) (<input type="checkbox"/>) light, (<input type="checkbox"/>) medium, (<input type="checkbox"/>) heavy |

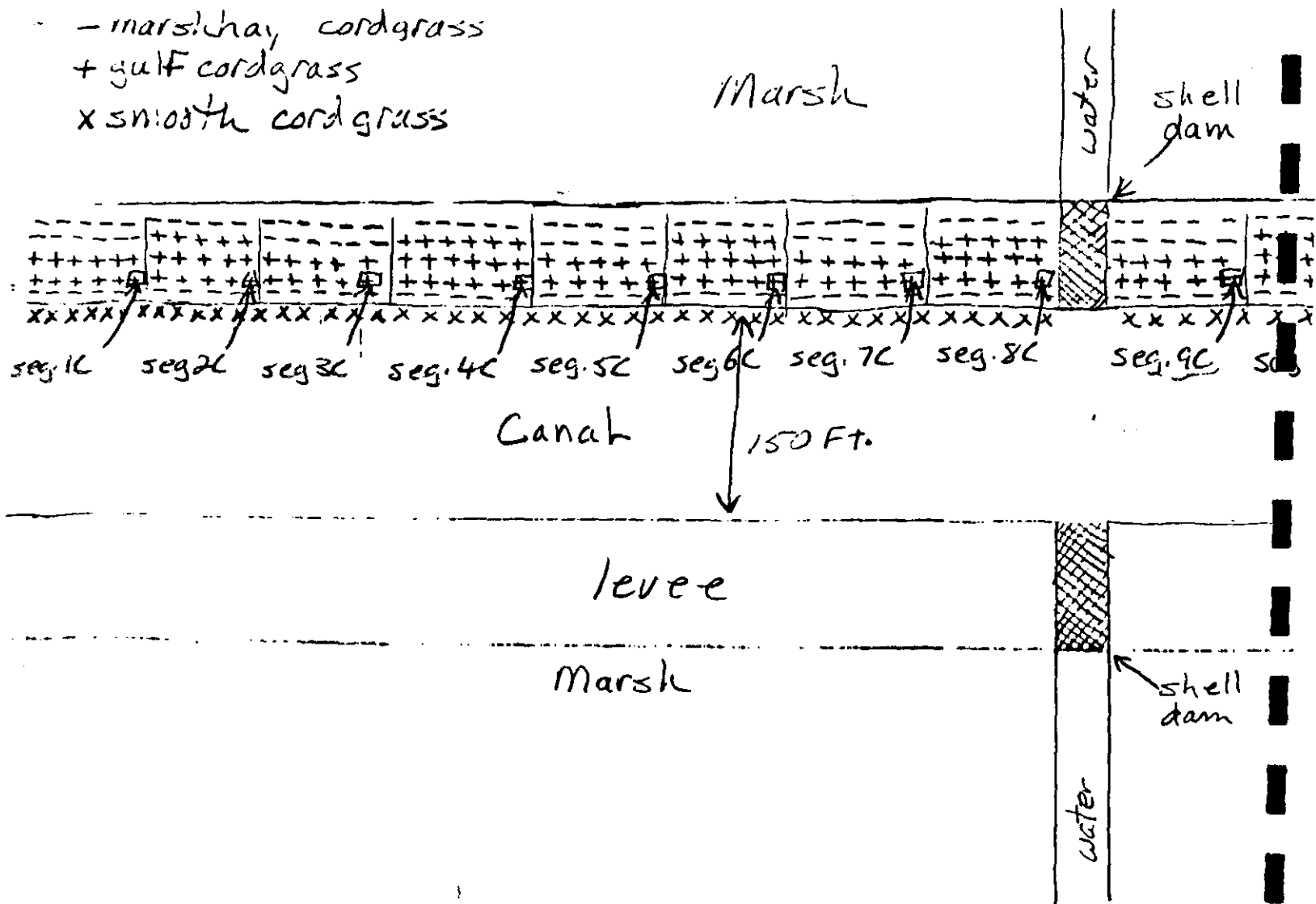
Comments: Wave action produced by wind would be a problem only during a powerful storm.

VII. TRAFFICABILITY:

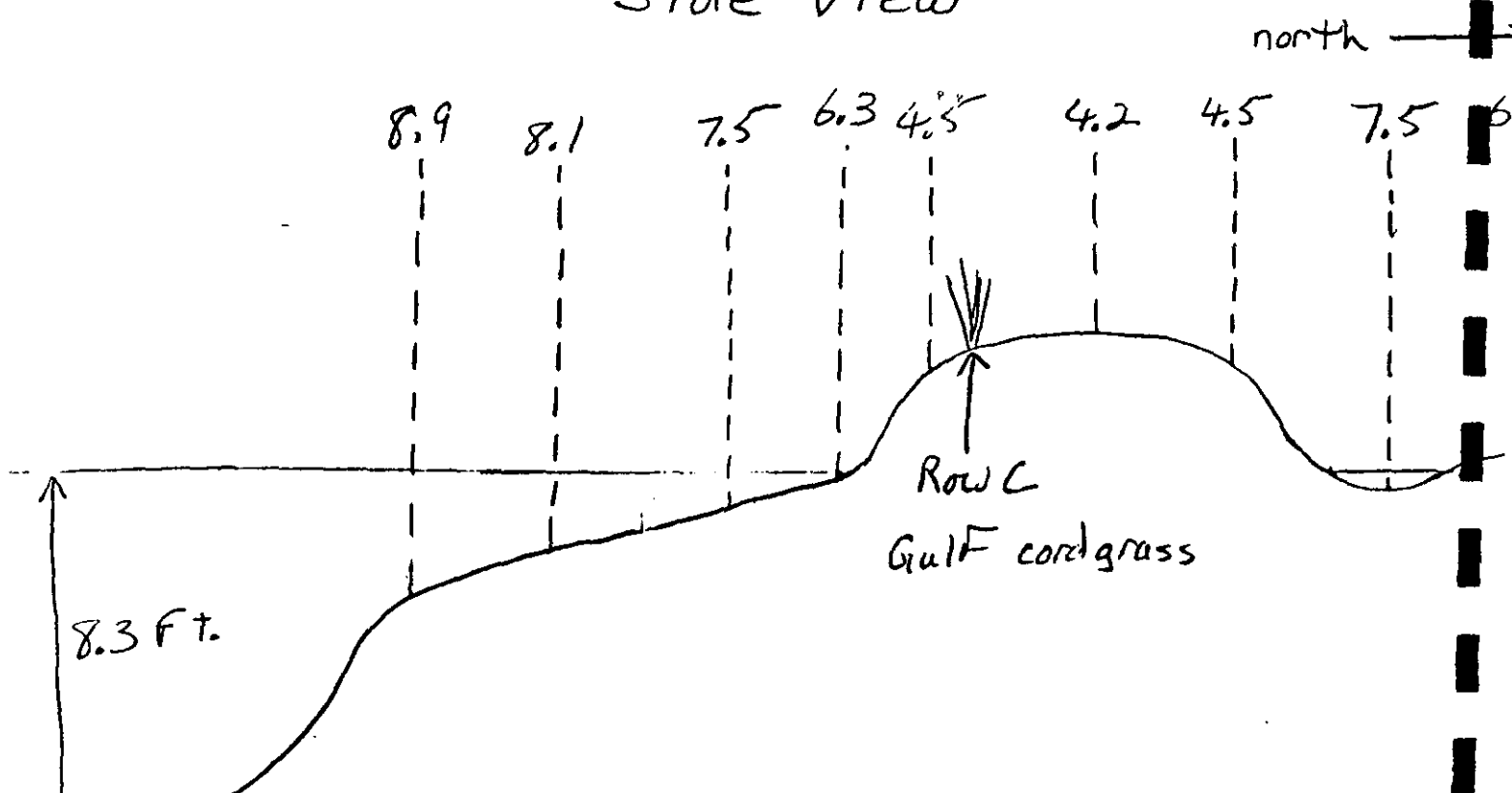
(☒) good, (☐) moderate, (☐) poor, (☐) very poor

Comments:

- marsh hay, cordgrass
- + gulf cordgrass
- x smooth cordgrass



Side View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 6/8/94

PARISH: Jefferson

DATE OF MONITORING: 5/6/94

MONITORS: J. Breaux
J. Jenkins

SEGMENT NO: 1D-10D

I. BANK CONFIGURATION:

- | | |
|--------------------------------|-------------------------------|
| (A) Distance of Fetch: 150 ft. | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 | (F) Slope of Bank: 1:0 |

Comments: Planting done on topmost part of levee, approx. 30 in. above mean water level (sketch on back).

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 2.5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 8 ft. inland | |

Comments: Segments 1D-10D are planted in gulf cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
N.E.D.'s - 1" plastic mesh cages, 17"X4" dia., anchored with 3/8" bamboo.

IV. SOILS (Type & Texture): Lafitte- Clovelly association; Spoil levee.

V. SALINITY: soil salinity 5 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or () boat
(B) () light, () medium, () heavy

Comments: wave action could be a problem during powerful storms.

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

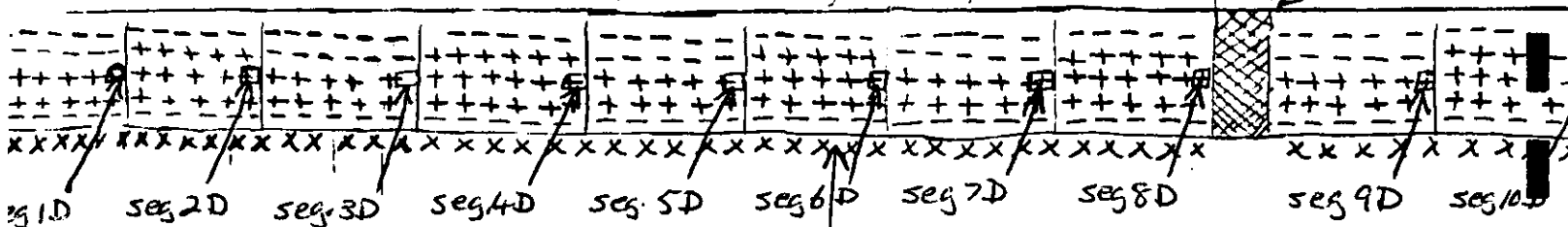
Comments:

- marshhay cordgrass
 + gulf cordgrass
 x smooth cordgrass

Marsh

water

shell dam



Canal

150 Ft.

levee

Marsh

shell dam

water

Side View

north →

8.9

8.1

7.5

6.3

4.5

4.2

4.5

7.5

6.8

8.3 Ft.

Row D
 Gulf cordgrass

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 6/17/94

PARISH: Jefferson

DATE OF MONITORING: 5/10/94

MONITORS: J. Breaux
J. Jenkins

SEGMENT NO: 1E-10E

I. BANK CONFIGURATION:

- | | |
|----------------------------|-------------------------------|
| (A) Distance of Fetch: NA | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: NA | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 | (F) Slope of Bank: 6:1 |

Comments: Planting done on north slope of levee near the top, away from open water. North slope faces marsh. (sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|--|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 2.5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 4-5 ft. inland from marsh side (north) of levee. | |

Comments: Segments 1E-10E alternate between marshhay cordgrass and gulf cordgrass. 1E-marshhay, 2E-gulf cord.....10E-gulf cord.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
N.E.D.'s - 1" plastic mesh cages, 17"X4" dia., anchored with 3/8" bamboo.

IV. SOILS (Type & Texture): ^{ppprr} Lafitte-Clovelly association; Spoil levee.

V. SALINITY: soil salinity 5ppt

VI. WAVE ACTION:

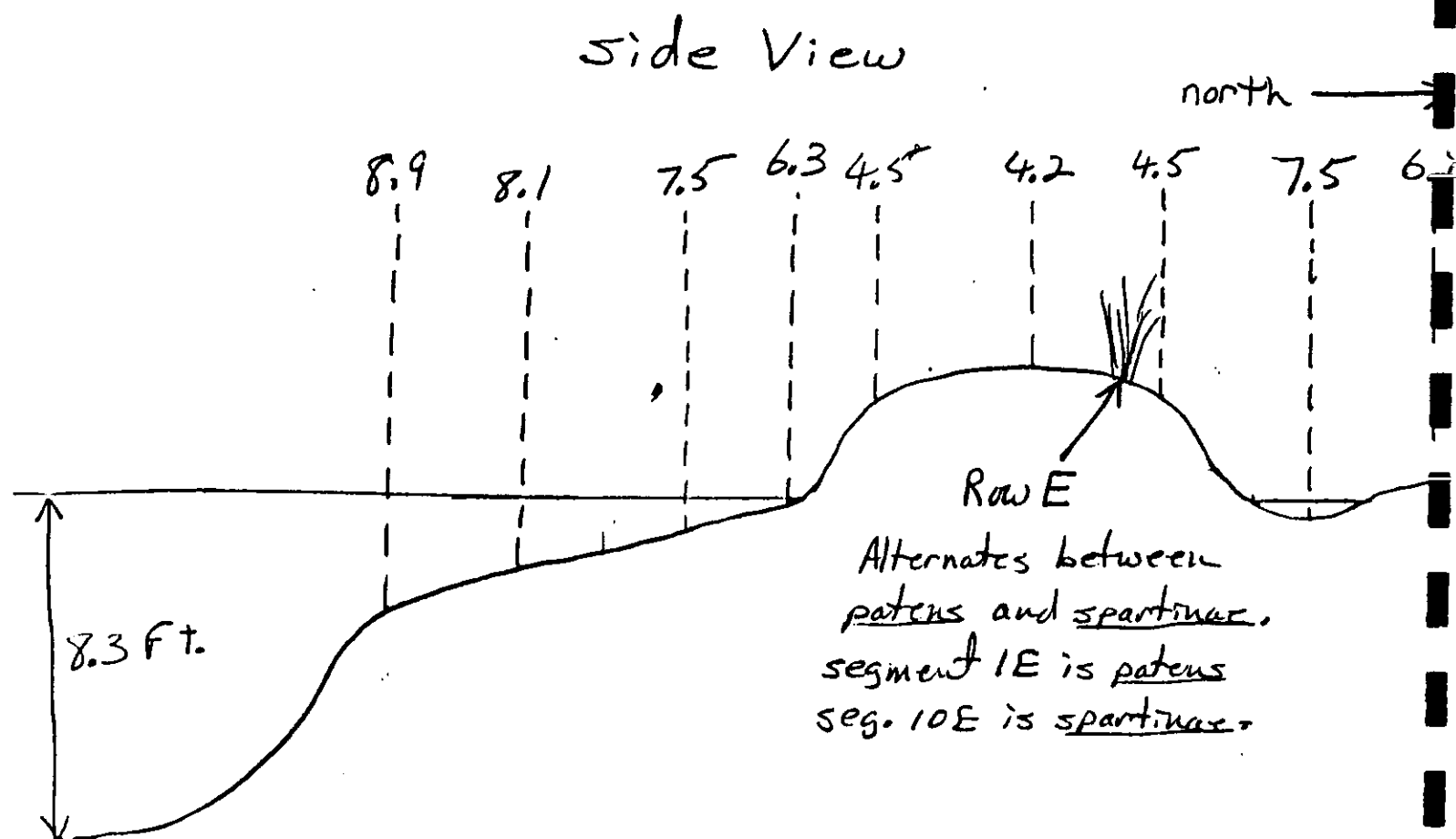
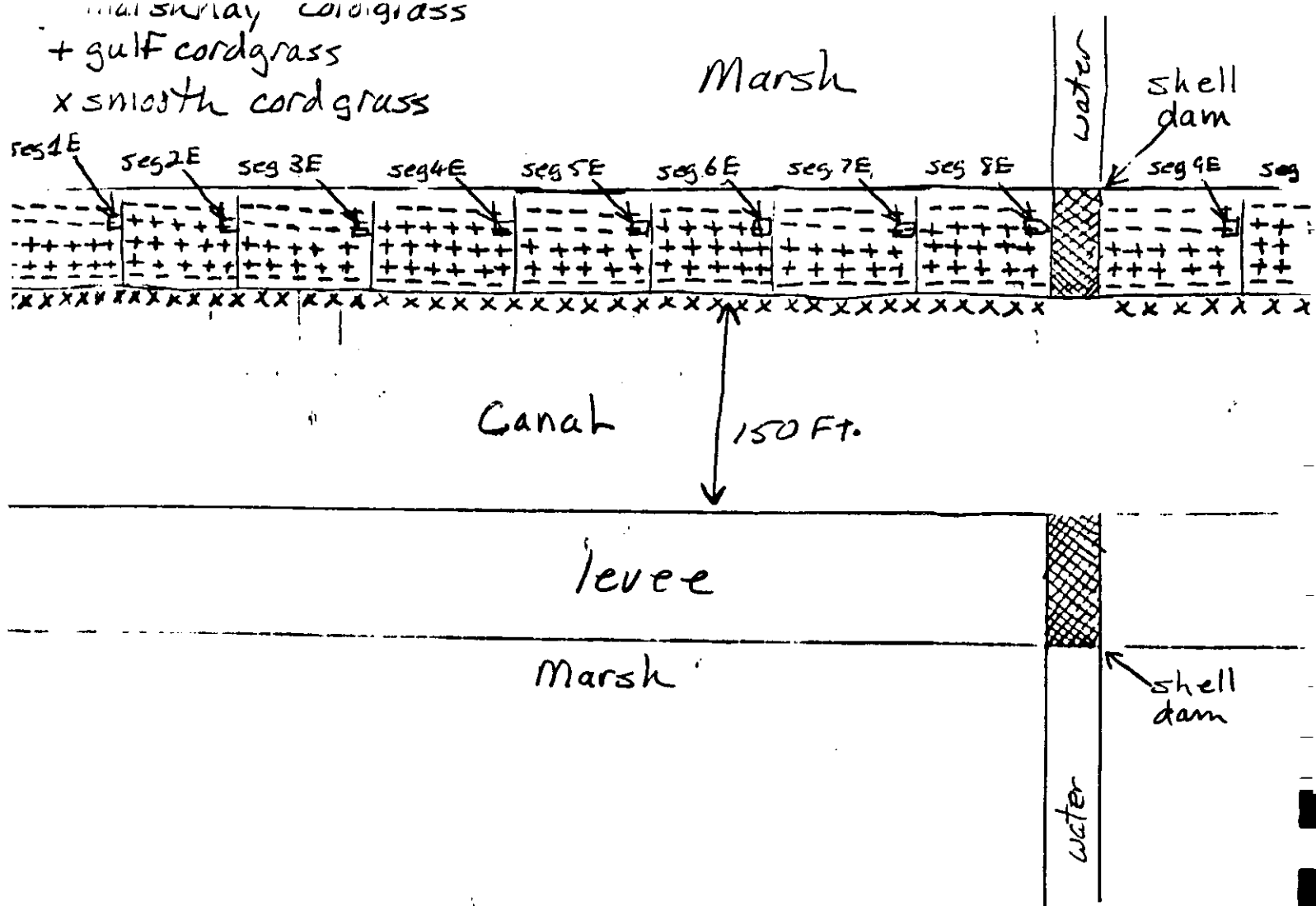
- (A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 2

DISTRICT: Crescent

DATE OF PLANTING: 6/20/94

PARISH: Jefferson

DATE OF MONITORING: 5/11/94

MONITORS: J. Breaux
J. Jenkins

SEGMENT NO: 1F-10F

I. BANK CONFIGURATION:

- | | |
|----------------------------|-------------------------------|
| (A) Distance of Fetch: NA | (D) Marsh Level: 6.8 |
| (B) Direction of Fetch: NA | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 | (F) Slope of Bank: 1:1 |

Comments: Planting done on north slope of levee, away from open water.
(sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|---|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 2.5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 20 in. inland from marsh. | |

Comments: Segments 1F-10F are planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included
N.E.D.'s - 1" plastic mesh cages, 17"X4" dia., anchored with 3/8" bamboo.

IV. SOILS (Type & Texture): Lafitte-Clovelly association; Spoil levee.

V. SALINITY: soil salinity 5 ppt

VI. WAVE ACTION:

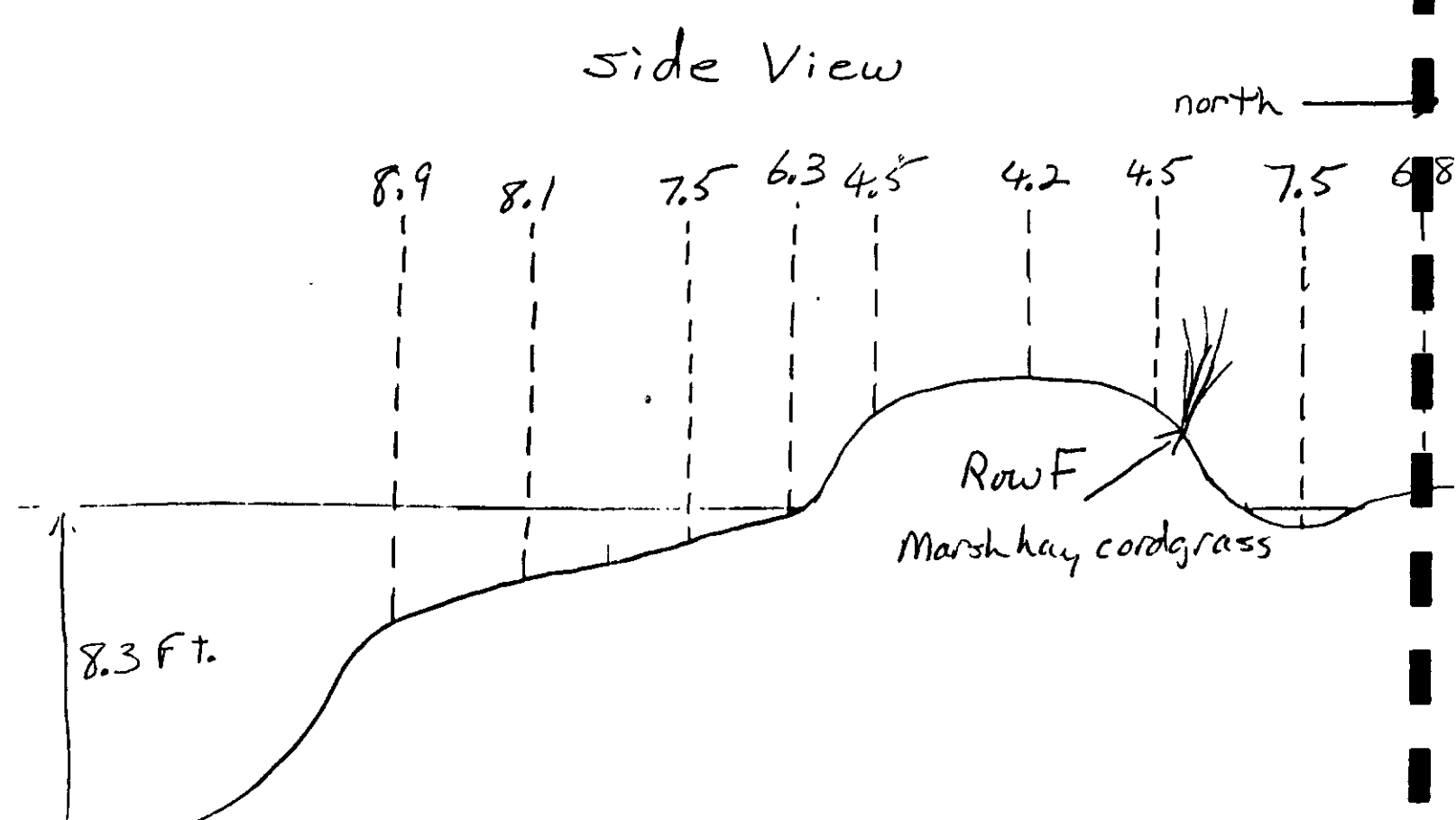
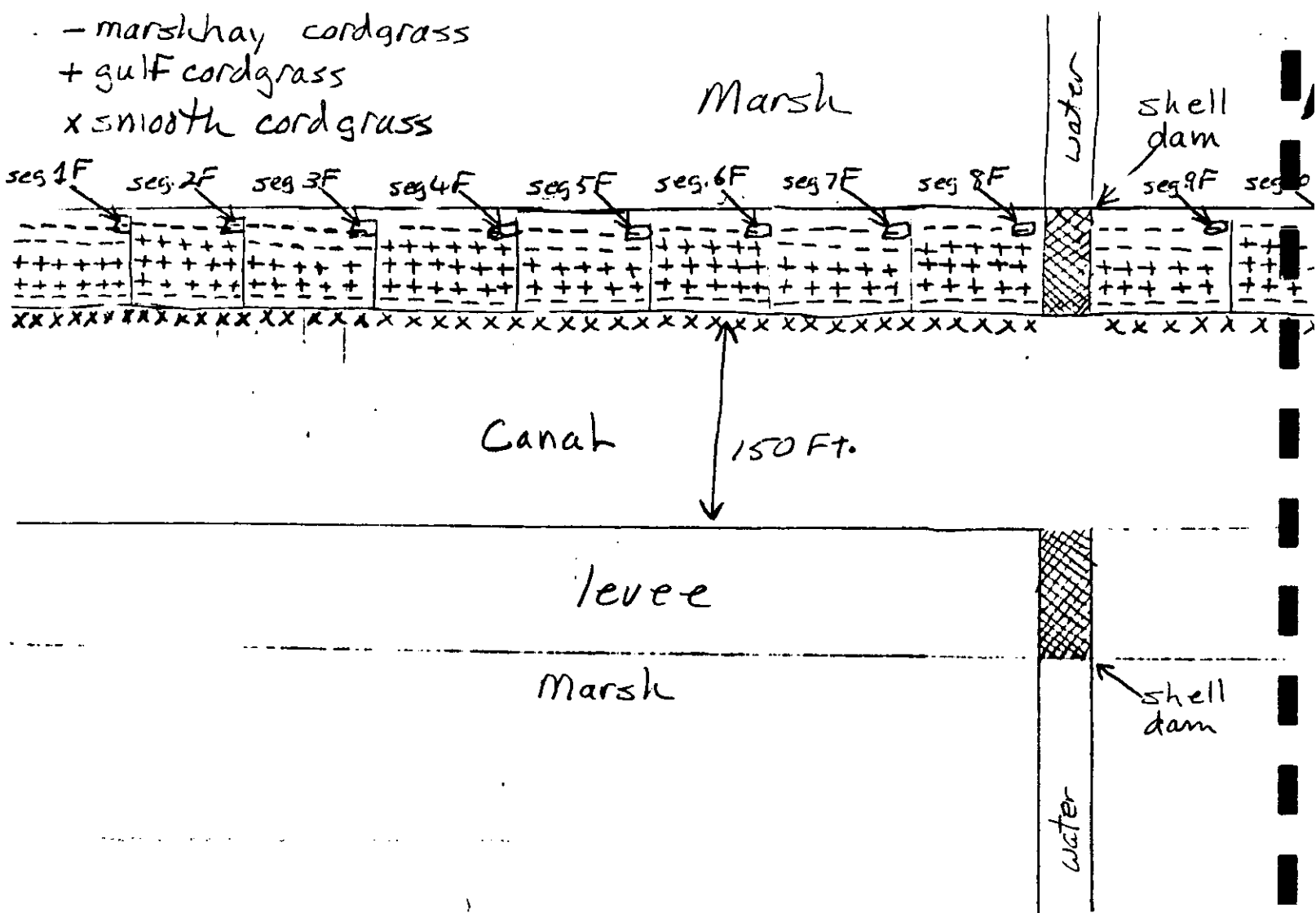
- (A) (*) wind and/or () boat
(B) (*) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:



**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 1A

DISTRICT Crescent SWCD

DATE OF PLANTING 5/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/2 4 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 1B

DISTRICT Crescent SWCD

DATE OF PLANTING 5/4/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

30

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5/3 1/9 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Evident causes of plant loss in this segment were herbivory and hot, dry weather conditions at planting time.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 1C

DISTRICT Crescent SWCD

DATE OF PLANTING 5/6/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

29

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

54

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6/5 1.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plant survival in this segment was affected by both drought at planting time and herbivory. Even where plant survival and stem counts are good, there is much evidence of herbivore damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 1D

DISTRICT Crescent SWCD

DATE OF PLANTING 5/10/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

28

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

58

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3/5 .6 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Herbivory and hot, dry weather conditions at planting time were evident of plant mortality.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 1E

DISTRICT Crescent SWCD

DATE OF PLANTING 5/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass
10,000

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

40
11

C. How many plants are living in this sample segment?

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

5

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/2 0 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plant survival in this segment was affected by drought and herbivory.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plant survival in this segment was affected by drought and herbivory. Plants not protected by N.E.D.'s are eaten down to 4"-5" tall. Protected plants are 15"-24" tall.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2A

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

47

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

20/2 10 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants have a healthy, dark green color, thick stems, and an overall robust appearance, but many stems and shoots are nipped off by nutria as they grow out of chicken-wire cages.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2B

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass
10,000

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

17

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

15

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3/2 1.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2C

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

32

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

62

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/6 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2D

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

24

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

17

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3/2 1.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Most living plants not protected by N.E.D.'s show heavy herbivore damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2E

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

23

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

1

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/1 0 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 2F

DISTRICT Crescent SWCD

DATE OF PLANTING 5/17/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

7

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

2

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/1 0 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 3A

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted** (scientific name and common name)

Spartina alteriflora
Smooth cordgrass

A. How many plants where originally planted in this task?

2,000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

17

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/2 4.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Smooth cordgrass in this segment is pale and less vigorous than in other areas in the project, but still showing new growth. The levee adjacent to the smooth cordgrass in this segment was rebuilt only 2 years ago, the more recently dredged spoil seems to provide an excellent medium for marshhay cordgrass and gulf cordgrass planted directly in it, but it seems to have a negative effect on smooth cordgrass planted in the water near it.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 38

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

34

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

63

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6/5 1.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 3C

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

10,000

A. How many plants were originally planted in this task?

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

102

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/5 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 30

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

84

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/4 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 3E

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

24

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

52

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/4 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 3F

DISTRICT Crescent SWCD

DATE OF PLANTING 5/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

62

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/4 1.8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4A

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

19

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/2 6.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Nutria have eaten many new shoots and stems as they grow out of N.E.D.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4B

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

13

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/4 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

All plants not protected by N.E.D.'s are eaten down to 1-4 inches above ground. Some are eaten to the ground or have been pulled out. Those plants protected by N.E.D.'s are tall and healthy.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4C

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

17

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

8

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

All plants not protected by N.E.D.'s have been eaten nearly to the ground by nutria and rabbits, but are still surviving. All protected plants are healthy and producing seed heads.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4D

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

7

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

6

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/1 0 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants protected by N.E.D.'s are healthy and many are producing seed heads. Those unprotected are eaten down to 1-4 inches from the ground.

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4E

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

14

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

9

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3/3 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants protected by N.E.D.'s are healthy and producing seed heads. Some unprotected plants have 10 or more stems but are eaten down to several inches.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 4F

DISTRICT Crescent SWCD

DATE OF PLANTING 5/25/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

13

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2.5/3 .8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants protected by N.E.D.'s are tall and healthy. Those unprotected are eaten down to 1-8 inches.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5A

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

23

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/2 6.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5B

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

33

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

38

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

12/5 2.4 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

All plants, even healthy ones with good stem counts, have been fed on by rabbits and nutria.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5C

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

37

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

81

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

11/5 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5D

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

30

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

51

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

15/5 3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5E

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

24

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 X

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 64

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 12/4 3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 5F

DISTRICT Crescent SWCD

DATE OF PLANTING 5/31/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

8

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/1.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Healthy plants showing lots of new growth with surprisingly little nutria damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 6A

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

25

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14/2 7 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

All plants have a dark green color, thick stems, and many new shoots. For some reason, nutria haven't damaged these smooth cordgrass plants as seriously as in other areas.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 68

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cograss

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

36

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

153

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

11/5 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plant vigor and appearance is good, but all show herbivore damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 6C

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

37

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

34

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/4 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 6D

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

33

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

56

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/5 1.4 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Most plants are alive and healthy, but all show heavy herbavore damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 6E

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

37

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

37

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/4 1.8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Forty percent of the plants have seed heads.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 6F

DISTRICT Crescent SWCD

DATE OF PLANTING 6/3/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

35

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

21

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14/3 4.6 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7A

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

71

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

21/2 10.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

About 50% of all new stems and shoots are eaten, down to the N.E.P.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7B

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted** (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

59

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

12/4 3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7C

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

32

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

65

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6/5 1.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7D

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

74

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/4 1.8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7E

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

31

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

50

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/5 1.6 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 7F

DISTRICT Crescent SWCD

DATE OF PLANTING 6/8/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

32

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

119

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/5 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
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1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8A

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

39

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

18/2 9 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Healthy, dark green plants with robust appearance.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8B

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

35

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

28

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/4 1.8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Unprotected plants show heavy herbivore damage. Protected plants are tall and healthy.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8C

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

37

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

43

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5/4 1.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
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1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8D

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

36

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

26

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/3 1/3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8E

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae
Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

34

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

9

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/1 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 8F

DISTRICT Crescent SWCD

DATE OF PLANTING 6/13/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

20

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6/3 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 9A

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

36

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14/2 7 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 98

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

24

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

147

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/5 1.6 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is being used as a control group for a fertilizer test plot installed by the Plant Materials Center.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 9C

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

94

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/5 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is being used as a control group for a fertilizer test plot installed by the Plant Materials Center.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 90

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

40

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

147

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

11/5 2.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is being used as a control group for a fertilizer test plot installed by the Plant Materials Center.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 9E

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

35

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

191

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

19/5 3.8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is being used as a control group for a fertilizer test plot installed by the Plant Materials Center.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 9F

DISTRICT Crescent SWCD

DATE OF PLANTING 6/15/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens
Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

37

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

129

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

21/5 4.2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is being used as a control group for a fertilizer test plot installed by the Plant Materials Center.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 10A

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants were originally planted in this task?

2,000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

32

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7/2 3.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 10B

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

32

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

30

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 10C

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

35

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

58

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/3 1.3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 100

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

32

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

32

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/4 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 10E

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breau/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina spartinae

Gulf cordgrass

A. How many plants where originally planted in this task?

10,000

B. How many plants where originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

24

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

27

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4/3 1.3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 2 (Little Lake Hunting Club)

SEGMENT # 10F

DISTRICT Crescent SWCD

DATE OF PLANTING 6/20/94

PARISH Jefferson

MONITORING DATE 8/3/94

INFORMATION PREPARED BY J. Breaux/A. Bolotte

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants were originally planted in this task?

10,000

B. How many plants were originally planted in this sample segment?

40

C. How many plants are living in this sample segment?

21

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

106

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/3 3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

GULF COAST DISTRICT

- Task 3: '94 Mud Lake**
- Task 4: Little Pecan Bayou**
- Task 5: Shell Western**
- Task 6: Boudreaux Lake**
- Task 7: Tebo Point Shoreline Protection**

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 3

DISTRICT: Gulf Coast SWCD

PROJECT NAME: '94 Mud Lake

PROJECT LOCATION: T-14S, R-11W, Section 19 of Cameron
Parish, Louisiana.

PROJECT OBJECTIVES: To re-establish stands of emergent
vegetation in the interior marsh that has been
lost due to marsh erosion.

PROJECT FEATURES: Planting 2000 gallon size plugs of Smooth
Cordgrass (*Spartina alterniflora*) in a single row
around individual islands of emergent marsh.
Planting will be done only where cut bank is less
than 6" below marsh level. The gallon size plugs
will be planted on 5' spacing. Proposed distance
to be planted is 10,000 feet at an estimated cost
of \$10,500.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST

PROJECT NAME: MUD LAKE

SITE EVALUATOR: R. MARCANTEL, C. MIDKIFF

DATE: 6-1-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
----------------	-----------------	----------------	----------------	--------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>1</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>1</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>2</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 9

0-5 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

PROJECT LOCATION

EAST MUD LAKE

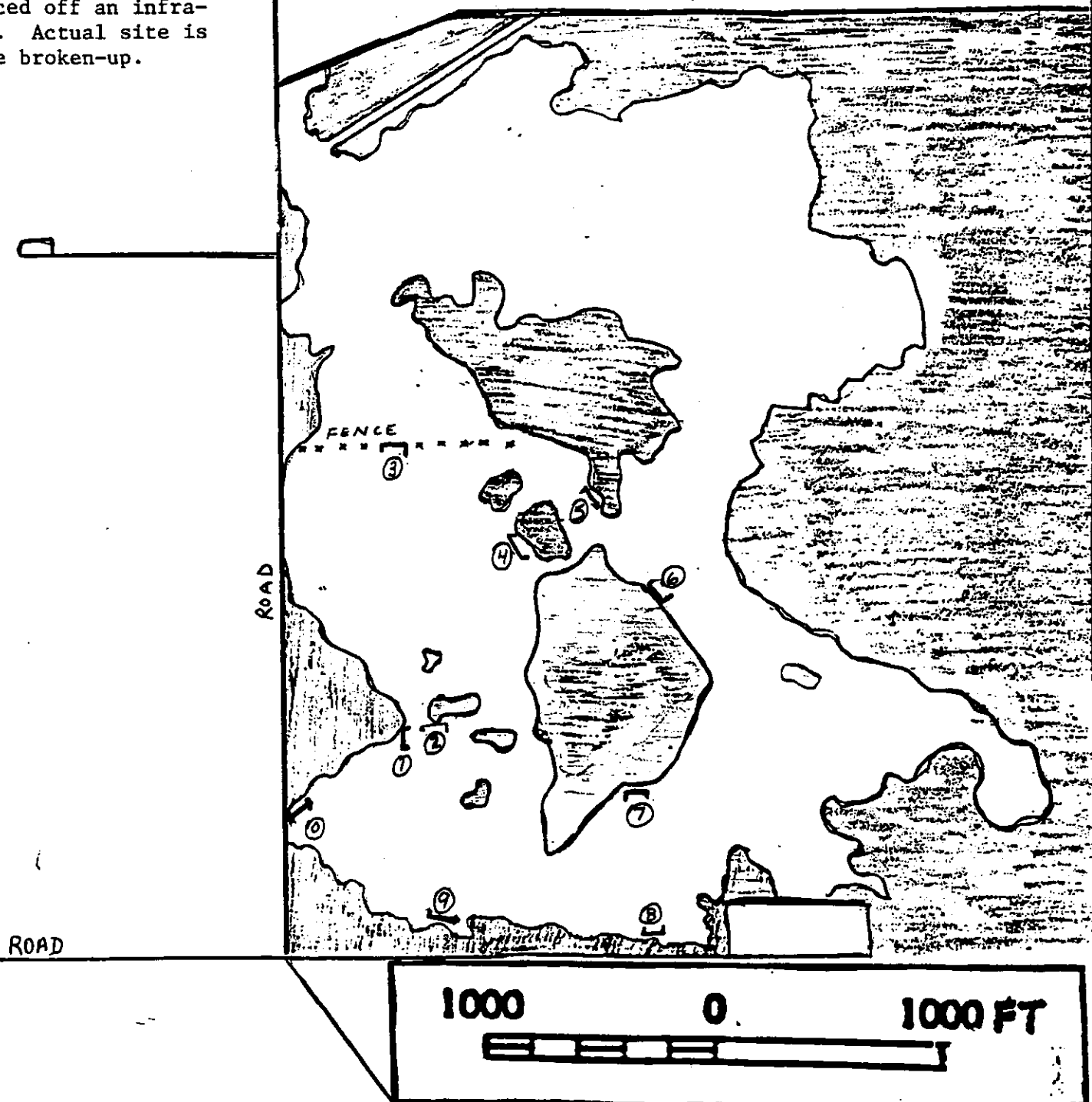
GAS FIELD

'94 MUDLAKE PROJECT

MONITORING SEGMENT MAP

TASK: #3

Estimated location of
Monitoring Segments
traced off an infra-
red. Actual site is
more broken-up.



'94 MUDLAKE PROJECT

MONITORING SEGMENT MAP

TASK: #3

USDA-SCS
Alexandria, La.

LA-CPA-2
7/87

SOIL NAME: CREOLE MUCKY CLAY
SOIL SYMBOL: CR
CAPABILITY UNIT: VIIW2

These are nearly level, clayey soils with loamy surface layers. The Crowley soils are on the intermound areas. They have a very strongly acid, dark grayish brown, silt loam surface layer about 10 inches thick. The subsurface layer is strongly acid, grayish brown silt loam about 15 inches thick. The subsoil extends to about 65 inches. It is strongly acid, gray silty clay in the upper part; and moderately acid, gray clay loam in the lower part. The Vidrine soils are on mounds that are circular in shape and range from about 8 inches thick. The subsoil extends to about 60 inches. It is strongly acid, brownish gray silty clay and silty clay loam in the lower part.

These somewhat poorly drained soils are moderate in fertility. Runoff is slow. Plant roots penetrate the soil easily. Water and air move at a slow rate through the soil. These soils are wet for somewhat long periods in the summer and fall. These soils have high shrink-swell potential in the subsoil.

The potential for cropland and pastureland is good. The nearly level slopes, loamy texture and moderate fertility make these desirable soils for this use, however, their wetness is an unfavorable feature. The main suitable crops are soybeans, rice, sorghum, corn, oats, and wheat. The main suitable pasture plants are common bermudagrass, hybrid bermudagrass, bahiagrass, dallisgrass and ryegrass. Good tilth is somewhat difficult to maintain. Surface crusts form easily when clean-tilled. Traffic pans develop easily, but they can be broken by chiseling or deep plowing. A drainage system is needed to remove excess surface water. Land leveling or smoothing (water leveling for rice) will improve surface drainage and increase the efficiency of farm equipment. Crop residue on the surface will help maintain organic content, reduce crusting and reduce soil losses by erosion. Most crops respond well to fertilizers. Lime may be needed.

The potential for urban use is poor. The high shrink-swell potentials of the subsoil and wetness are the main limitations.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/11/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 0

I. BANK CONFIGURATION:

- | | |
|-----------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: SE | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .4' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: W TO E | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 0 | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/11/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 1

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 2000' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: SE | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .5' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: N TO S | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 0 | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/12/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 2000' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .8' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: W TO E | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 0 | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) (x) wind and/or () boat
(B) (x) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

- (x) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/13/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 3500' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: S | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: 1.0' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: W TO E | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/13/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|-----------------------------|---------------------------------|
| (A) Distance of Fetch: 700' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: SW | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .8' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|-------------------------------|
| (A) Direction of Rows: NW TO SE | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture):

Creole/clay

V. SALINITY:

11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/14/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 5

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 1000' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: SE | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: 1.0' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: W TO E | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/14/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 6

I. BANK CONFIGURATION:

- | | |
|-----------------------------|---------------------------------|
| (A) Distance of Fetch: 150' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: E | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .6' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: N TO S | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/18/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 7

I. BANK CONFIGURATION:

- | | |
|-----------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: SE | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .7' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: W TO E | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) (x) wind and/or () boat
(B) (x) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

- (x) good, () moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/18/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 8

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 1000' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NW | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .2' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: E TO W | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DISTRICT: Gulf Coast

DATE OF PLANTING: 4/18/94

PARISH: Cameron

DATE OF MONITORING: 2/7/94

MONITORS: Doug Miller
Clay Midkiff
Lowell Thompson

SEGMENT NO: 9

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 3000' | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: N | (E) Pond Bottom Elevation: 5.5' |
| (C) Water Depth: .5' | (F) Slope of Bank: .2' TO 10' |

Comments: Planting shoreline of broken-up islands. Measurements of distance are approximate.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-------------------------------|
| (A) Direction of Rows: E TO W | (D) Spacing Between Rows: N/A |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 200' | |

Comments: Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Creole/clay

V. SALINITY: 11 ppt

VI. WAVE ACTION:

- (A) (x) wind and/or () boat
(B) (x) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

- (x) good, () moderate, () poor, () very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 0

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/11/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake
SEGMENT # 1

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/11/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

6

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 3 Mud Lake

SEGMENT # 2

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/12/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

4

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

1 1/2"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 3

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/13/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alteriflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

11

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 1

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants that were growing looked good.
They were either beautiful or dead.
This segment did not represent the
whole row. Most of the dead plants
occured in the monitoring segment.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 4

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/13/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

15

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 2

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 1"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Most plants that were dead were planted right near the bank. Plants away from the bank looked good.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake
SEGMENT # 5

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/14/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

6

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants that were growing looked good.
Dead plants were right next to bank.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake
SEGMENT # 6

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/14/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

17

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

x

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Dead plants were right on the bank.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 7

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/18/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

13

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

5

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Dead plants were right on the bank.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 8

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/18/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

x

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This entire segment was planted away from the bank.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 3 Mud Lake

SEGMENT # 9

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/18/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

9

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Over all project survival seemed to be approximately 75%.
Most dead plants were right on the bank.
Plants away from the bank in water (up to 1.5' deep) looked good.

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 4

DISTRICT: Gulf Coast SWCD

PROJECT NAME: Little Pecan Bayou

PROJECT LOCATION: T-14S, R-4W, Section 32 and 33 of Cameron
Parish, Louisiana.

PROJECT OBJECTIVES: To re-establish stands of emergent
vegetation in the interior marsh that has been
lost due to marsh erosion.

PROJECT FEATURES: Planting 2000 gallon size plugs of Smooth
Cordgrass (*Spartina alterniflora*) in a single row
around individual islands of emergent marsh.
Planting will be done only where cut bank is less
than 6" below marsh level. The gallon size plugs
will be planted on 5' spacing. Proposed distance
to be planted is 10,000 feet at an estimated cost
of \$11,500.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST DISTRICT

PROJECT NAME: LITTLE PECAN BAYOU

SITE EVALUATOR: R. MARCANTEL, C. MIDKIFF, S. McBRIDE

DATE: 6-14-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

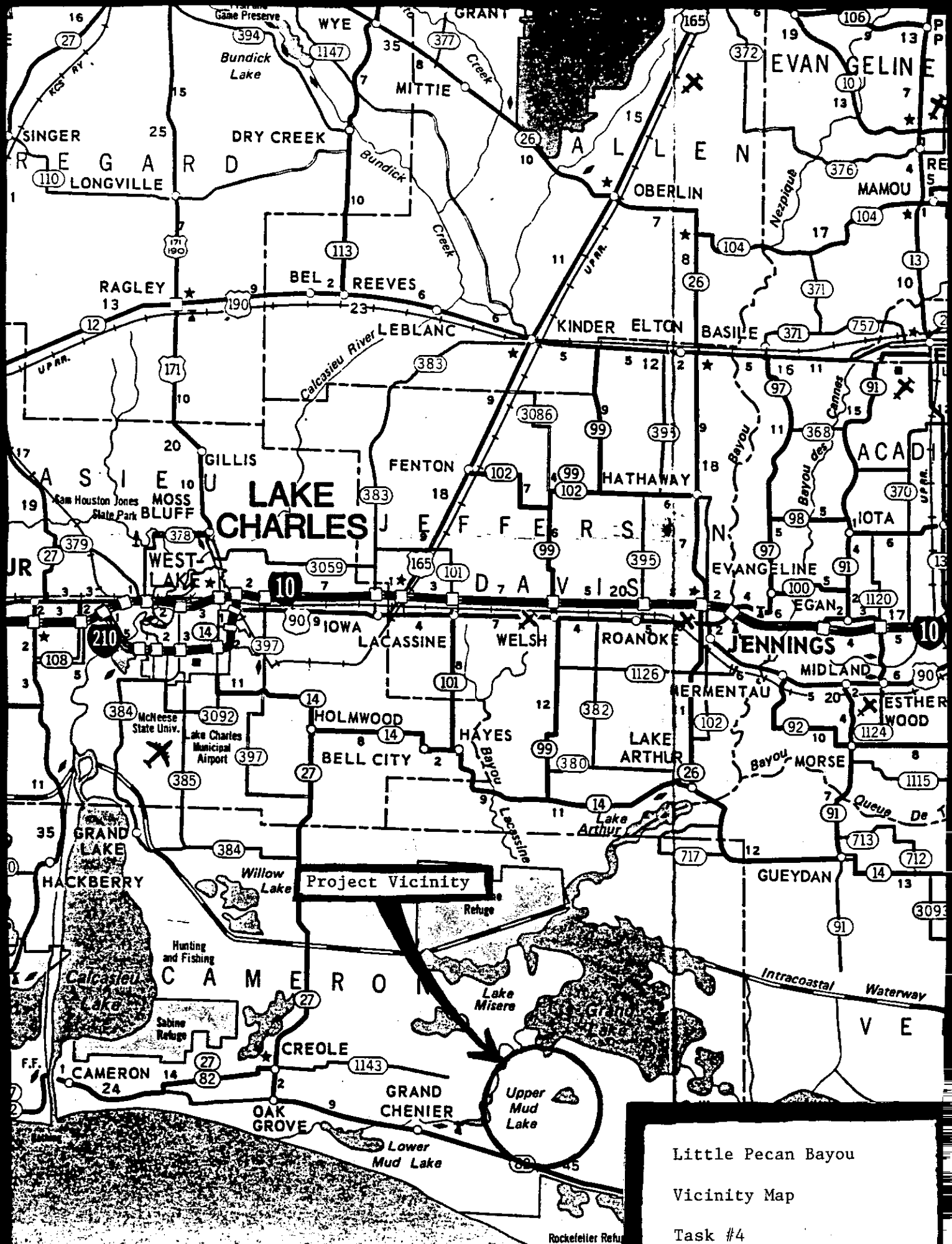
SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>1</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION



Pecan Island
Landing Strip

28

Lake
Islands

Island

segment #0

segment #2

segment #3

segment #6

segment #8

segment #4

segment #1

segment #7

segment #5

segment #9

LITTLE PECAN BAYOU

MONITORING SEGMENT MAP

TASK #4

1000 ft.

-130-

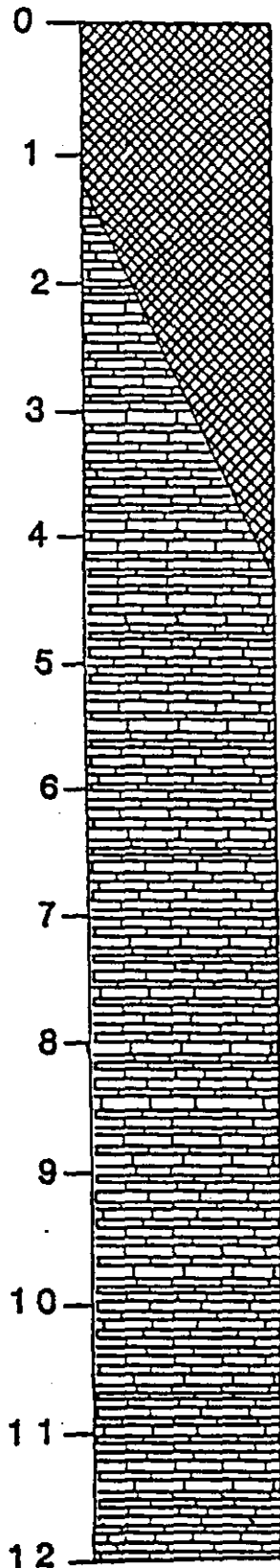
SOIL PROFILE

SOIL NAME: CLOVELLY MUCK

SOIL SYMBOL: CO

CAPABILITY UNIT: VIIW3

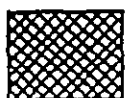
FT.



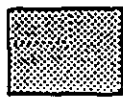
This deep, level, very poorly drained brackish marsh soil occupies low elevations along major drainageways. The surface layer is slightly acid, very dark grayish brown organic material about 36 inches thick. The underlying layer is neutral black and gray semifluid clay. Small areas of other soils with different properties may be included with this soil.

The level of moderately saline water is near or above the soil surface most of the year. During storm tides this soil is covered by as much as 3 feet of water. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the mineral layers. This soil will not support human or livestock traffic. If disturbed the soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, salinity, low strength, and poor accessibility.



ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/23/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 0

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 600' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: west | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands
Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/23/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 1

I. BANK CONFIGURATION:

(A) Distance of Fetch: 150'	(D) Marsh Level: 5.2'
(B) Direction of Fetch: west	(E) Pond Bottom Elevation: 5.8'
(C) Water Depth: .3'	(F) Slope of Bank: .4 TO 1ST 5'
	.1 TO 2ND 5'

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

(A) Direction of Rows: n/a	(D) Spacing Between Rows: n/a
(B) Spacing in Rows: 5'	(E) Number of Rows: 1
(C) Distance from Bank: 2'	

Comments: Planting around broken-up islands
Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

(A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/24/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 850' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: southwest | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands
Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/24/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 1000' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: west | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands
Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/27/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 4

I. BANK CONFIGURATION:

(A) Distance of Fetch: 200'	(D) Marsh Level: 5.2'
(B) Direction of Fetch: northeast	(E) Pond Bottom Elevation: 5.8'
(C) Water Depth: .3'	(F) Slope of Bank: .4 TO 1ST 5'
	.1 TO 2ND 5'

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

(A) Direction of Rows: n/a	(D) Spacing Between Rows: n/a
(B) Spacing in Rows: 5'	(E) Number of Rows: 1
(C) Distance from Bank: 2'	

Comments: Planting around broken-up islands
Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a
(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

(A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/27/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 5

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 300' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: southeast | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands

Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

DISTRICT: GULF COAST

DATE OF PLANTING: 6/28/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 6

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 250' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: north | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands
Measurements of distance are approximate.

**III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a
(i.e. material used, size, shape, etc.) A picture will be included.**

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/28/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 7

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 1100' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: east | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands

Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/28/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 8

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: west | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands

Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4

DISTRICT: GULF COAST

DATE OF PLANTING: 6/28/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 9

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 50' | (D) Marsh Level: 5.2' |
| (B) Direction of Fetch: south | (E) Pond Bottom Elevation: 5.8' |
| (C) Water Depth: .3' | (F) Slope of Bank: .4 TO 1ST 5' |
| | .1 TO 2ND 5' |

Comments: * Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|----------------------------|-------------------------------|
| (A) Direction of Rows: n/a | (D) Spacing Between Rows: n/a |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 2' | |

Comments: Planting around broken-up islands
Measurements of distance are approximate.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 4 (Little Pecan Bayou)

SEGMENT # 0

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/23/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller / C. Midfiff / T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants are in stress possibly because the salinities are low.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 4 (Little Pecan Bayou)

SEGMENT # 1

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/23/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

6

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

1"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants are in stress possibly because the salinities are low.

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 4 (Little Pecan Bayou)

SEGMENT # 2

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/24/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff /T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hycinth

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 4 (Little Pecan Bayou)

SEGMENT # 3

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/24/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/C. Midfkiff/T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

6

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 4 (Little Pecan Bayou)

SEGMENT # 4

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/27/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 17

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 6

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____Y

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 4 (Little Pecan Bayou)

SEGMENT # 5

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/27/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

16

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6 "

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 4 (Little Pecan Bayou)

SEGMENT # 6

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/28/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff/T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

 X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

7

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

1 "

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 4 (Little Pecan Bayou)

SEGMENT # 7

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/28/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3 "

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 4 (Little Pecan Bayou)

SEGMENT # 8

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/28/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

16

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5 "

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 4 (Little Pecan Bayou)

SEGMENT # 9

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 6/28/94

PARISH Cameron

MONITORING DATE 8/3/94

INFORMATION PREPARED BY D. Miller/C. Midkiff/ T. Landry

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

15

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 5

DISTRICT: Gulf Coast SWCD

PROJECT NAME: Shell Western

PROJECT LOCATION: T-12S, R-11W, Section 12 of Cameron
Parish, Louisiana. The project area is
immediately west of Black Lake.

PROJECT OBJECTIVES: To create a living fence which will
1) reduce wind generated wave action, 2) reduce
turbidity, 3) produce detritus, 4) encourage
submerged aquatic vegetation, 5) trap sediments,
6) increase the food production for waterfowl,
furbearers, alligators, and fisheries.

PROJECT FEATURES: Plant one gallon plugs of California
Bulrush (*Scirpus californicus*) in five rows, each
row will be 2000 feet in length. The rows will
be spaced approximately 200 feet apart. The
gallon plugs will spaced 5' apart within the row.
Materials needed are 2040 one gallon plugs of
California Bulrush.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST DISTRICT

PROJECT NAME: SHELL WESTERN

SITE EVALUATOR: R. MARCANTEL, C. MIDKIFF

DATE: 6-1-9

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT
----------------	-----------------	----------------	----------------	-------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>1</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

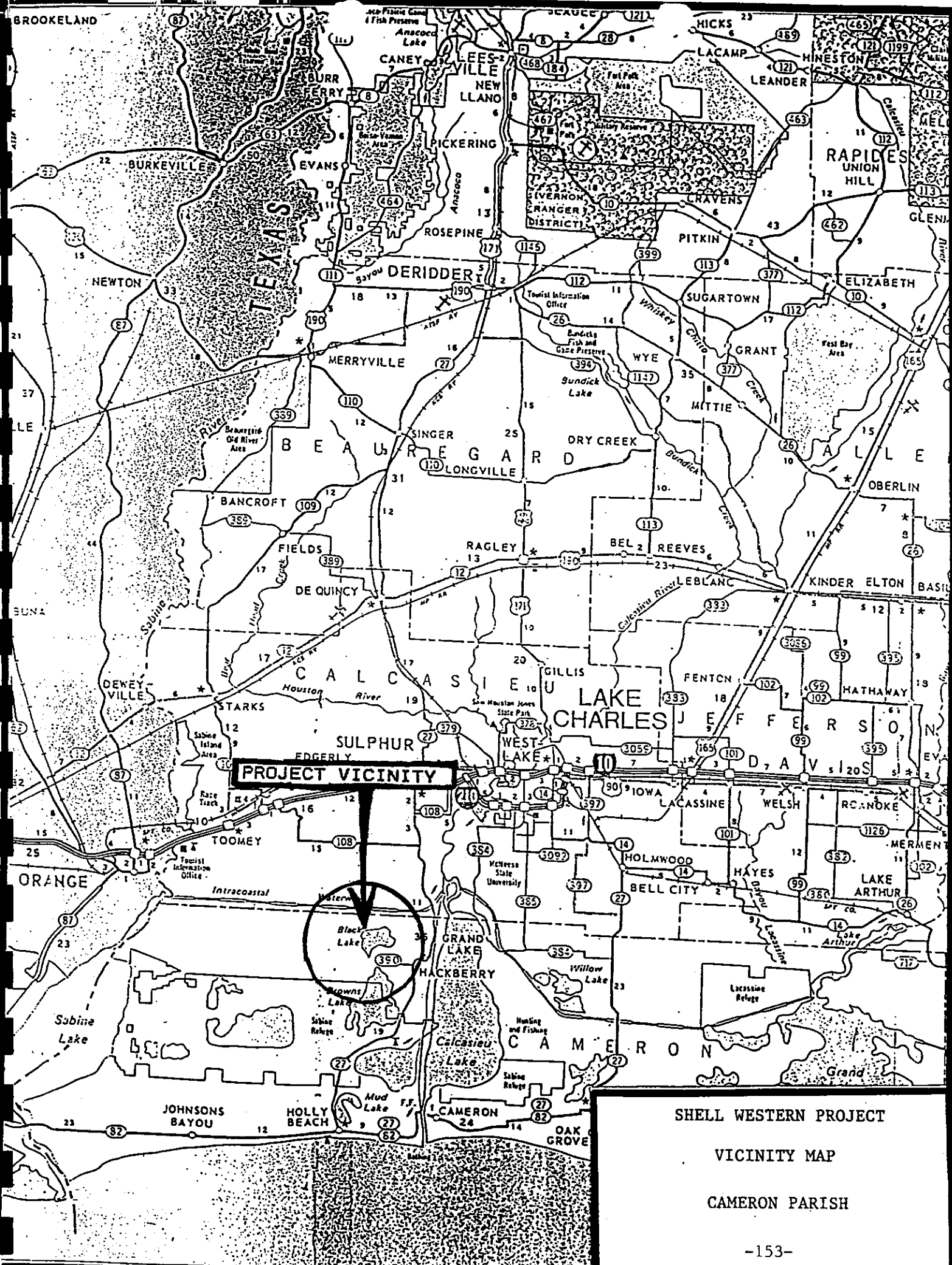
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>

HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

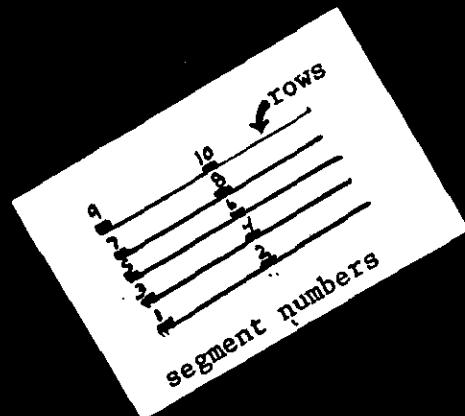
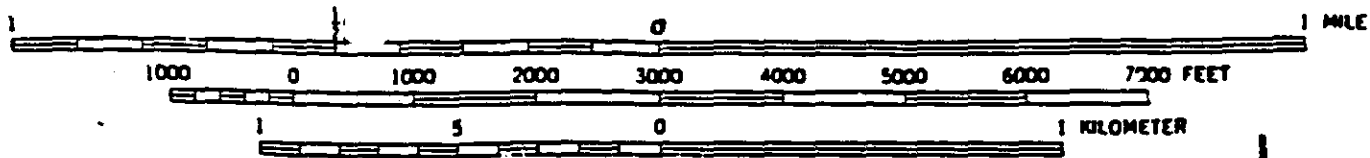
(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION



SHELL WESTERN PROJECT
VICINITY MAP
CAMERON PARISH



SHELL WESTERN

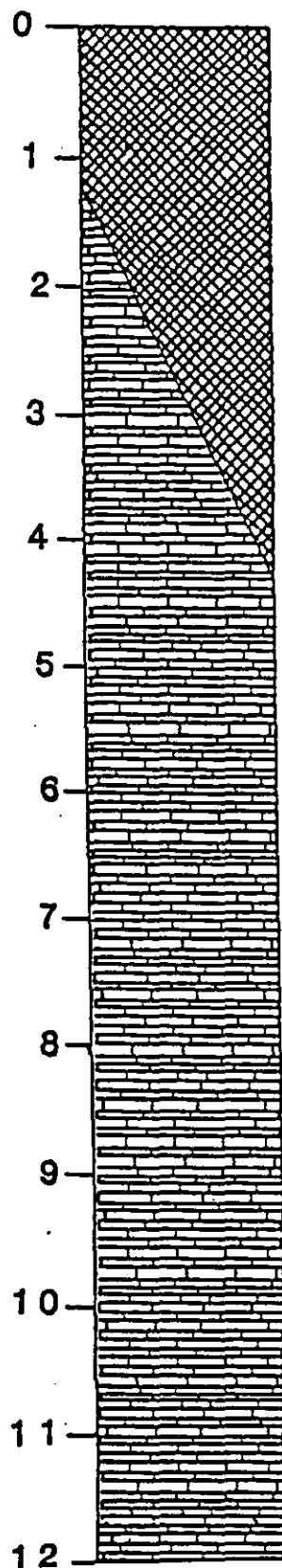
MONITORING SEGMENT MAP

TASK: #5

SOIL PROFILE

SOIL NAME: CLOVELLY MUCK
SOIL SYMBOL: CO
CAPABILITY UNIT: VIIW3

FT.



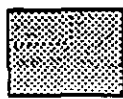
This deep, level, very poorly drained brackish marsh soil occupies low elevations along major drainageways. The surface layer is slightly acid, very dark grayish brown organic material about 36 inches thick. The underlying layer is neutral black and gray semifluid clay. Small areas of other soils with different properties may be included with this soil.

The level of moderately saline water is near or above the soil surface most of the year. During storm tides this soil is covered by as much as 3 feet of water. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the mineral layers. This soil will not support human or livestock traffic. If disturbed the soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, salinity, low strength, and poor accessibility.



ORGANIC



SANDY



LOAMY



CLAYE

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/21/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 0

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/21/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 1

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/21/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/21/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/22/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/26/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 5

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/26/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 6

I. BANK CONFIGURATION:

- | | |
|---------------------------------|-------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4. |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|-------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200 |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/27/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 7

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.9 |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/27/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 8

I. BANK CONFIGURATION:

- | | |
|---------------------------------|-------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4. |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|-------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200 |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- | |
|--|
| (A) (<input checked="" type="checkbox"/>) wind and/or (<input type="checkbox"/>) boat |
| (B) (<input checked="" type="checkbox"/>) light, (<input type="checkbox"/>) medium, (<input type="checkbox"/>) heavy |

Comments:

VII. TRAFFICABILITY:

(☐) good, (☐) moderate, (☒) poor, (☐) very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 5

DISTRICT: GULF COAST

DATE OF PLANTING: 4/28/94

PARISH: CAMERON

DATE OF MONITORING: 3/3/94

MONITORS: DOUG MILLER
LOWELL THOMPSON

SEGMENT NO: 9

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 6.0' |
| (B) Direction of Fetch: SOUTH | (E) Pond Bottom Elevation: 4.5' |
| (C) Water Depth: 1.4' | (F) Slope of Bank: N/A |

Comments: Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|--------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 200' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 2500' | |

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included

IV. SOILS (Type & Texture): CLOVELY / MUCK

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 5 Shell Western

SEGMENT # 0

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/21/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000 TG

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 16

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 9"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedhead's are catching submerged aquatic vegetation.

(SAV's)

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 1

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 4/21/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

13

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 2

DISTRICT Gulf Coast

DATE OF PLANTING 4/21/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

34

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 3

DISTRICT Gulf Coast

DATE OF PLANTING 4/21/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

24

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 4

DISTRICT Gulf Coast

DATE OF PLANTING 4/22/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 24

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 8"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 5

DISTRICT Gulf Coast

DATE OF PLANTING 4/26/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

25

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed heads Catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 6

DISTRICT Gulf Coast

DATE OF PLANTING 4/26/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

7"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedhead catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 7

DISTRICT Gulf Coast

DATE OF PLANTING 4/27/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

25

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed head catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western
SEGMENT # 8

DISTRICT Gulf Coast

DATE OF PLANTING 4/27/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 x

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 16"

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 8"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed heads catching SAV's

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 5 Shell Western

SEGMENT # 9

DISTRICT Gulf Coast

DATE OF PLANTING 4/28/94

PARISH Cameron

MONITORING DATE 6/9/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

16

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

17

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed heads are catching SAV's
This area may have had a softer bottom than other areas.

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 6

DISTRICT: Gulf Coast SWCD

PROJECT NAME: Boudreaux Lake

PROJECT LOCATION: T-13S, R-7W, Section 29 of Cameron Parish, Louisiana. The project area is immediately south of Boudreaux Lake in the Cameron-Creole watershed area.

PROJECT OBJECTIVES: To create a living fence which will
1) reduce wind generated wave action, 2) reduce turbidity, 3) produce detritus, 4) encourage submerged aquatic vegetation, 5) trap sediments, 6) increase the food production for waterfowl, furbearers, alligators, and fisheries.

PROJECT FEATURES: Plant one gallon plugs of California Bulrush (*Scirpus californicus*) in five rows, each row will be 2000 feet in length. The rows will be spaced approximately 200 feet apart. The gallon plugs will spaced 5' apart within the row. Materials needed are 2000 one gallon plugs of California Bulrush.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST DISTRICT

PROJECT NAME: LAKE BOUDREAU

SITE EVALUATOR: R. MARCANTEL, C. MIDKIFF, S. McBRIDE

DATE: 6-14-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
----------------	-----------------	----------------	----------------	--------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>1</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

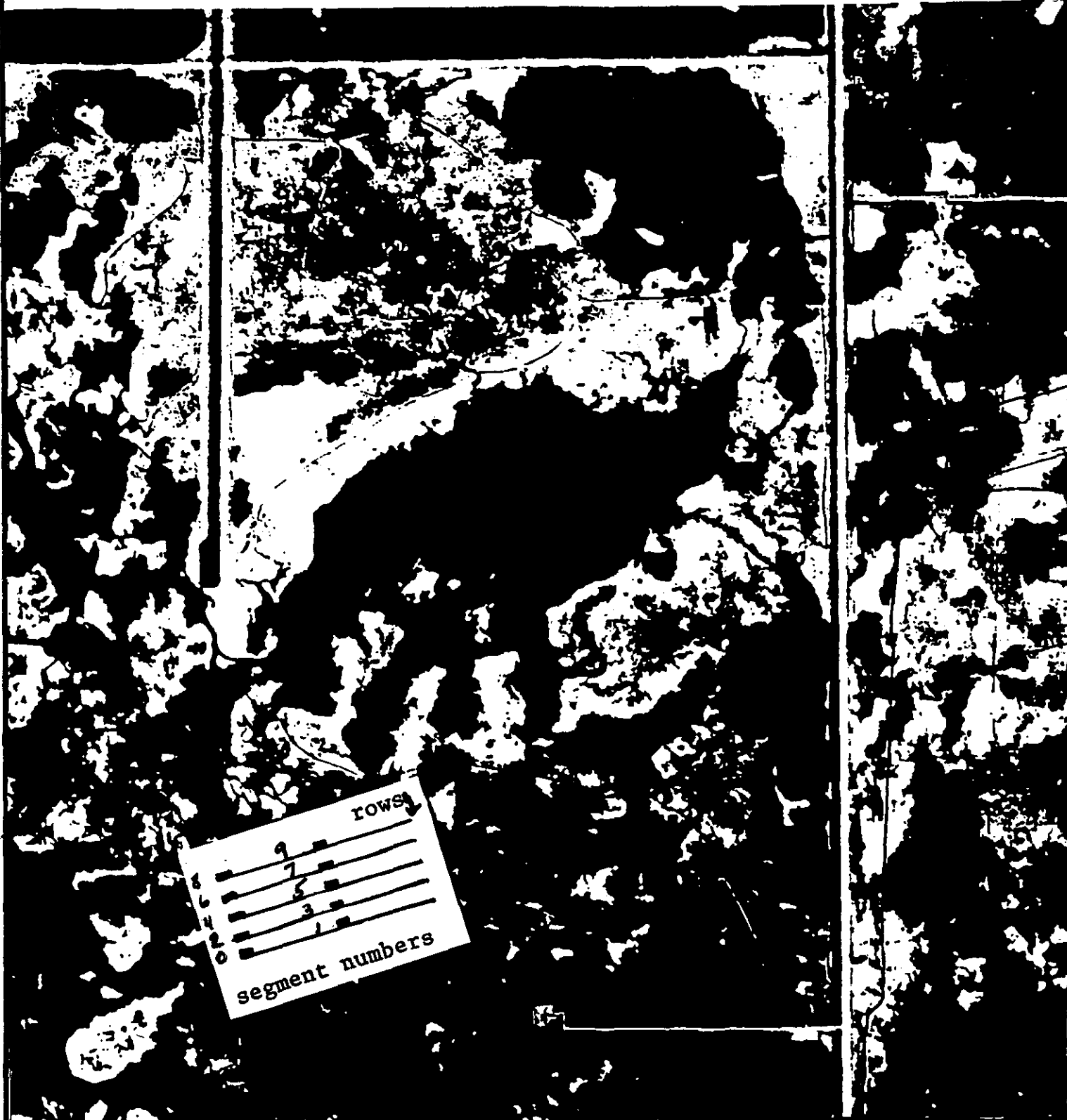
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)

0 500' 1000' 2000' 3000' 4000' 5000' 6000' 7000' 8000' 9000' 10,000'

1/4 Mi. 1/2 Mi. 1 Mi.

3.168"=1 Mi. 1"=1667'



	rows
9	■
7	■
5	■
3	■
1	■
segment numbers	

BOUDREAUX LAKE

MONITORING SEGMENT MAP

TASK: #5

SOIL PROFILE

SOIL NAME: ALLEMANDS PEAT

SOIL SYMBOL: AE

CAPABILITY UNIT: VIIW3

This series consists of very poorly drained semi-fluid organic soils which occupy large freshwater marsh areas. These soils are near mean sea level along the landward side of marshes or along distributary channels buried under the marsh. The salinity ranges from 0 to 5 ppt.

Allemands soils are geographically associated with the Kenner. Larose, Barbary, Clovelly, Ged, and Lafitte soils. The Barbary, Ged, and Larose soils have thin organic surface layers. The Kenner and Lafitte soils have thicker organic layers, and Lafitte and Clovelly occupy brackish marsh rather than fresh.

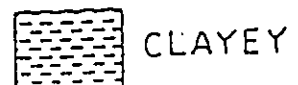
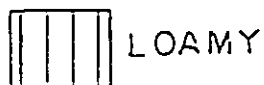
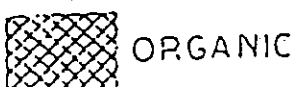
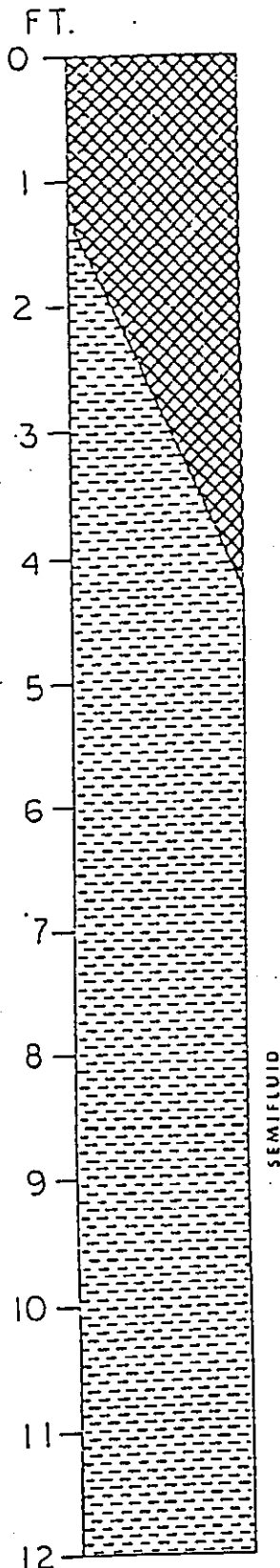
Soil Characteristics

The organic surface layers are black peat or muck 16 to 51 inches thick. The underlying mineral layers are gray semi-fluid clayey material. The reaction of the organic layers ranges from neutral to strongly acid and the mineral layers range from strongly acid to moderately alkaline. After drainage, the upper 15 inches range to extremely acid and the organic layer will be firmer.

Use and management

The major land use for this soil is related to wildlife. Most of it is managed for hunting, trapping, and fishing. Deer, alligator, crawfish, rabbit, nutria, and duck populations are usually high. The typical plants growing on this soil are maidencane, bulltongue, alligatorweed, cattail, giant cutgrass, pickerelweed, smartweed and common rush. Scattered bald cypress trees are on this soil adjoining swamps.

The dominant limitations influencing the use and management of the Allemands soil are the high subsidence potential, low bearing strength, danger of deep flooding during storms and the threat of salt water intrusion which could change the vegetative type. Structures such as weirs require piling due to the low soil strength. When these soils are drained they become extremely acid and subside below sea level. Maintenance cost of urban and residential development are high due to pumping costs and damage to sidewalks, driveways, porches, and underground utilities.



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/10/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 0

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/9/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 2

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

- () good, (X) moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/9/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 3

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/9/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 4

I. BANK CONFIGURATION:

(A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

(A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a
(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

(A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/6/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 5

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

- () good, (X) moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/6/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 6

I. BANK CONFIGURATION:

(A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

(A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a
(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

(A) ☒ wind and/or ☐ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/6/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 7

I. BANK CONFIGURATION:

(A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

(A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a
(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

(A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/4/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 8

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

- () good, (X) moderate, () poor, () very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DISTRICT: GULF COAST

DATE OF PLANTING: 5/4/94

PARISH: CAMERON

DATE OF MONITORING: 2/8/94
3/2/94

MONITORS: DOUG MILLER DOUG MILLER
CLAY MIDKIFF LOWELL THOMPSON
TOMMY BILES

SEGMENT NO: 9

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 2,000'-3,000' (D) Marsh Level: 5.2'
(B) Direction of Fetch: SOUTHEAST (E) Pond Bottom Elevation: 6.6'
(C) Water Depth: 1.8' (F) Slope of Bank: 1' CUTBANK

Comments: Measurements of distance are approximate
Planting in open water

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200'
(B) Spacing in Rows: 5' (E) Number of Rows: 5
(C) Distance from Bank: n/a

Comments: Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: n/a (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): ALLEMANDS / MUCKY CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) () light, (X) medium, () heavy

Comments:

VII. TRAFFICABILITY:

- () good, (X) moderate, () poor, () very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 0

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/10/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

13

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 6 (Boudreaux Lake)

SEGMENT # 1

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/10/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

16

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths
_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 2

DISTRICT Gulf Coast SWCD

PARISH Cameron

DATE OF PLANTING 5/9/94

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
Bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

17

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 6 (Boudreaux Lake)

SEGMENT # 3

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/9/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller ./ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants were originally planted in this task?

2000

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

3

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 4

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/9/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller /C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

23

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 6 (Boudreaux Lake)

SEGMENT # 5

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/6/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this
sample segment?

20

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living
plants found within the sample segment, enter total number

20

3. To determine lateral spread, working with only living plants
within the sample segment, measure from the center of the
plant to the farthest living shoot of that plant. Make only
one measurement per plant. To determine average lateral
spread for living plants within this sample segment, total all
the lateral measurements for all the living plants within the
segment and divide by the number of living plants within
that segment. Enter the average here

6"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths
_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 6

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/6/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

17

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 7

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/6/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 6 (Boudreaux Lake)

SEGMENT # 8

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/4/94

PARISH Cameron

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths
_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 6 (Boudreaux Lake)

SEGMENT # 9

DISTRICT Gulf Coast SWCD

PARISH Cameron

DATE OF PLANTING 5/4/94

MONITORING DATE 6/15/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

2000

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

7

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 7

DISTRICT: Gulf Coast SWCD

PROJECT NAME: Tebo Point Shoreline Protection

PROJECT LOCATION: T-14S, R-4W, within Cameron Parish, Louisiana. The project area is located along the northeast shoreline of Catfish Lake (southwestern Grand Lake).

PROJECT OBJECTIVES: To provide a living natural barrier against wave induced shoreline erosion. This shoreline has been retreating at a rapid rate. Currently, a very rapid shoreline retreat is buffered by a narrow vegetative marsh remnant.

PROJECT FEATURES: Plant 820 gallon containers of California Bulrush (*Scirpus californicus*) on one row. Plants will be spaced 5 feet apart on the row. Plantings will be made on the eroding shoreline of Tebo Point. Approximately 4,100 feet of shoreline will be planted.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST
 PROJECT NAME: TEBO POINT SHORELINE PROTECTION
 SITE EVALUATOR: CLAY MIDKIFF DATE: 10/93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>0</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>2</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

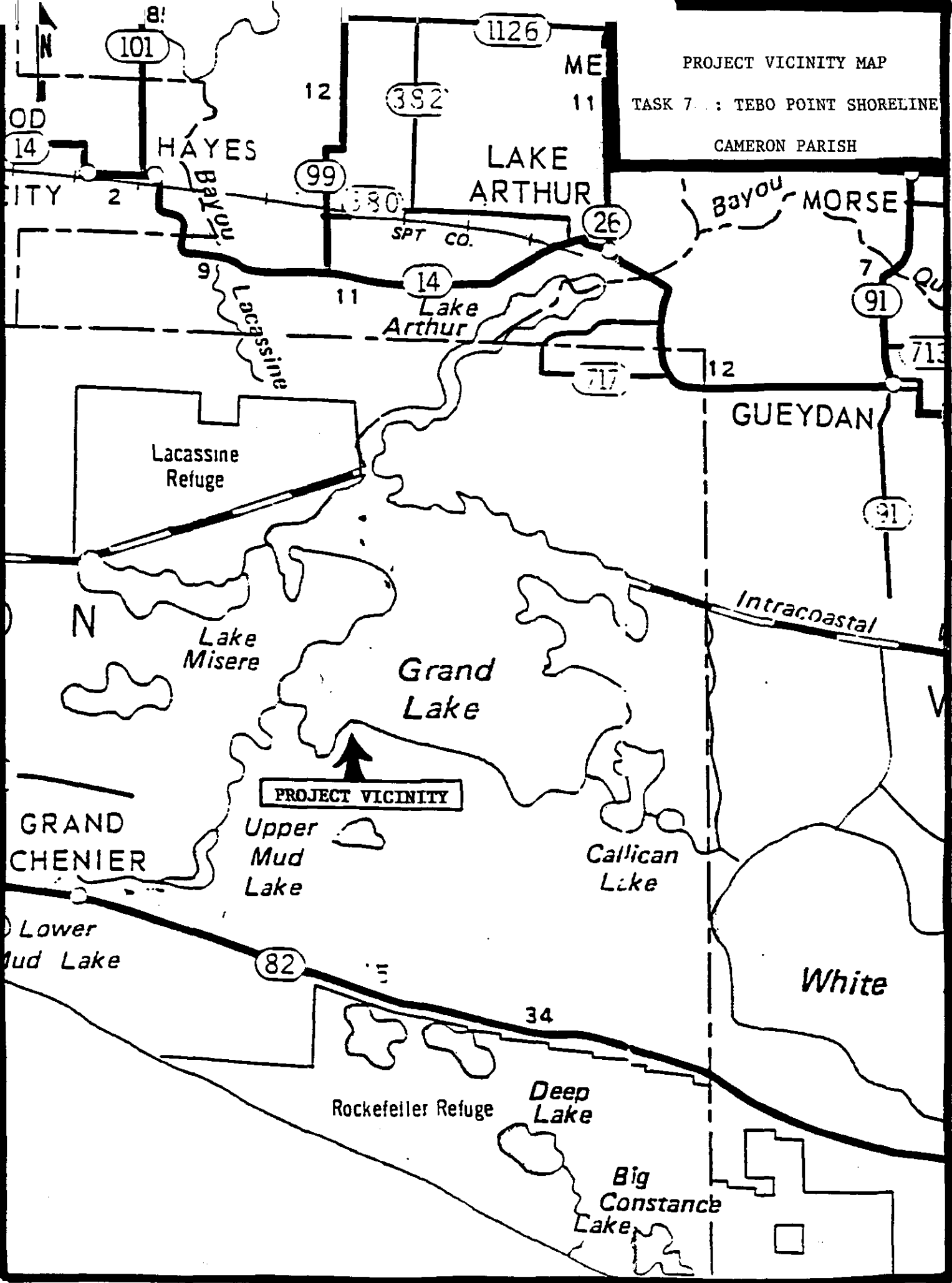
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 7

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

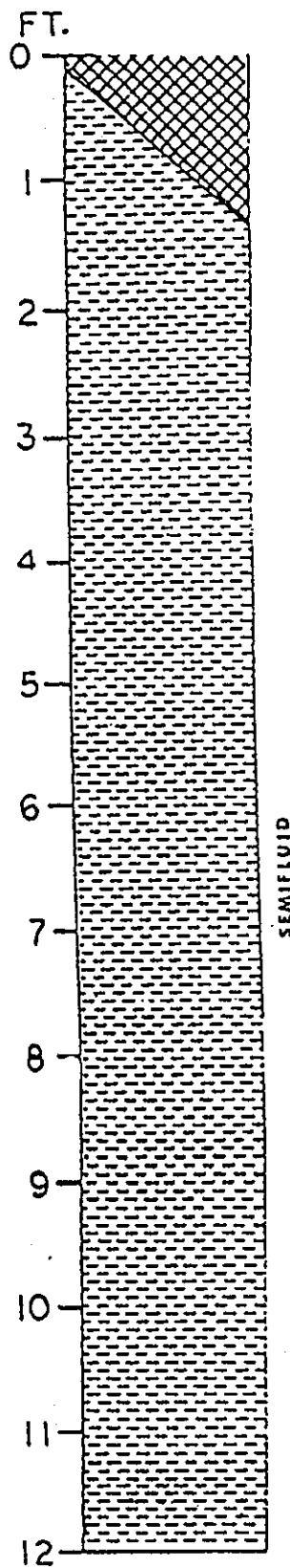
>6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)



PROJECT VICINITY MAP
TASK 7 : TEBO POINT SHORELINE
CAMERON PARISH



NAME: LAROSE MUCK
SOIL SYMBOL: LE
CAPABILITY UNIT: VIIw3



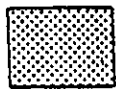
This unprotected, undrained soil occupies low elevations in fresh coastal marshes. The surface layer is dark gray muck about 5 inches thick. The underlying layers are gray, dark gray, or greenish gray semifluid clay to a depth of about 84 inches. SMALL AREAS OF OTHER SOILS WITH DIFFERENT PROPERTIES MAY BE INCLUDED WITH THIS SOIL.

The water table ranges from 1/2 foot below to 2 feet above the soil surface. Surface runoff is very slow and permeability is very slow. If disturbed, this soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to the wetness, flooding, poor accessibility and low strength.



ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTRICT: GULF COAST

DATE OF PLANTING: 5/25/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 0

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NORTH | (E) Pond Bottom Elevation: 6.9' |
| (C) Water Depth: 1.9' | (F) Slope of Bank: 1' cutbank |

Comments: LAROSE SOIL - SLIGHTLY FLUID

* Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: E to W | (D) Spacing between Rows: - |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 50' | |

Comments: * Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): WATERBOTTOM / CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☐ medium, ☒ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTRICT: GULF COAST

DATE OF PLANTING: 5/25/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 1

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NORTH | (E) Pond Bottom Elevation: 6.9' |
| (C) Water Depth: 1.8' | (F) Slope of Bank: 1' cutbank |

Comments: LAROSE SOIL - SLIGHTLY FLUID

* Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: E to W | (D) Spacing between Rows: - |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 50' | |

Comments: * Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): WATERBOTTOM / CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☐ medium, ☒ heavy

Comments:

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTRICT: GULF COAST

DATE OF PLANTING: 5/23/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NORTH | (E) Pond Bottom Elevation: 6.9' |
| (C) Water Depth: 1.7' | (F) Slope of Bank: 1' cutbank |

Comments: LAROSE SOIL - SLIGHTLY FLUID

* Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: E to W | (D) Spacing between Rows: - |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 100' | |

Comments: * Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): WATERBOTTOM / CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☐ medium, ☒ heavy

Comments:

VII. TRAFFICABILITY:

- (X) good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTRICT: GULF COAST

DATE OF PLANTING: 5/23/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NORTH | (E) Pond Bottom Elevation: 6.9' |
| (C) Water Depth: 1.7' | (F) Slope of Bank: 1' cutbank |

Comments: LAROSE SOIL - SLIGHTLY FLUID

* Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: E to W | (D) Spacing between Rows: - |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 150' | |

Comments: * Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): WATERBOTTOM / CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☐ medium, ☒ heavy

Comments:

VII. TRAFFICABILITY:

- (X) good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTRICT: GULF COAST

DATE OF PLANTING: 5/20/94

PARISH: CAMERON

DATE OF MONITORING: 2/16/94

MONITORS: DOUG MILLER
CLAY MIDKIFF
LOWELL THOMPSON

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: > 1 MILE | (D) Marsh Level: 5.1' |
| (B) Direction of Fetch: NORTHWEST | (E) Pond Bottom Elevation: 6.9' |
| (C) Water Depth: 1.5' | (F) Slope of Bank: 1' cutbank |

Comments: LAROSE SOIL - SLIGHTLY FLUID

* Measurements of distance are approximate

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: N to S | (D) Spacing between Rows: - |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 1 |
| (C) Distance from Bank: 50' | |

Comments: * Measurements of distance are approximate

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A
(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): WATERBOTTOM / CLAY

V. SALINITY: 0 PPT

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☐ medium, ☒ heavy

Comments:

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments:

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 7 (Tebo Point Shoreline)

SEGMENT # 0

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/25/94

PARISH Cameron

MONITORING DATE 7/19/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

820

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 7 (Tebo Point Shoreline)

SEGMENT # 1

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/25/94

PARISH Cameron

MONITORING DATE 7/19/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

820

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

16

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 7 (Tebo Point Shoreline)

SEGMENT # 2

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/23/94

PARISH Cameron

MONITORING DATE 7/19/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

820

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

17

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

21

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 7 (Tebo Point Shoreline)

SEGMENT # 3

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/23/94

PARISH Cameron

MONITORING DATE 7/19/94

INFORMATION PREPARED BY D. Miller/ C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

bullwhip

A. How many plants where originally planted in this task?

820

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

29

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

11"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 7 (Tebo Point Shoreline)

SEGMENT # 4

DISTRICT Gulf Coast SWCD

DATE OF PLANTING 5/20/94

PARISH Cameron

MONITORING DATE 7/19/94

INFORMATION PREPARED BY D. Miller / C. Midkiff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
bullwhip

A. How many plants where originally planted in this task?

820

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

6 1/2"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

IBERIA DISTRICT

Task 8: '94 Petite Anse #5
Task 9: Thibodeaux Oxbow
Task 10: '94 Petite Anse #6

**1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04**

TASK NO. 8

DISTRICT: Iberia SWCD

PROJECT NAME: Petite Anse #5

PROJECT LOCATION: Project is located in Iberia Parish,
Louisiana, southwest of Avery Island.

PROJECT OBJECTIVES: To introduce adaptable revegetation
on mud flats to hold new soil in place.

PROJECT FEATURES: The proposed project consists of planting
smooth cordgrass , single stem, on two foot
spacing in alternate rows. Also, 300 (1) gallon
containers will be planted on 5' spacing.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: IBERIA

PROJECT NAME : PETITE ANSE #5

SITE EVALUATOR: C. MIDKIFF, B. BROUSSARD

DATE: 5-17-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>1</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

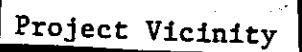
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

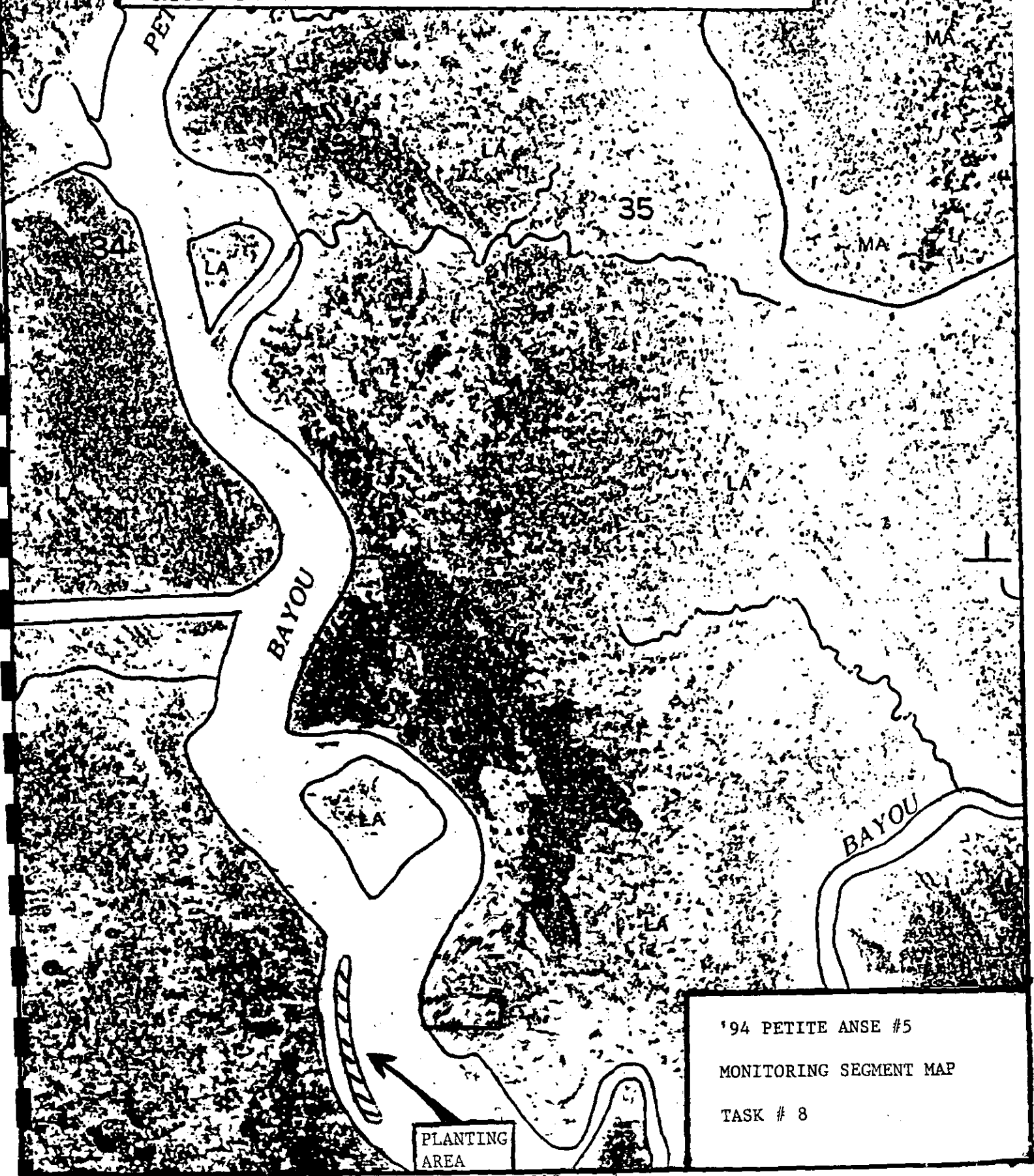
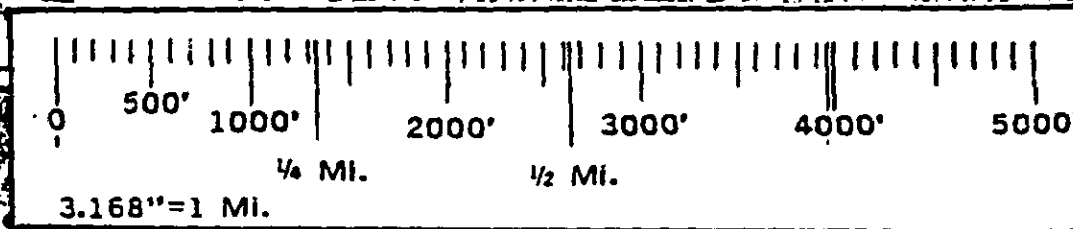
(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-5 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)

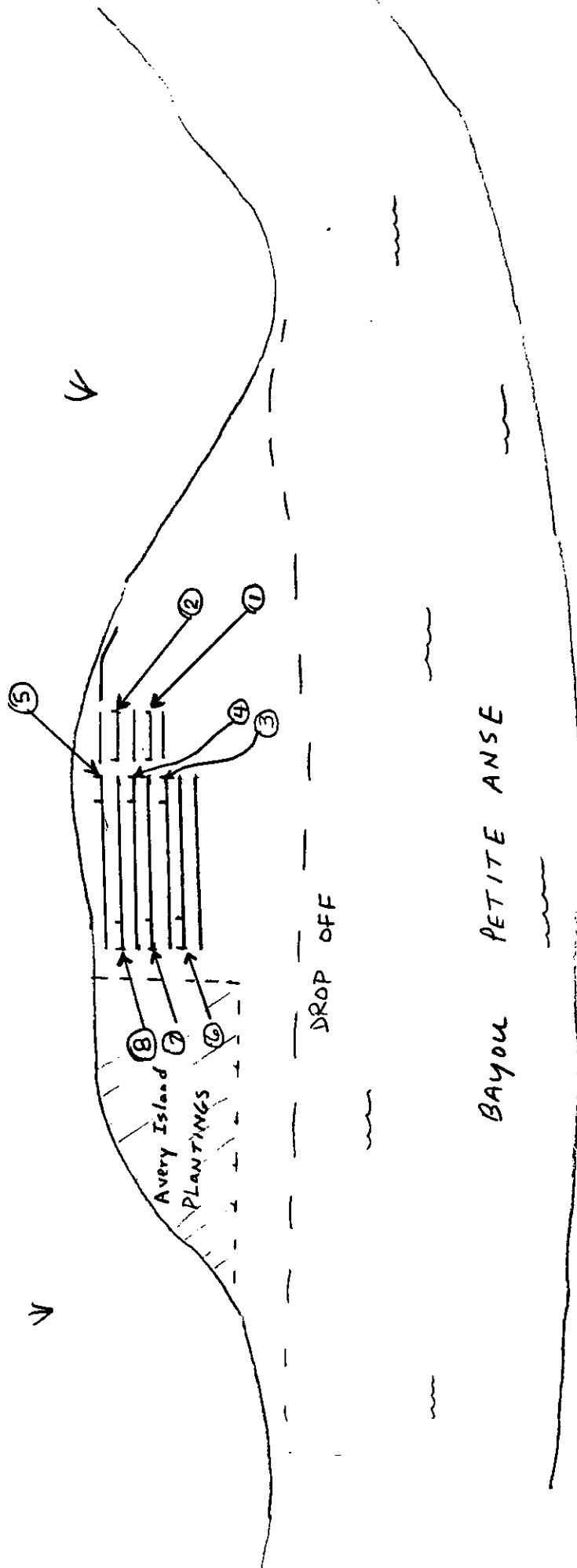




'94 PETITE ANSE #5
MONITORING SEGMENT MAP
TASK # 8

PLANTING
AREA

N



PETITE ANSE #5

SEGMENT MAP

TASK #8

SOIL SURVEY INTERPRETATIONS FOR IBERIA PARISH

58, LA - Lafitte association.

These are saline soils that have thick layers of organic materials. They are on the soft marshes both on the mainland and Marsh Island. They are level. Elevations are dominantly less than 2 feet above sea level.

Lafitte soils make up about 70 percent of the association. Unclassified soils that have thin surface layers containing sulfidic materials, small areas of Delcomb, Scatlake and Maurepas soils and spoil deposits along dug channels make up 30 percent of the association.

These soils are subject to shallow flooding by the high normal tides. They are also subject to an occasional deep flooding by storm tides. Many small ponds and tidal channels are present. The water table ranges from about one-half foot above ground surface to ground surface the year round. The soils generally are too boggy for livestock grazing. The included spoil deposits along dug channels are sometimes used for cattle range. If drained the organic materials on drying will shrink to about 1/2 of the original thickness. The losses are most rapid during the first two years. Under drainage they will continue to subside at the rate of about one inch per year.

Most of the acreage is used for wildlife habitat.

Wetness, flooding, salinity, low strength, and subsidence and acidity if drained, are limitations that make these soils unsuited for commercial production of most plants and restrict their use largely to recreation, wildlife or aesthetic purposes. Low level weir water control, level ditches, controlled burning and controlled harvest in some cases will improve wildlife habitat.

Major Soil Horizons (inches)	Classification			Percentage Passing Sieve			
	USDA Texture	Unified	AASHO	#4	#10	#40	#200
0-132	hemic and sapric material	Pt	A-8	-	-	-	-

Major Soil Horizons (inches)	Liquid Limit	Plasticity Index	Permeability in/hr	Available Water Capacity in/in	Reaction (pH)	Shrink-Swell Potential	Corrosivity Uncoated Steel
Same Horizons As Above	-	-	-	-	6.1-8.4	-	-

DEGREE AND KIND OF LIMITATIONS FOR SANITARY FACILITIES

Septic Tank Absorption Fields	Severe - floods, wet
Sewage Lagoons	Severe - floods, wet, seepage, excess humus
Sanitary Landfill (Trench Type)	Severe - floods, wet, excess humus, seepage

DEGREE AND KIND OF LIMITATIONS FOR COMMUNITY DEVELOPMENT

Shallow Excavations	Severe - floods, wet, cutbanks cave
Dwellings Without Basements	Very severe - floods, excess humus, wet, low strength
Local Roads And Streets	Very severe - floods, excess humus, low strength, wet
Small Commercial Buildings	Very severe - floods, excess humus, wet, low strength

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 8

DISTRICT: IBERIA

DATE OF PLANTING: 6/13/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 1 - 2

I. BANK CONFIGURATION:

- | | |
|------------------------------|--------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.5' |
| (B) Direction of Fetch: east | (E) Pond Bottom Elevation: 7.3 |
| (C) Water Depth: .7' | (F) Slope of Bank: 18"cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 5' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 5 |
| (C) Distance from Bank: 10'-50' | |

Comments: * Measurements of distance are approximate
Segment consist of trade gallon containers

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 8

DISTRICT: IBERIA

DATE OF PLANTING: 6/13/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 3 - 8

I. BANK CONFIGURATION:

- | | |
|------------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.5' |
| (B) Direction of Fetch: east | (E) Pond Bottom Elevation: 7.3' |
| (C) Water Depth: .7' | (F) Slope of Bank: 18" cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 5' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 6 |
| (C) Distance from Bank: 10'-50' | |

Comments: * Measurements of distance are approximate
Alternate spacing with single stems
7th row was with gallon pots on 5' spacing

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

- ☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 8 (Petite Anse #5)

SEGMENT # 1

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

11

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT
Trade Gallons planted in segment

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 8 (Petite Anse #5)

SEGMENT # 2

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

3,300

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

15

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

4"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Trade Gallons planted in segment

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 8 (Petite Anse #5)

SEGMENT # 3

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

100

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 8 (Petite Anse #5)

SEGMENT # 4

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

99

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segments

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 8 (Petite Anse #5)

SEGMENT # 5

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D.Miller/B.Broussard/K.Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

100

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

 x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 8 (Petite Anse #5)

SEGMENT # 6

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

97

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

8

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

.5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment

MONITORING WORKSHEET

SEGMENT SPECIFIC INFORMATION

1994-95

TASK # 8 (Petite Anse #5)

SEGMENT # 7

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

98

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

7

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

.5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 8 (Petite Anse #5)

SEGMENT # 8

DISTRICT Iberia SWCD

DATE OF PLANTING 6/13/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants where originally planted in this task?

3,300

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

100

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

 x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 9

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 .5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segments

**1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04**

TASK NO. 9

DISTRICT: Iberia SWCD

PROJECT NAME: Thibodeaux Oxbow

PROJECT LOCATION: Project is located in Iberia Parish,
Louisiana, southwest of Avery Island.

PROJECT OBJECTIVES: To introduce adaptable revegetation
on mud flats to hold new soil in place.

PROJECT FEATURES: The proposed project consists of planting
smooth cordgrass , single stem, on two foot
spacing in alternate rows. Also, 140 (1) gallon
containers will be planted on 5' spacing.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: IBERIA

PROJECT NAME: THIBODEAUX OXBOW

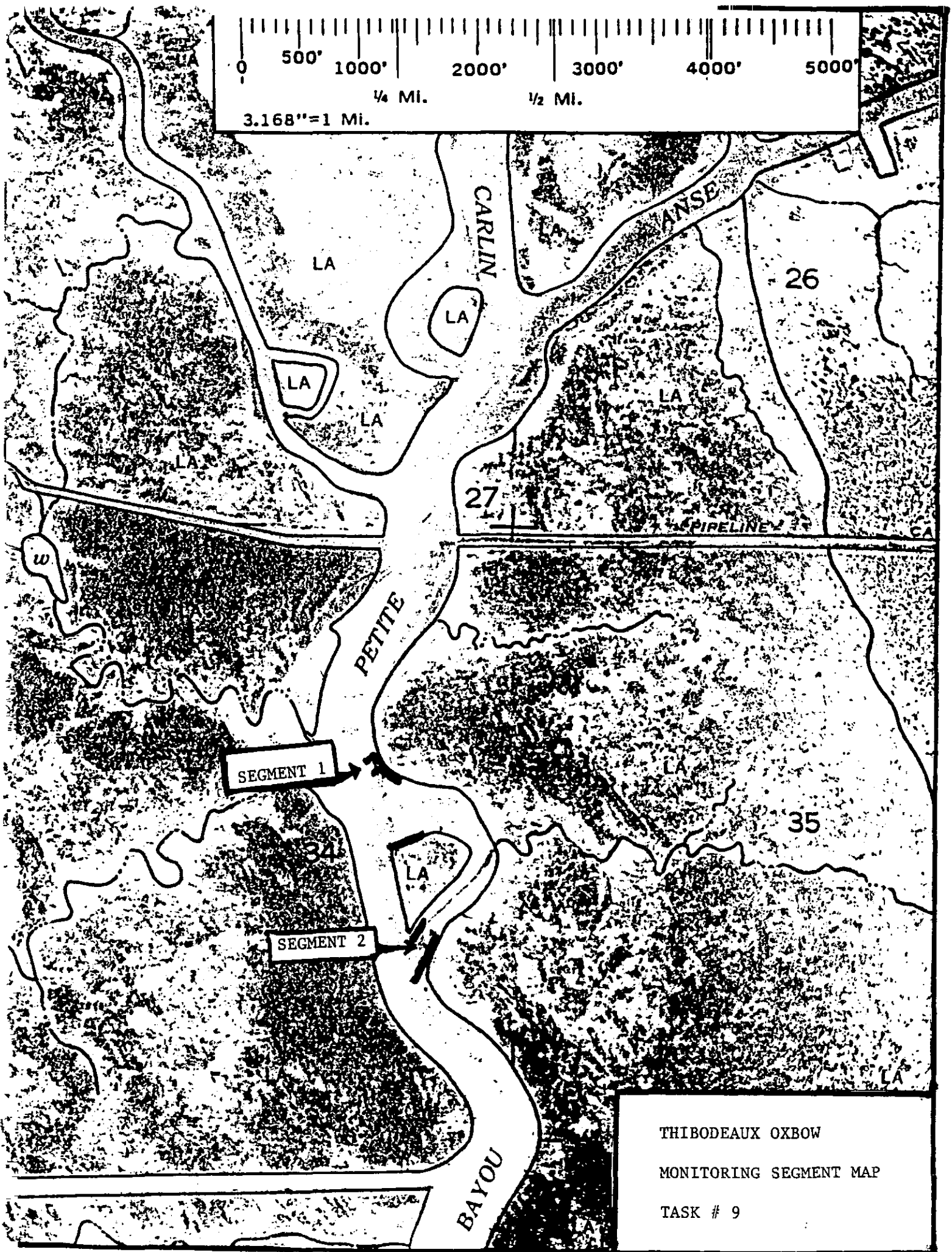
SITE EVALUATOR: C. MIDKIFF, B. BROUSSARD

DATE: 5-17-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
<u>SOILS ELEMENTS:</u>				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>
<u>ENERGY COMPONENTS:</u>				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>1</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>
<u>SHORE LINE FEATURES:</u>				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>
(ADD ALL POINTS FROM ABOVE)			POINT TOTAL	<u>6</u>

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

7-10 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)



SOIL SURVEY INTERPRETATIONS FOR IBERIA PARISH

58, LA - Lafitte association.

These are saline soils that have thick layers of organic materials. They are on the soft marshes both on the mainland and Marsh Island. They are level. Elevations are dominantly less than 2 feet above sea level.

Lafitte soils make up about 70 percent of the association. Unclassified soils that have thin surface layers containing sulfidic materials, small areas of Delcomb, Scatlake and Maurepas soils and spoil deposits along dug channels make up 30 percent of the association.

These soils are subject to shallow flooding by the high normal tides. They are also subject to an occasional deep flooding by storm tides. Many small ponds and tidal channels are present. The water table ranges from about one-half foot above ground surface to ground surface the year round. The soils generally are too boggy for live-stock grazing. The included spoil deposits along dug channels are sometimes used for cattle range. If drained the organic materials on drying will shrink to about 1/2 of the original thickness. The losses are most rapid during the first two years. Under drainage they will continue to subside at the rate of about one inch per year.

Most of the acreage is used for wildlife habitat.

Wetness, flooding, salinity, low strength, and subsidence and acidity if drained, are limitations that make these soils unsuited for commercial production of most plants and restrict their use largely to recreation, wildlife or aesthetic purposes. Low level weir water control, level ditches, controlled burning and controlled harvest in some cases will improve wildlife habitat.

Major Soil Horizons (inches)	Classification			Percentage Passing Sieve			
	USDA Texture	Unified	AASHO	#4	#10	#40	#200
0-132	hemic and sapric material	Pt	A-8	-	-	-	-

Major Soil Horizons (inches)	Liquid Limit	Plasticity Index	Permeability in/hr	Available Water Capacity in/in	Reaction (pH)	Shrink-Swell Potential	Corrosivity Uncoated Steel
Same Horizons As Above	-	-	-	-	6.1-8.4	-	-

DEGREE AND KIND OF LIMITATIONS FOR SANITARY FACILITIES

Septic Tank Absorption Fields	Severe - floods, wet
Sewage Lagoons	Severe - floods, wet, seepage, excess humus
Sanitary Landfill (Trench Type)	Severe - floods, wet, excess humus, seepage

DEGREE AND KIND OF LIMITATIONS FOR COMMUNITY DEVELOPMENT

Shallow Excavations	Severe - floods, wet, cutbanks cave
Dwellings Without Basements	Very severe - floods, excess humus, wet, low strength
Local Roads And Streets	Very severe - floods, excess humus, low strength, wet
Small Commercial Buildings	Very severe - floods, excess humus, wet, low strength

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 9

DISTRICT: IBERIA

DATE OF PLANTING: 6/6/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 1

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 1000' | (D) Marsh Level: 5.7' |
| (B) Direction of Fetch: southwest | (E) Pond Bottom Elevation: 8.6' |
| (C) Water Depth: .6' | (F) Slope of Bank: 8" cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|----------------------------------|------------------------------|
| (A) Direction of Rows: NW to SE | (D) Spacing Between Rows: 5' |
| (B) Spacing in Rows: 5' | (E) Number of Rows: 2 |
| (C) Distance from Bank: 5' & 10' | |

Comments: * Measurements of distance are approximate
Alternate spacing with gallon containers
Rows follow the bend in the bayou

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

- ☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 9

DISTRICT: IBERIA

DATE OF PLANTING: 6/6/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 5.5' |
| (B) Direction of Fetch: northwest | (E) Pond Bottom Elevation: 7.8' |
| (C) Water Depth: .6' | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|------------------------------|
| (A) Direction of Rows: SW to NE | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 2 |
| (C) Distance from Bank: 10'-20' | |

Comments: * Measurements of distance are approximate
Alternate spacing with single stems
Rows follow bend in the bayou

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 9 (Thibodeaux-Oxbow)

SEGMENT # 1

DISTRICT Iberia SWCD

DATE OF PLANTING 6/6/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/ B. Broussard/ K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants where originally planted in this task?

1,140

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

30

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Trade gallons planted in segment.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 9 (Thibodeaux-Oxbow)

SEGMENT # 2

DISTRICT Iberia SWCD

DATE OF PLANTING 6/6/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
smooth cordgrass

A. How many plants were originally planted in this task?

1,140

B. How many plants were originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

98

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water-hyacinths

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment.

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 10

DISTRICT: Iberia SWCD

PROJECT NAME: Petite Anse #6

PROJECT LOCATION: Project is located in Iberia Parish,
Louisiana, southwest of Avery Island.

PROJECT OBJECTIVES: To introduce adaptable revegetation
on mud flats to hold new soil in place.

PROJECT FEATURES: The proposed project consists of planting
smooth cordgrass , single stem, on two foot
spacing in alternate rows. Also, 200 (1) gallon
containers will be planted on 5' spacing.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: IBERIA

PROJECT NAME: PETITE ANSE #6

SITE EVALUATOR: C. MIDKIFF, B. BROUSSARD

DATE: 5-17-91

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>1</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

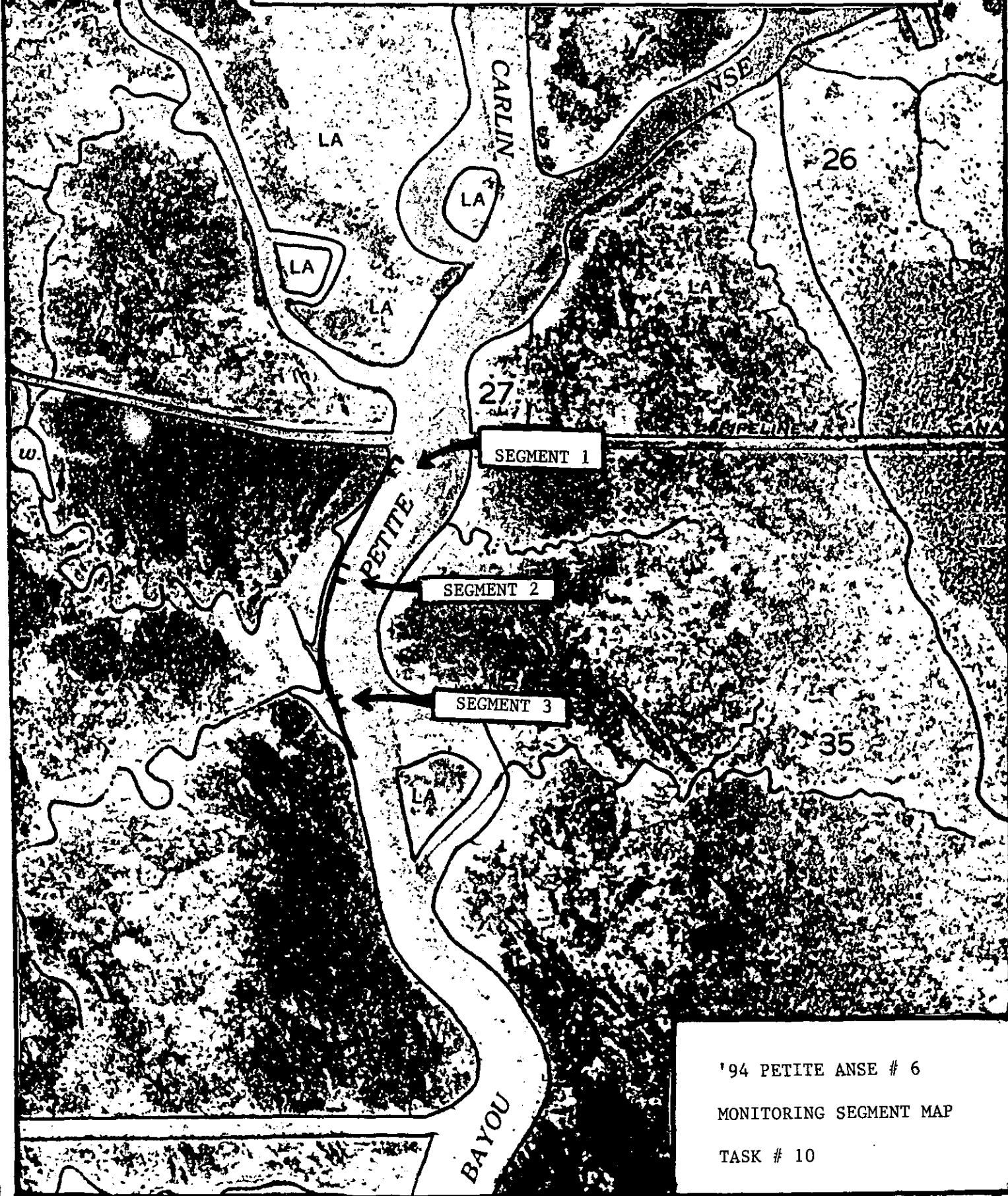
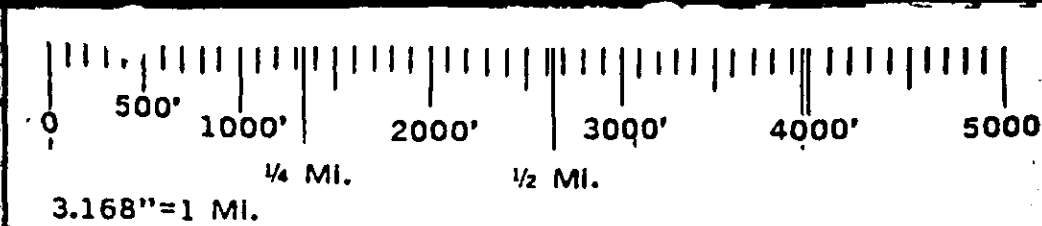
SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-5 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION



'94 PETITE ANSE # 6

MONITORING SEGMENT MAP

TASK # 10

SOIL SURVEY INTERPRETATIONS FOR IBERIA PARISH

58, LA - Lafitte association.

These are saline soils that have thick layers of organic materials. They are on the soft marshes both on the mainland and Marsh Island. They are level. Elevations are dominantly less than 2 feet above sea level.

Lafitte soils make up about 70 percent of the association. Unclassified soils that have thin surface layers containing sulfidic materials, small areas of Delcomb, Scatlake and Maurepas soils and spoil deposits along dug channels make up 30 percent of the association.

These soils are subject to shallow flooding by the high normal tides. They are also subject to an occasional deep flooding by storm tides. Many small ponds and tidal channels are present. The water table ranges from about one-half foot above ground surface to ground surface the year round. The soils generally are too boggy for live-stock grazing. The included spoil deposits along dug channels are sometimes used for cattle range. If drained the organic materials on drying will shrink to about 1/2 of the original thickness. The losses are most rapid during the first two years. Under drainage they will continue to subside at the rate of about one inch per year.

Most of the acreage is used for wildlife habitat.

Wetness, flooding, salinity, low strength, and subsidence and acidity if drained, are limitations that make these soils unsuited for commercial production of most plants and restrict their use largely to recreation, wildlife or aesthetic purposes. Low level weir water control, level ditches, controlled burning and controlled harvest in some cases will improve wildlife habitat.

Major Soil Horizons (inches)	Classification			Percentage Passing Sieve			
	USDA Texture	Unified	AASHO	#4	#10	#40	#200
J-132	hemic and sapric material	Pt	A-8	-	-	-	-

Major Soil Horizons (inches)	Liquid Limit	Plasticity Index	Permeability in/hr	Available Water Capacity in/in	Reaction (pH)	Shrink-Swell Potential	Corrosivity Uncoated Steel
Same Horizons As Above	-	-	-	-	6.1-8.4	-	-

DEGREE AND KIND OF LIMITATIONS FOR SANITARY FACILITIES

Septic Tank Absorption Fields	Severe - floods, wet
Sewage Lagoons	Severe - floods, wet, seepage, excess humus
Sanitary Landfill (Trench Type)	Severe - floods, wet, excess humus, seepage

DEGREE AND KIND OF LIMITATIONS FOR COMMUNITY DEVELOPMENT

Shallow Excavations	Severe - floods, wet, cutbanks cave
Dwellings Without Basements	Very severe - floods, excess humus, wet, low strength
Local Roads And Streets	Very severe - floods, excess humus, low strength, wet
Small Commercial Buildings	Very severe - floods, excess humus, wet, low strength

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTRICT: IBERIA

DATE OF PLANTING: 6/6/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 1

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 2500' | (D) Marsh Level: 5.4' |
| (B) Direction of Fetch: northeast | (E) Pond Bottom Elevation: 8.0' |
| (C) Water Depth: .6' | (F) Slope of Bank: 12"cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 2 |
| (C) Distance from Bank: | |

Comments: * Measurements of distance are approximate
Alternate spacing with single stems
Rows follow bend in the bayou

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- | |
|--------------------------------------|
| (A) (X) wind and/or (X) boat |
| (B) () light, (X) medium, () heavy |

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

() good, () moderate, () poor, (X) very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTRICT: IBERIA

DATE OF PLANTING: 6/6/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 2500' | (D) Marsh Level: 5.4' |
| (B) Direction of Fetch: northeast | (E) Pond Bottom Elevation: 8.0' |
| (C) Water Depth: .6' | (F) Slope of Bank: 12"cutbank |

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 2 |
| (C) Distance from Bank: | |

Comments: * Measurements of distance are approximate
Alternate spacing with single stems
Rows follow bend in the bayou

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A

(i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☐ poor, ☒ very poor

Comments:

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTRICT: IBERIA

DATE OF PLANTING: 6/6/94

PARISH: IBERIA

DATE OF MONITORING: 3/16/94

MONITORS: DOUG MILLER
BRAD BROUSSARD
RALEIGH ROGERS

SEGMENT NO: 3

I. BANK CONFIGURATION:

(A) Distance of Fetch: 2500'	(D) Marsh Level: 5.4'
(B) Direction of Fetch: northeast	(E) Pond Bottom Elevation: 8.0'
(C) Water Depth: .6'	(F) Slope of Bank: 12"cutbank

Comments: * Measurements of distance are approximate
Mudflats are exposed on low tide
Slope is relatively flat from cutbank to dropoff

II. PLANTING ALIGNMENT:

(A) Direction of Rows: N to S	(D) Spacing Between Rows: 2'
(B) Spacing in Rows: 2'	(E) Number of Rows: 2
(C) Distance from Bank:	

Comments: * Measurements of distance are approximate
Alternate spacing with single stems
Rows follow bend in the bayou

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: N/A (i.e. material used, size, shape, etc.) A picture will be included.

IV. SOILS (Type & Texture): Lafitte / Association

V. SALINITY: 1 ppt

VI. WAVE ACTION:

(A) (X) wind and/or (X) boat
(B) () light, (X) medium, () heavy

Comments: Frequent barge traffic

VII. TRAFFICABILITY:

() good, () moderate, () poor, (X) very poor

Comments:

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 10 (Petite Anse #6)

SEGMENT # 1

DISTRICT Iberia SWCD

DATE OF PLANTING 6/6/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2,700

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

70

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

3

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water hyacinth

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 10 (Petite Anse #6)

SEGMENT # 2

DISTRICT Iberia SWCD

DATE OF PLANTING 6/6/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2,700

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

100

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

 X

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 13

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water hyacinth

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 10 (Petite Anse #6)

SEGMENT # 3

DISTRICT Iberia SWCD

DATE OF PLANTING 6/6/94

PARISH Iberia

MONITORING DATE 7/18/94

INFORMATION PREPARED BY D. Miller/B. Broussard/K. Louviere

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants where originally planted in this task?

2,700

B. How many plants where originally planted in this sample segment?

100

C. How many plants are living in this sample segment?

78

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water hyacinth

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

LAFOURCHE-TERREBONNE DISTRICT

Task 11: Kings Ridge
Task 12: L.L. & E.
Task 13: Lake Boudreaux Levee

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 11

DISTRICT: Lafourche-Terrebonne SWCD

PROJECT: Kings Ridge

PROJECT LOCATION: T-19S, R-23E, Section 17 of Lafourche
Parish, Louisiana

PROJECT OBJECTIVES: Replace damaged boards or parts on a
pre-existing wave dampening fence and to
re-vegetate a levee in areas where
needed.

PROJECT FEATURES: Replacement of broken or deteriorated
boards on 1,800' of wave dampening
fence. Also, planting 145 gallon
containers of smooth cordgrass
(Spartina alterniflora) in a single
row, on 5' spacing. Planting was done
only in areas where plants from a
previous planting did not survive.
Distance to be planted is 725'.
Proposed project cost is \$17,149.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: LAFOURCHE-TERREBONNE SWCD

PROJECT NAME: KINGS RIDGE

SITE EVALUATOR: _____ DATE: _____

<u>ELEMENT RATING</u>	<u>2 POINTS (POOR)</u>	<u>1 POINT (FAIR)</u>	<u>0 POINT (GOOD)</u>	<u>POINTS</u>
-----------------------	------------------------	-----------------------	-----------------------	---------------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>1</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>1</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 5

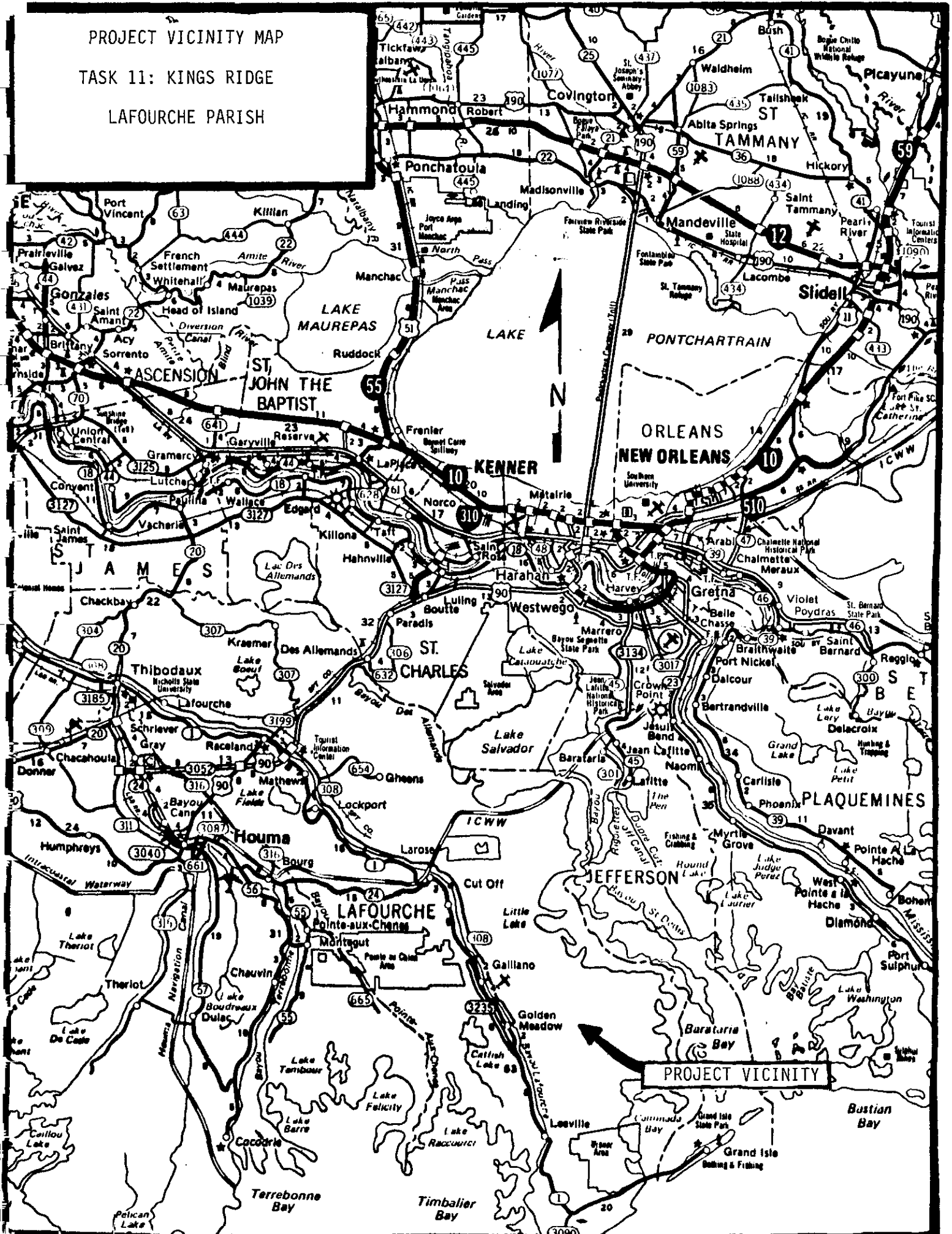
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

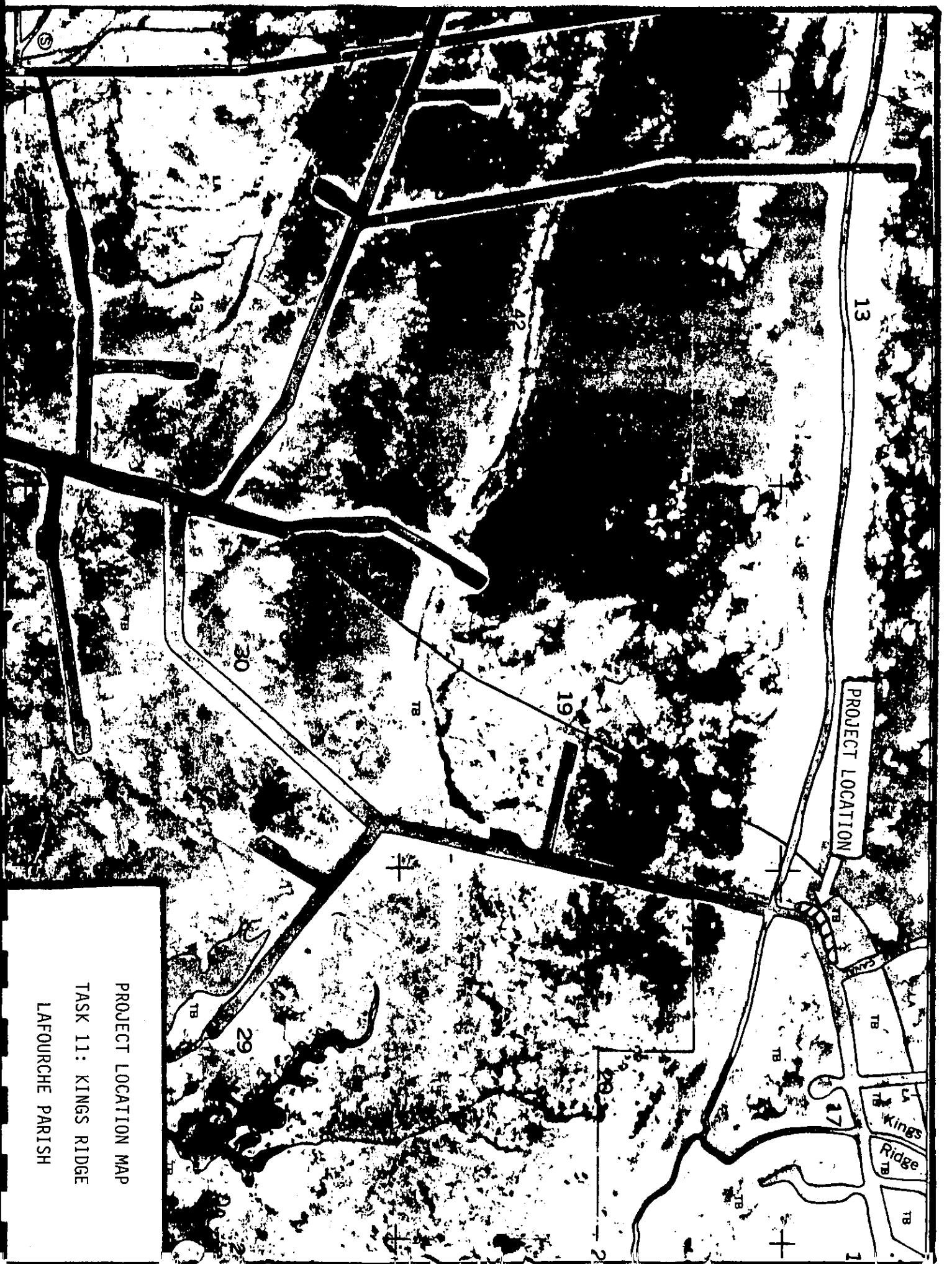
>6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)

PROJECT VICINITY MAP

TASK 11: KINGS RIDGE

LAFORCHE PARISH





PROJECT LOCATION

Kings Ridge

PROJECT LOCATION MAP

TASK 11: KINGS RIDGE

LAFOURCHE PARISH

—•— wave reduction fence
x smooth cord grass



marsh

spoil levee

Water

levee

Shell

TASK 11: KINGS RIDGE
LAFOURCHE PARISH

SOIL NAME: Timbalier-Bellpass Association

These unprotected, undrained soils occupy low elevations in coastal saline marshes. The Timbalier soil is in interlevee basins, and the Bellpass soil is on slightly higher positions on submerged levees along natural waterways. Typically, the Timbalier soil has a very dark grayish brown to dark brown organic layer about 72 inches thick over dark gray mucky clay and dark greenish gray clay. Typically, the Bellpass soil has a very dark grayish brown and black organic layer about 26 inches thick over very dark gray mucky clay and dark greenish gray clay. Small areas of other soils with different properties may be included with these soils.

In these soils the water table ranges from 1 foot above to $\frac{1}{2}$ foot below the surface during nonflood periods. During storms these soils are covered by as much as 3 feet of water. Surface runoff on these soils is very slow or ponded. Permeability soil is rapid in the Timbalier and very slow in the Bellpass soil. If disturbed, these soils tend to liquify.

The potential is very poor for all uses other than wildlife and recreation due to the wetness, flooding, salinity low strength, and poor accessibility. These soils are part of the estuarine complex that contributes to the support of Gulf marine life and are an important nursery for estuarine-dependent fishes and crustaceans, such as menhaden, croaker, spot, bay anchovy, blue crab, and shrimp. These fishes and estuarine larval forms are the basis of a major fishing and shrimping industry. Many natural waterways provide access for fishing and shrimping. These soils also provide habitat for a limited number of alligators, ducks, nutria, swamp rabbits, and moderate numbers of geese, muskrats, mink, otters, and raccoons.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 11

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 4/26/94

PARISH: Lafourche

DATE OF MONITORING: 4/26/94

MONITORS: Russell Richard
Joey Breau

SEGMENT NO: 1

I. BANK CONFIGURATION:

(A) Distance of Fetch: 200 feet (D) Marsh Level: 5.6
(B) Direction of Fetch: S (E) Pond Bottom Elevation: 17.3
(C) Water Depth: 6-8 inches (F) Slope of Bank: 9:1

Comments: 17.3 is rod reading at bottom of bayou. Planting done at high tide. Mean water depth is 1-3 inches. (Sketch on back)

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W (D) Spacing Between Rows: NA
(B) Spacing in Rows: 5 feet (E) Number of Rows: 1
(C) Distance from Bank: 2 feet

Comments: Single row planted along levee.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

W.S.F.-900 feet on each side of levee; 5-1X4's 3 inches apart supported by 4X4's spaced 6 feet apart. 6 foot gaps between 90 foot sections.

IV. SOILS (Type & Texture): Timbalier-Bellpass association; muck.

V. SALINITY: 3 ppt

VI. WAVE ACTION:

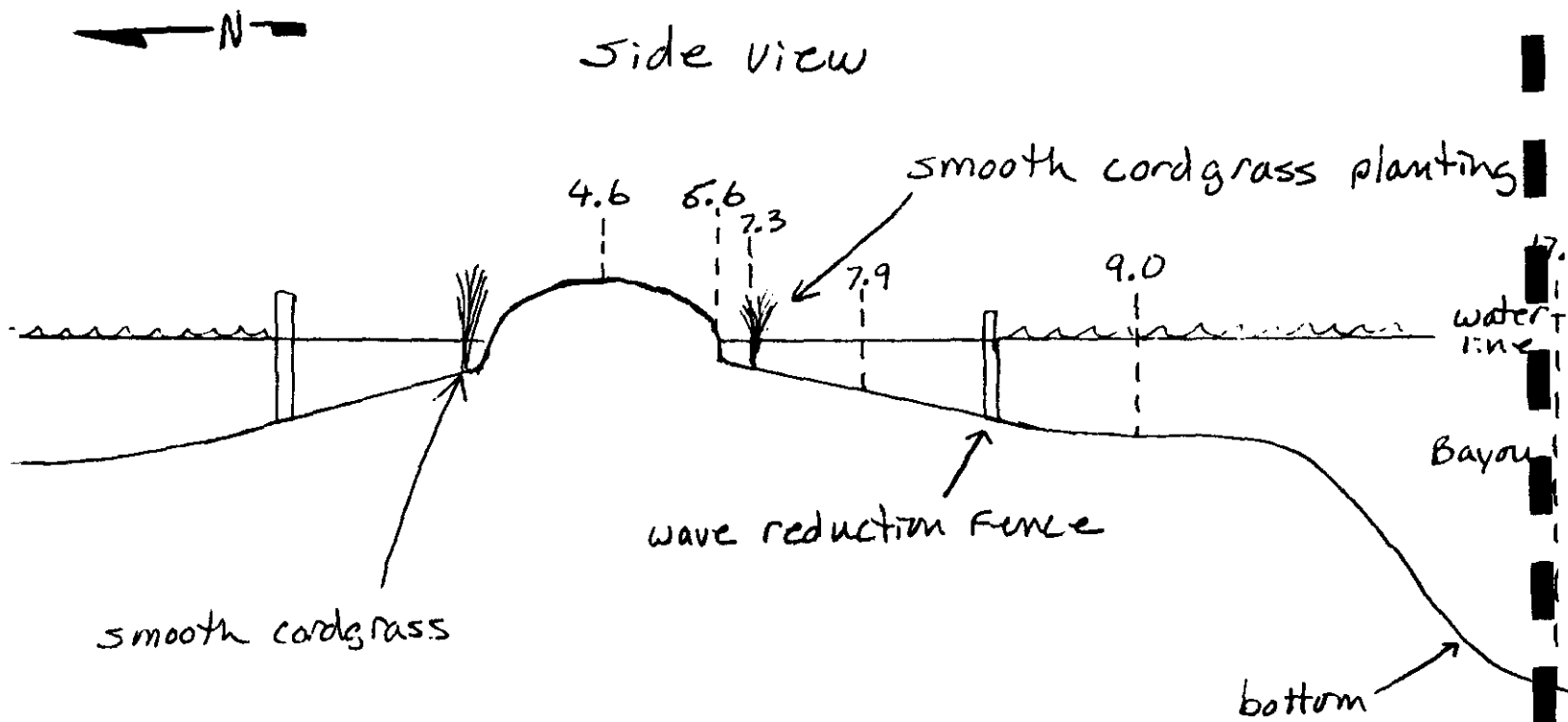
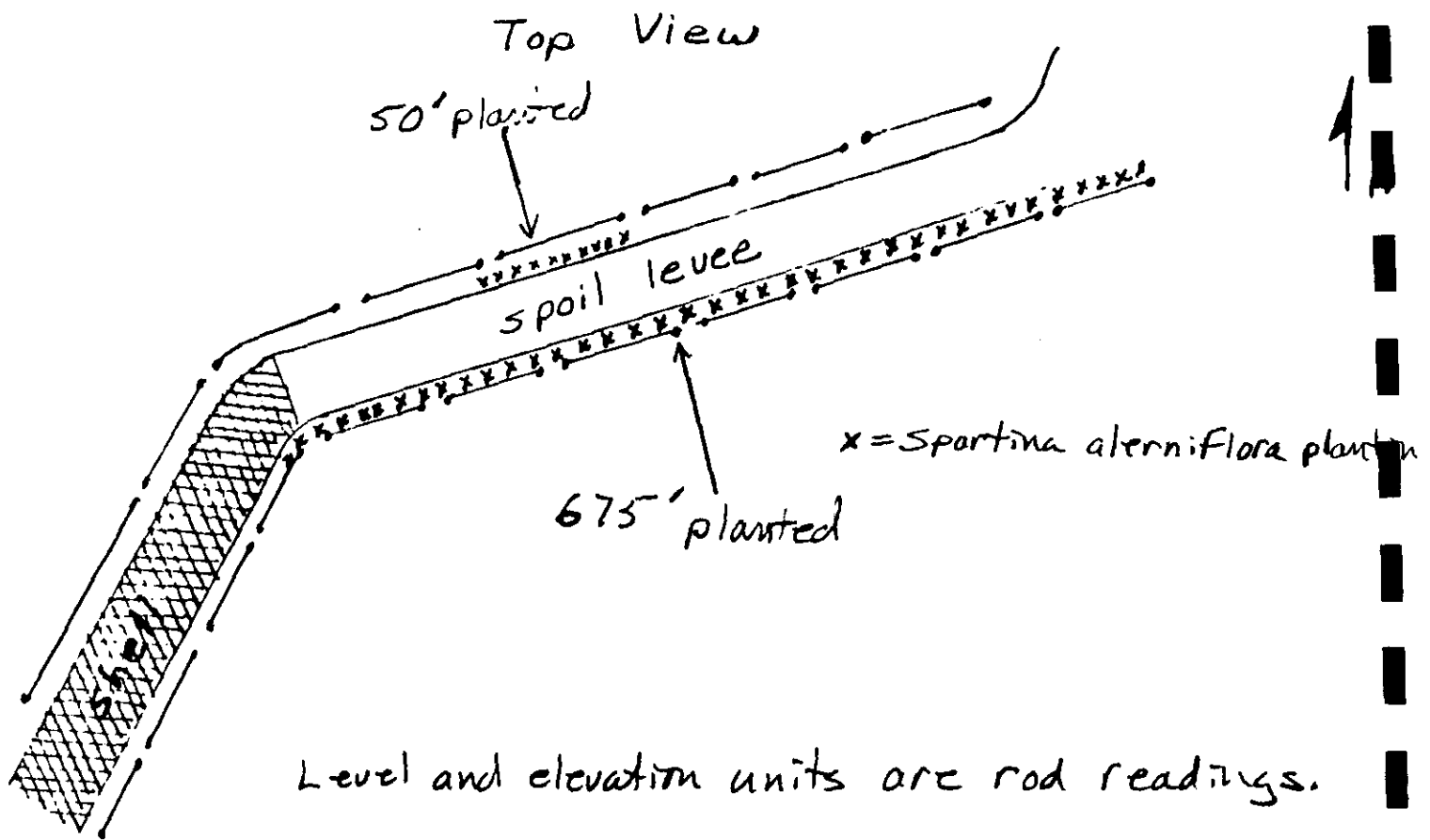
(A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 11 (Kings Ridge)

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 4/26/94

PARISH: LaFourche

DATE OF MONITORING: 4/26/94

MONITORS: Joey Breau
Russel Richard

SEGMENT NO: 2

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 1320 feet
(B) Direction of Fetch: NW
(C) Water Depth: 6-8 inches

- (D) Marsh Level: 5.6
(E) Pond Bottom Elevation: 8.2
(F) Slope of Bank: 10:1

Comments: 8.2 is rod reading approximately 30 feet out into the marsh to the north of the planting area. Planting done at high tide. Mean water depth is 1-3 inches.

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: E-W
(B) Spacing in Rows: 5 feet
(C) Distance from Bank: 1.5 feet

- (D) Spacing Between Rows: NA
(E) Number of Rows: 1

Comments: Single row planted along the levee. (Smooth cordgrass)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
W.S.D.- 900 feet on each side of levee; 5 1X4's 3 inches apart, supported by 4X4's spaced 6 feet apart; 6 foot gaps between 90 foot sections.

IV. SOILS (Type & Texture): Timbalier-Bellpass association; muck.

V. SALINITY: 3 ppt

VI. WAVE ACTION:

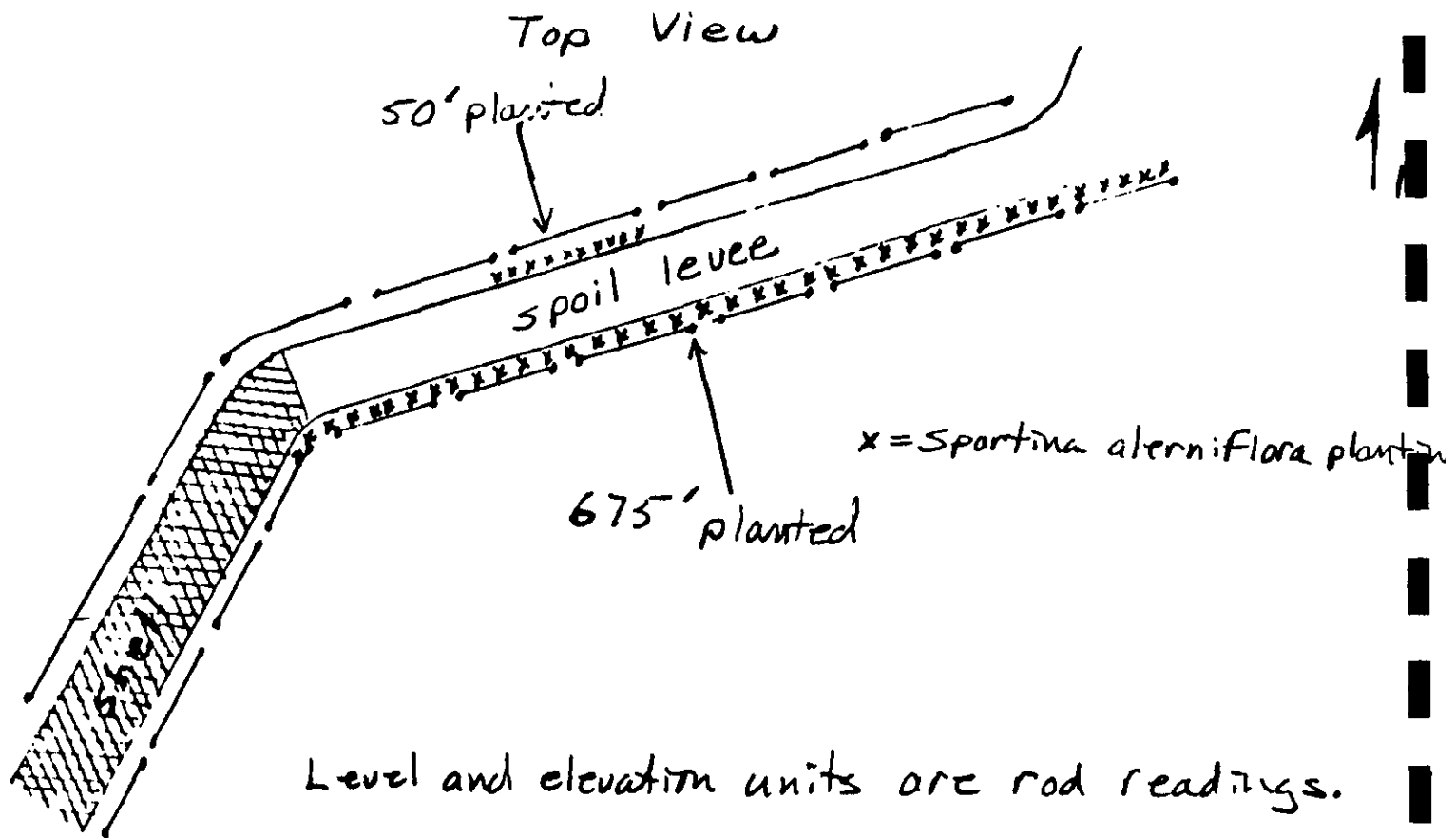
- (A) ☒ wind and/or ☐ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments:

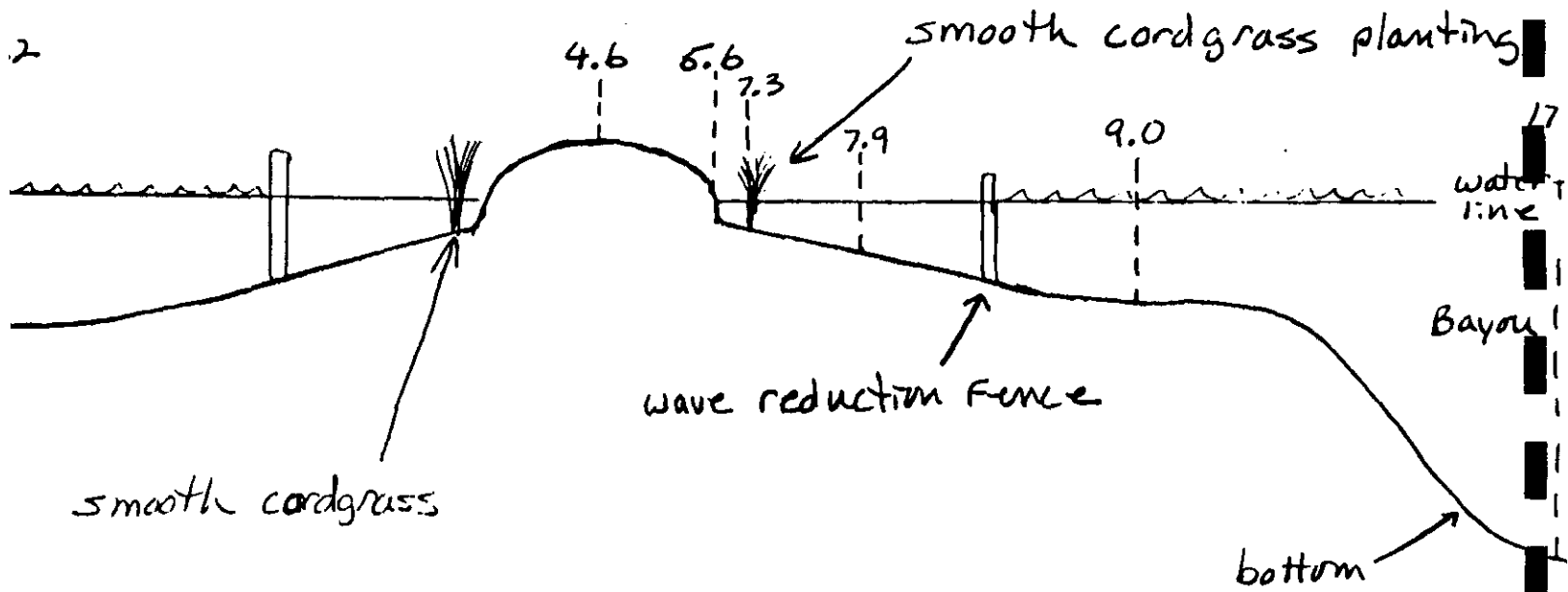
VII. TRAFFICABILITY:

☐ good, ☐ moderate, ☒ poor, ☐ very poor

Comments:



Side view



**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 11 (Kings Ridge)

SEGMENT # 1

DISTRICT LaFourche-Terrebonne SWCD

DATE OF PLANTING 4/26/94

PARISH LaFourche

MONITORING DATE 6/23/94

INFORMATION PREPARED BY Joey Breaux/Russel Richard

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Smooth cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

145

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

28

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

23/2 11.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants have been planted for nearly 60 days, but seem to have sprouted new growth only within the past 2 weeks. All new growth is only 3-10 inches tall. Plants otherwise appear healthy.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 11 (Kings Ridge)

SEGMENT # 2

DISTRICT LaFourche-Terrebonne SWCD

DATE OF PLANTING 4/26/94

PARISH Terrebonne

MONITORING DATE 6/23/94

INFORMATION PREPARED BY Joey Breaux/Russel Richard

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora

Smooth cordgrass

A. How many plants were originally planted in this task?

145

B. How many plants were originally planted in this sample segment?

10

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

24

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/2 6.5 in.

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants have good color, new growth, and appear healthy.

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 12

DISTRICT: Lafourche-Terrebonne SWCD

PROJECT: L.L.& E.

PROJECT LOCATION: T-18S, R-16E, Section 2,3,4,10 & 11
of Terrebonne Parish, Louisiana

PROJECT OBJECTIVES: To retain flotant and detrital material
in a freshwater marsh by utilizing
fences in order to form plugs in spoil
levee breeches. Also, to use California
bulrush as a low energy method of
retaining detritus.

PROJECT FEATURES: Construction of a total of 3,200' of
sediment fence at 42 sites where flotant
loss is most severe. Fences consist of
8'-15' landscape timber or 4"X4" posts,
spaced 8' apart with 2X4's bolted across
the top, and plastic mesh attached with
cable ties. Planting 75 gallon
containers of California bulrush
(Scirpus californicus) in serveral
selected sites in the vicinity of
sediment fences. A total of 375' is
to be planted. Proposed project cost
is \$13,763.

SWCD: LAFOURCHE-TERREBONNEPROJECT NAME: LL&E (TC-T3)SITE EVALUATOR: C. MIDKIFF, M. TULLOSDATE: 6-3-9

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>0</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>2</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>2</u>

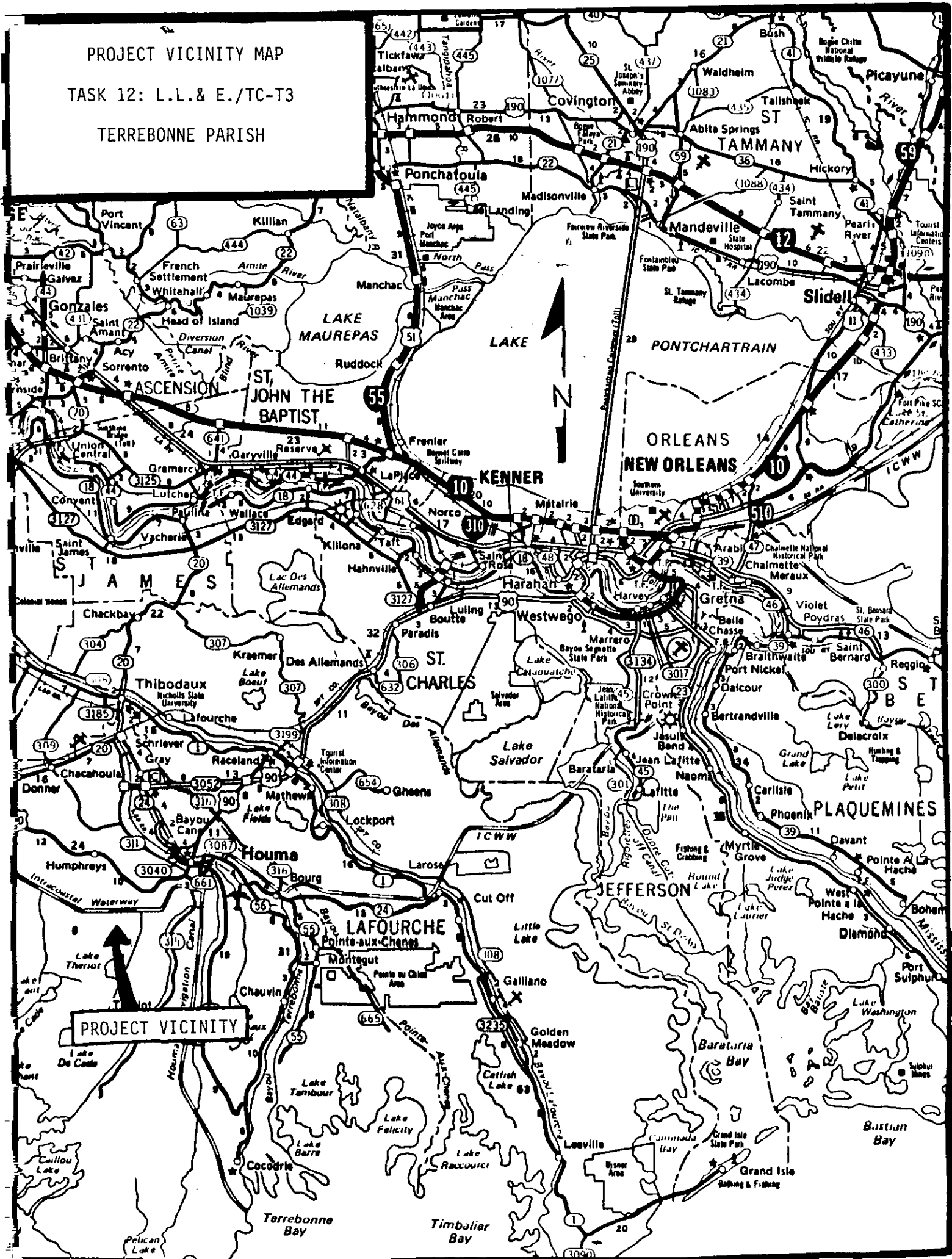
(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

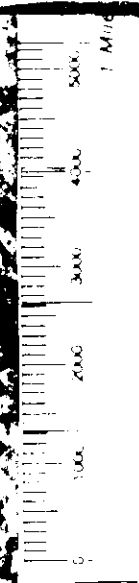
FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)

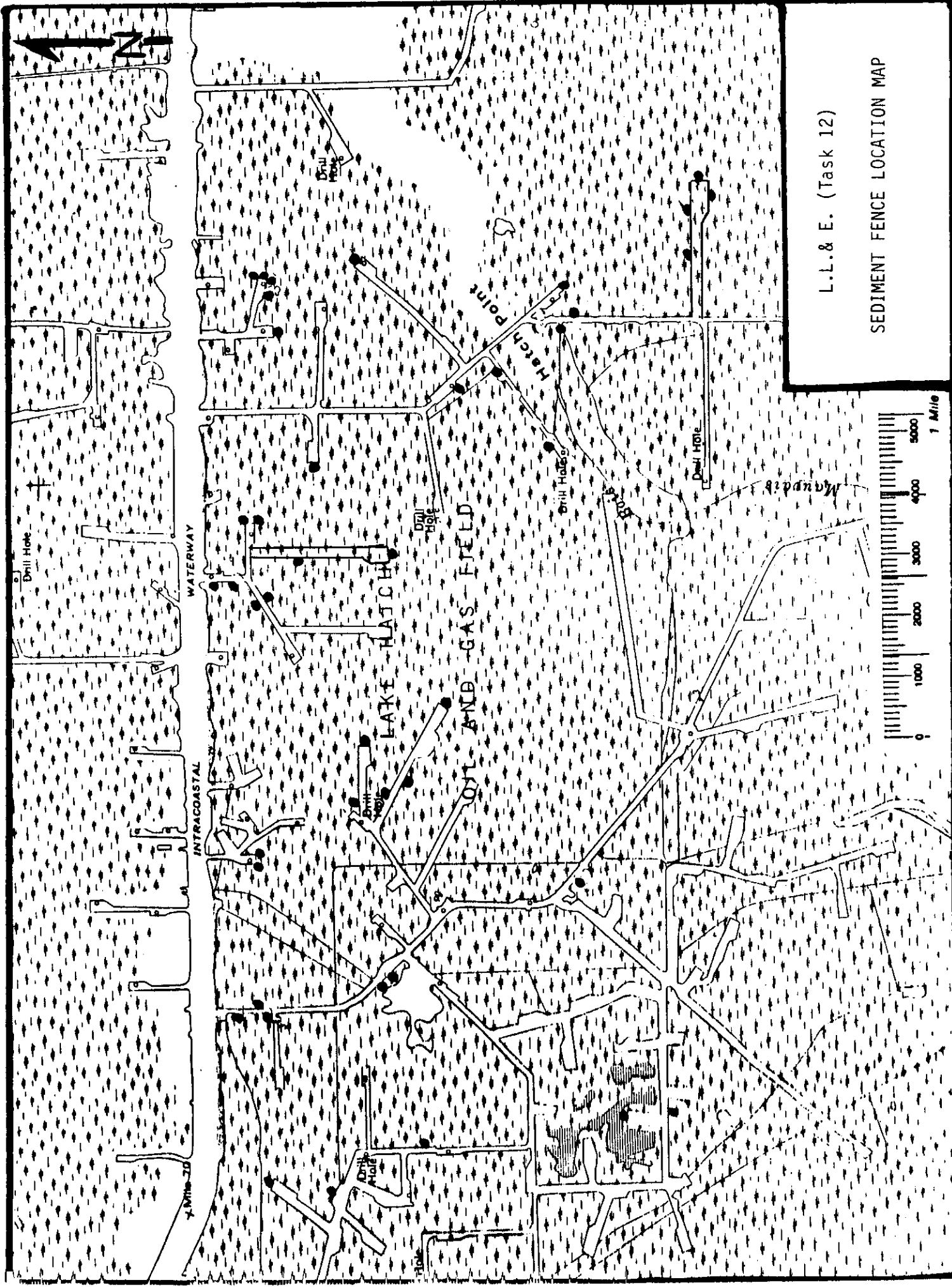
TERREBONNE PARISH





PROJECT LOCATION MAP
TASK 12: I.L. & E./TC-T3
TERREBONNE PARISH

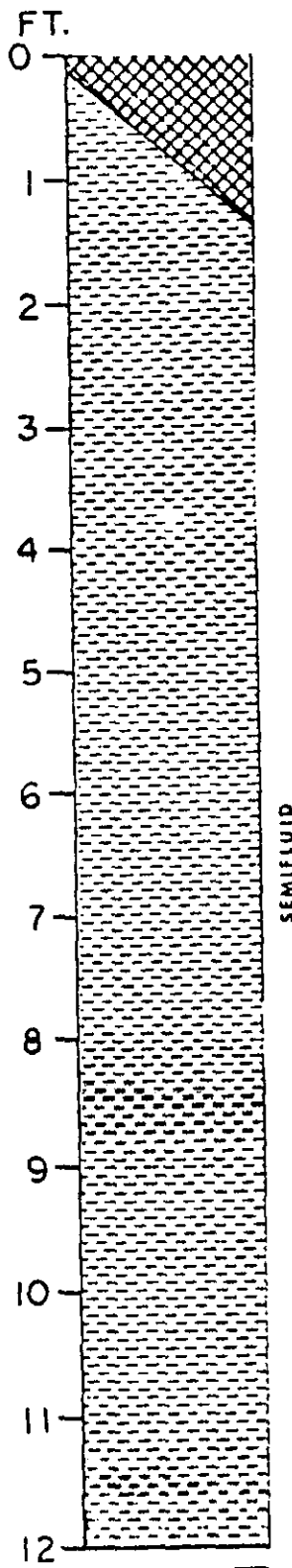




L.L. & E. (Task 12)

SEDIMENT FENCE LOCATION MAP

LAROSE MUCK



This unprotected, undrained soil occupies low elevations in fresh coastal marshes. The surface layer is dark gray muck about 5 inches thick. The underlying layers are gray, dark gray, or greenish gray semifluid clay to a depth of about 84 inches. Small areas of other soils with different properties may be included with this soil.

The water table ranges from 1/2 foot below to 2 feet above the soil surface. Surface runoff is very slow and permeability is very slow. If disturbed, this soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to the wetness, flooding, poor accessibility and low strength.



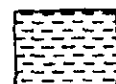
ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 1

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 50 ft.
(B) Direction of Fetch: S
(C) Water Depth: 1 ft.

- (D) Marsh Level: 5.35
(E) Pond Bottom Elevation: 7.35
(F) Slope of Bank: 1:0

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: N-S
(B) Spacing in Rows: 5 feet
(C) Distance from Bank: 10 ft.

- (D) Spacing Between Rows: 5 ft.
(E) Number of Rows: 2

Comments: All planting at L.L. & E. is in california bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

segment # 1 Side view

sediment/wave reduction fence

7.35

5.35

waterline

Canal

8-12'

bottom

2'

bullwhip planting

Top view

9tg
↓

segment # 1

Flotant

levee

fence

50'

Canal

levee

x = bullwhip planting sites

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|--------------------------------|---------------------------------|
| (A) Distance of Fetch: 100 ft. | (D) Marsh Level: 5.15 |
| (B) Direction of Fetch: SE | (E) Pond Bottom Elevation: 7.18 |
| (C) Water Depth: 1 ft. | (F) Slope of Bank: 1:0 |

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: row begins 1 ft. from bank. | |

Comments: All planting at L.L. & E. is in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

Comments:

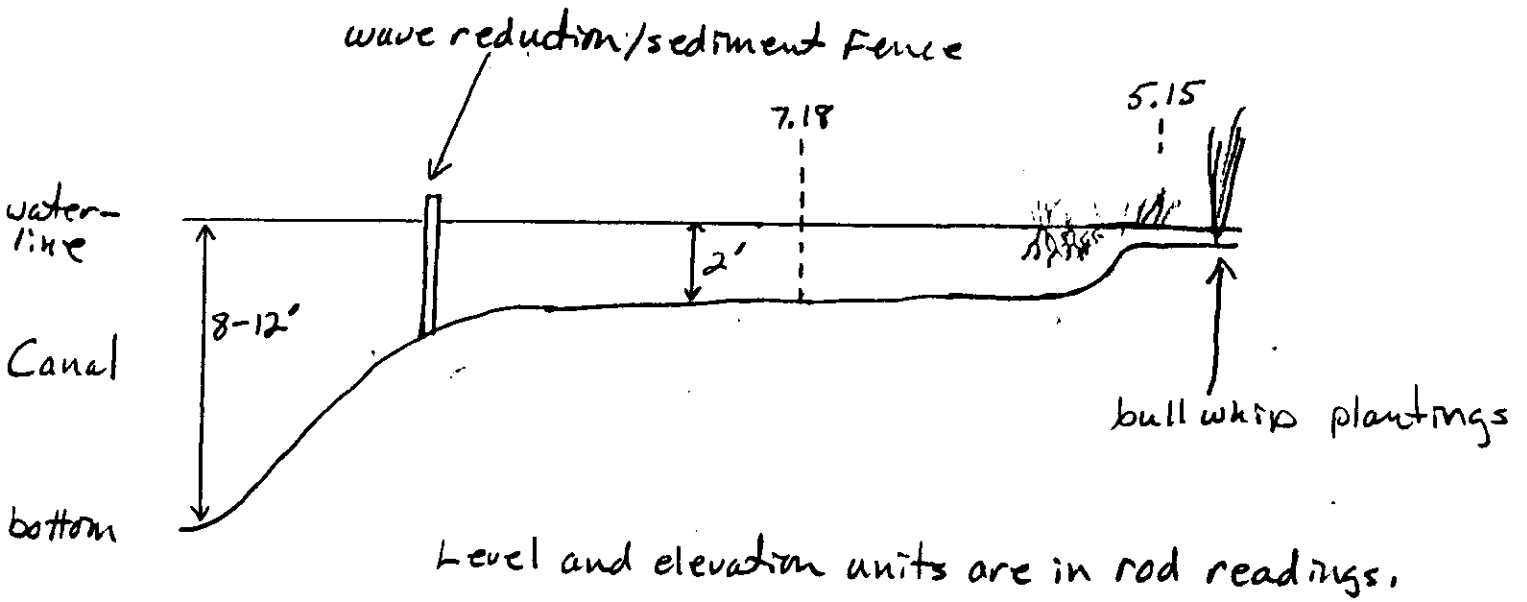
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

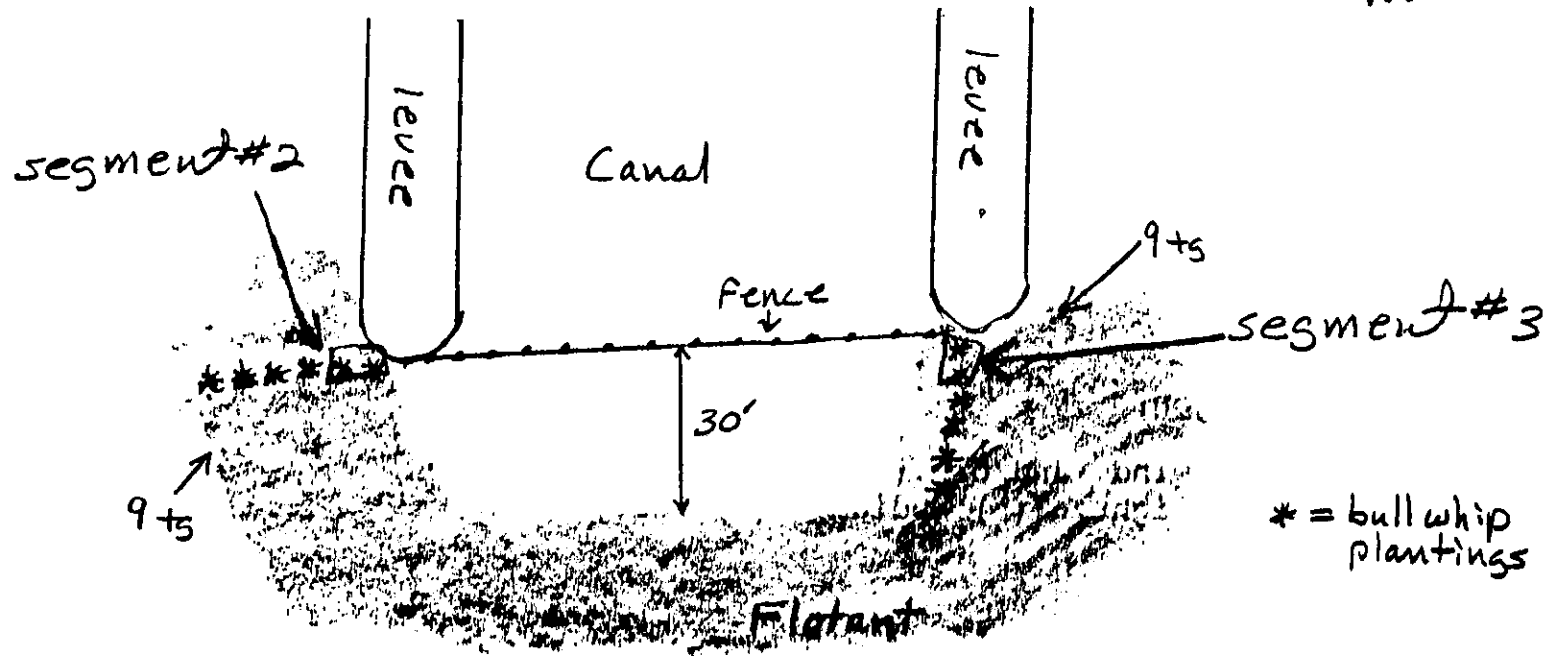
Comments:

segment #2

side view



Top View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|--------------------------------|---------------------------------|
| (A) Distance of Fetch: 100 ft. | (D) Marsh Level: 5.15 |
| (B) Direction of Fetch: SW | (E) Pond Bottom Elevation: 7.18 |
| (C) Water Depth: 1 ft. | (F) Slope of Bank: 1:0 |

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation

II. PLANTING ALIGNMENT:

- | | |
|---|------------------------------|
| (A) Direction of Rows: N-S | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: row begins 1 ft. from bank. | |

Comments: All planting at L.L. & E. is in California bulrush.
Segments 2 & 3 are on separate rows off each end of sediment fence.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- | |
|--------------------------------------|
| (A) (*) wind and/or (*) boat |
| (B) (*) light, () medium, () heavy |

Comments:

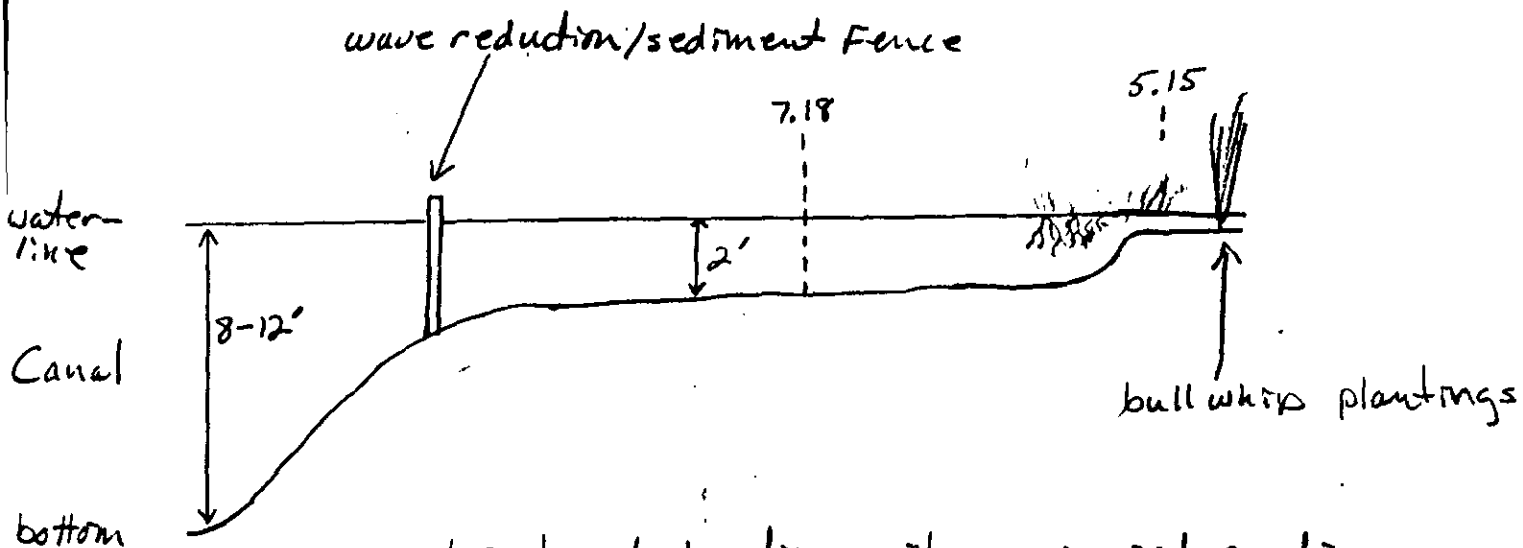
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

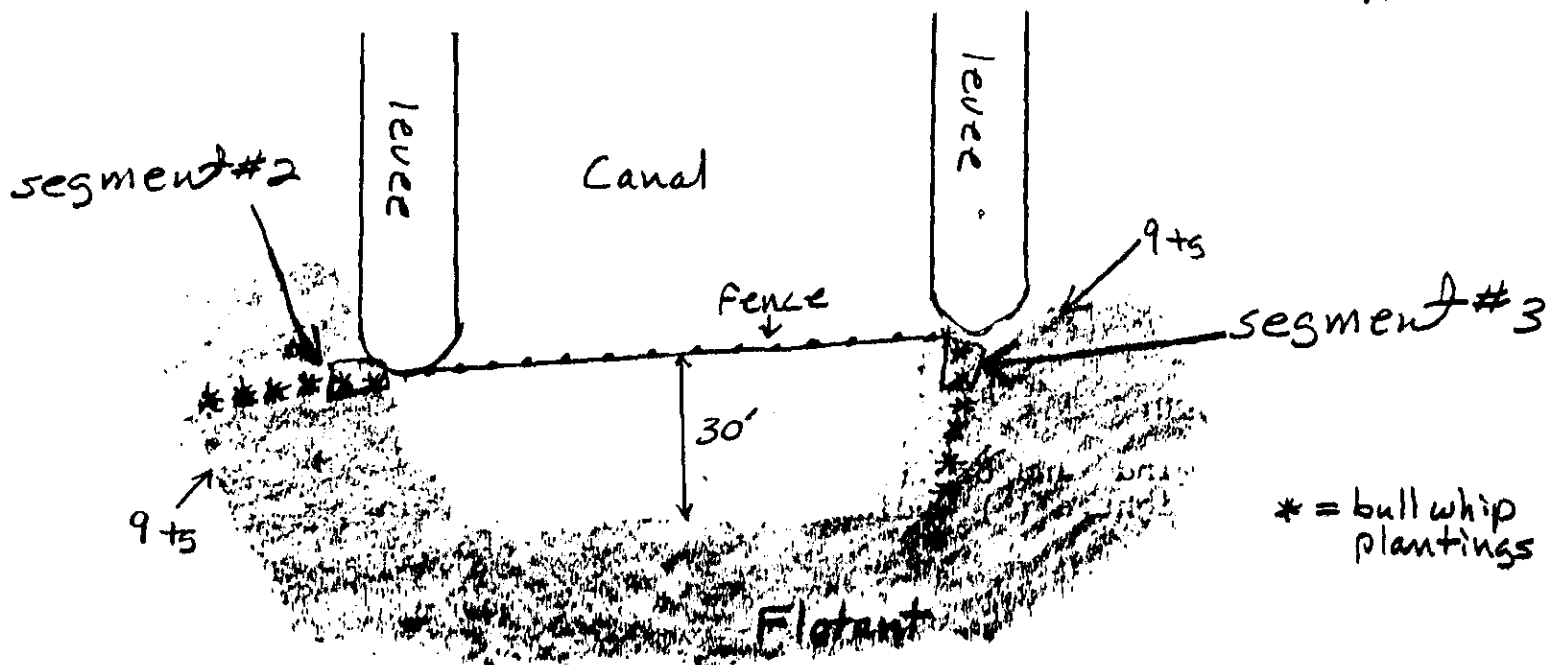
segment #3

side view



Level and elevation units are in rod readings.

Top View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 50 ft. | (D) Marsh Level: 5.3 |
| (B) Direction of Fetch: NE | (E) Pond Bottom Elevation: 7.4 |
| (C) Water Depth: 1.5 ft. | (F) Slope of Bank: 1:0 |

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------|---------------------------------|
| (A) Direction of Rows: SW-NE | (D) Spacing Between Rows: 5 ft. |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 2 |
| (C) Distance from Bank: 10 ft. | |

Comments: All planting at L.L. & E. is in california bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

Comments:

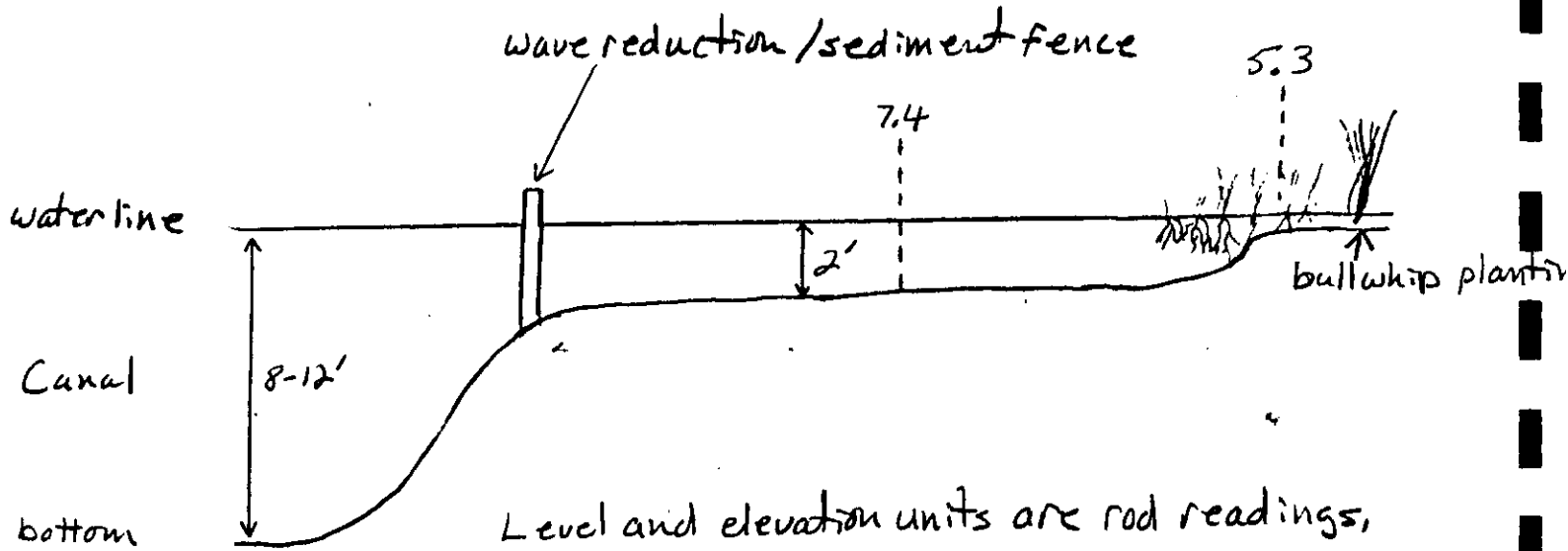
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

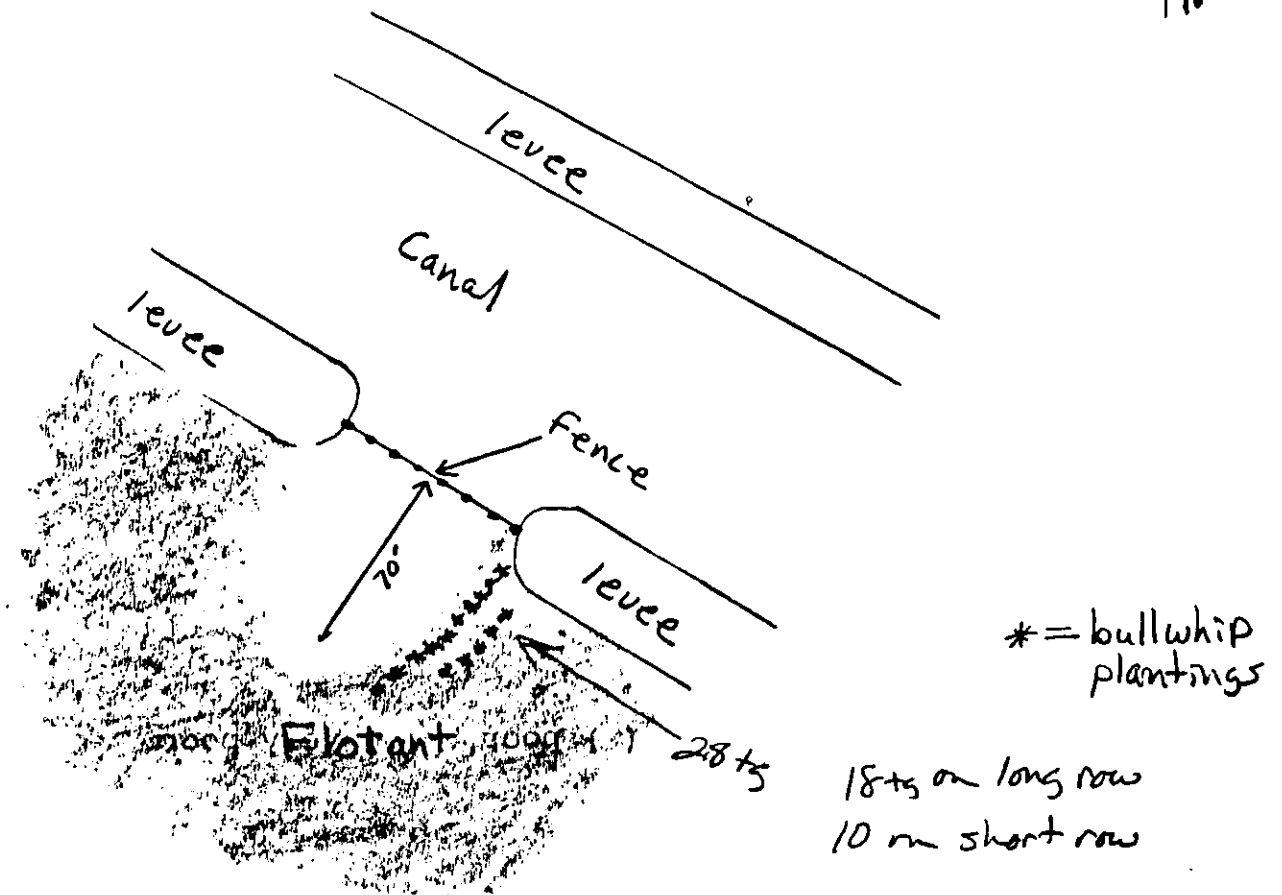
Comments:

segment #4

Side View



Top View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 5

I. BANK CONFIGURATION:

- | | |
|--------------------------------|---------------------------------|
| (A) Distance of Fetch: 100 ft. | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: SW | (E) Pond Bottom Elevation: 6.45 |
| (C) Water Depth: 1 ft. | (F) Slope of Bank: 1:0 |

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 5 ft. | |

Comments: All planting at L.L. & E. is in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

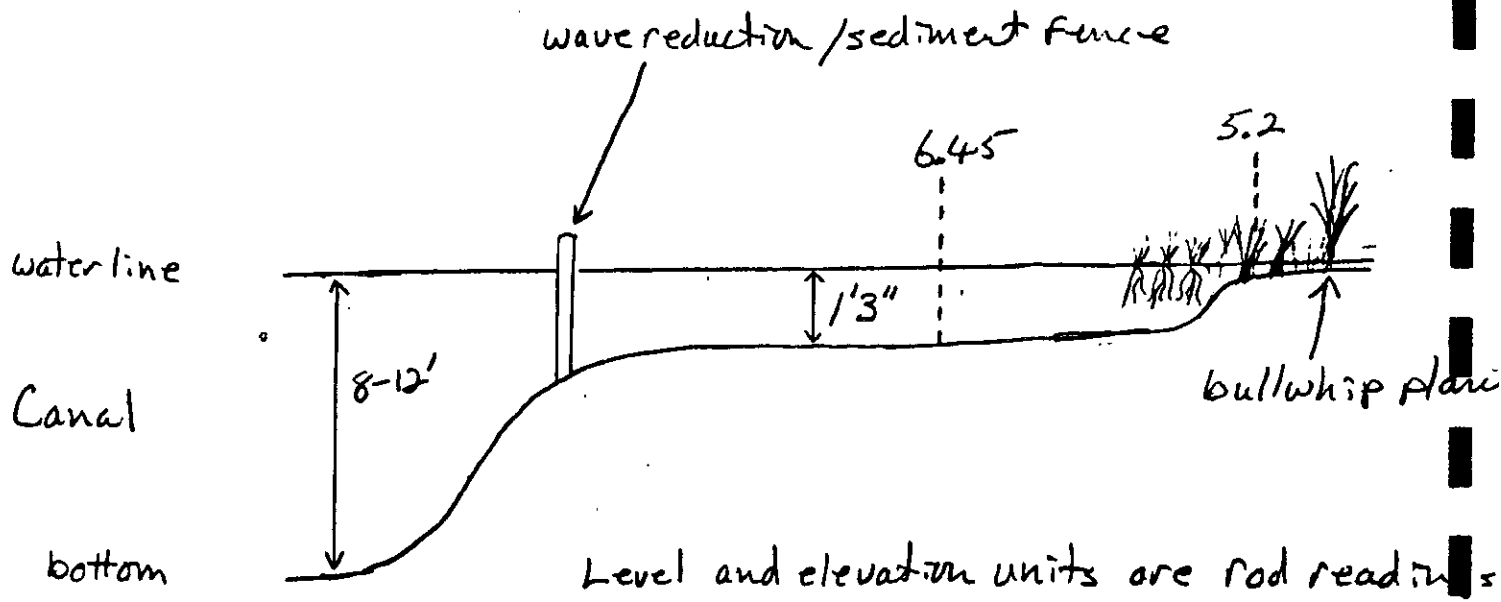
Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

Side View

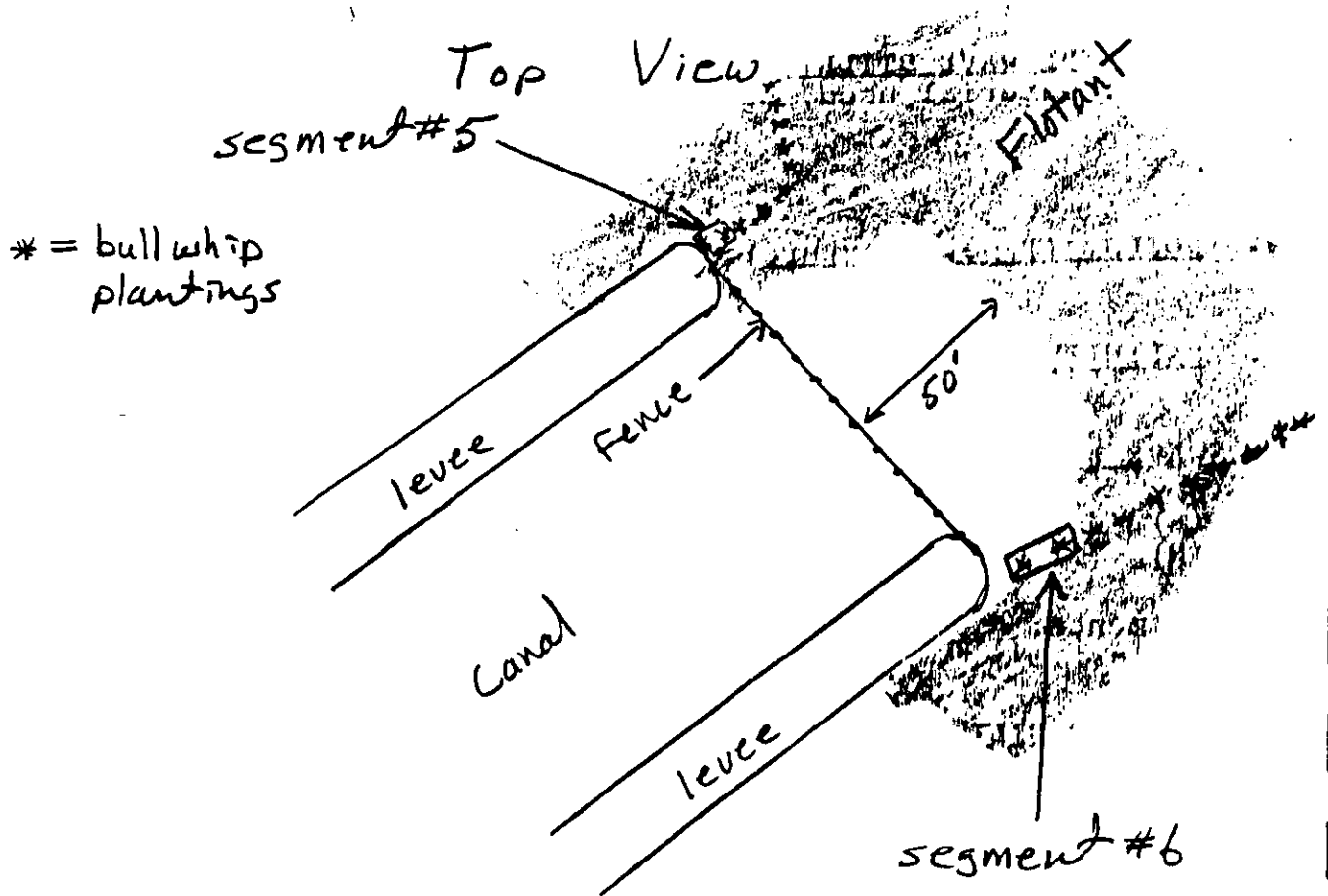


Level and elevation units are rod readings

10 ts on each row



Top View



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARISH: Terrebonne

DATE OF MONITORING: 4/8/94

MONITORS: Joey Breaux
Shawn Cheramie

SEGMENT NO: 6

I. BANK CONFIGURATION:

- | | |
|--------------------------------|---------------------------------|
| (A) Distance of Fetch: 100 ft. | (D) Marsh Level: 5.2 |
| (B) Direction of Fetch: N | (E) Pond Bottom Elevation: 6.45 |
| (C) Water Depth: 1 ft. | (F) Slope of Bank: 1:0 |

Comments: Planting done in inlet along oil field location canal, behind recently constructed sediment fence. (sketch on back)
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 5 ft. | |

Comments: All planting at L.L. & E. is in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included
Fence constructed of 2x4x8's bolted along top of landscape timber posts.
2 ft. plastic mesh attached with cable ties.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

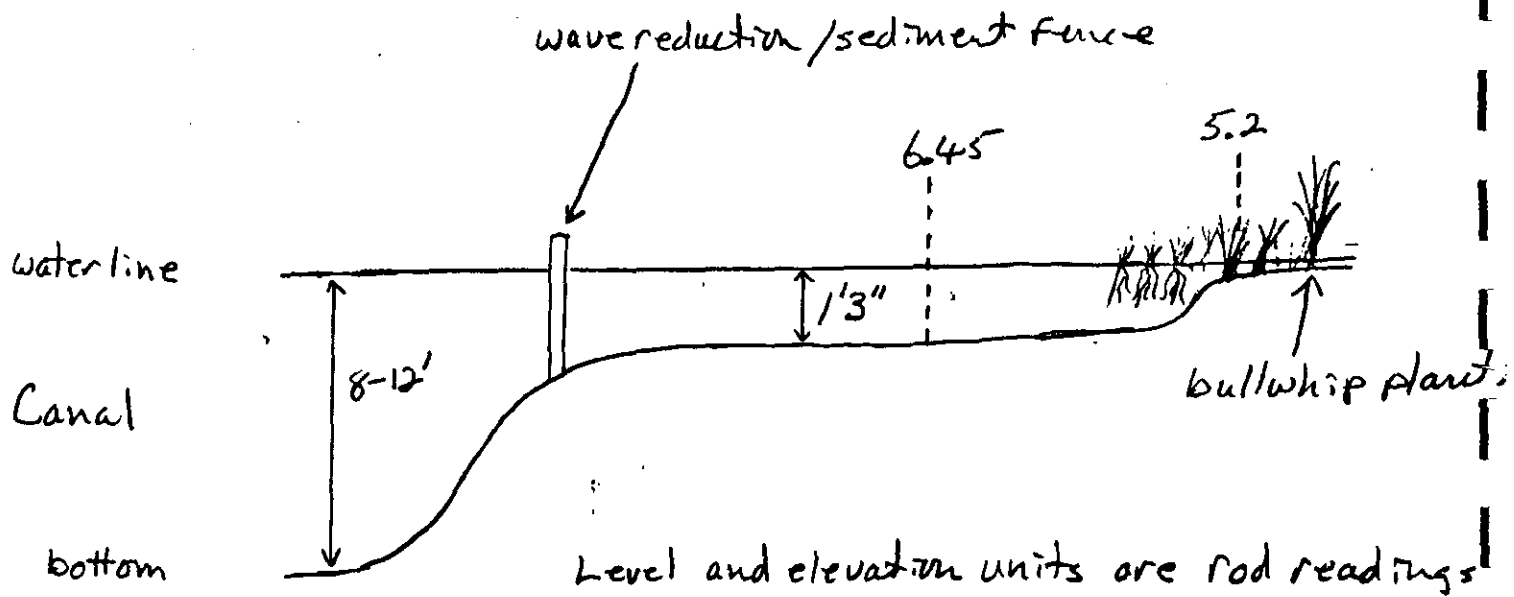
Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

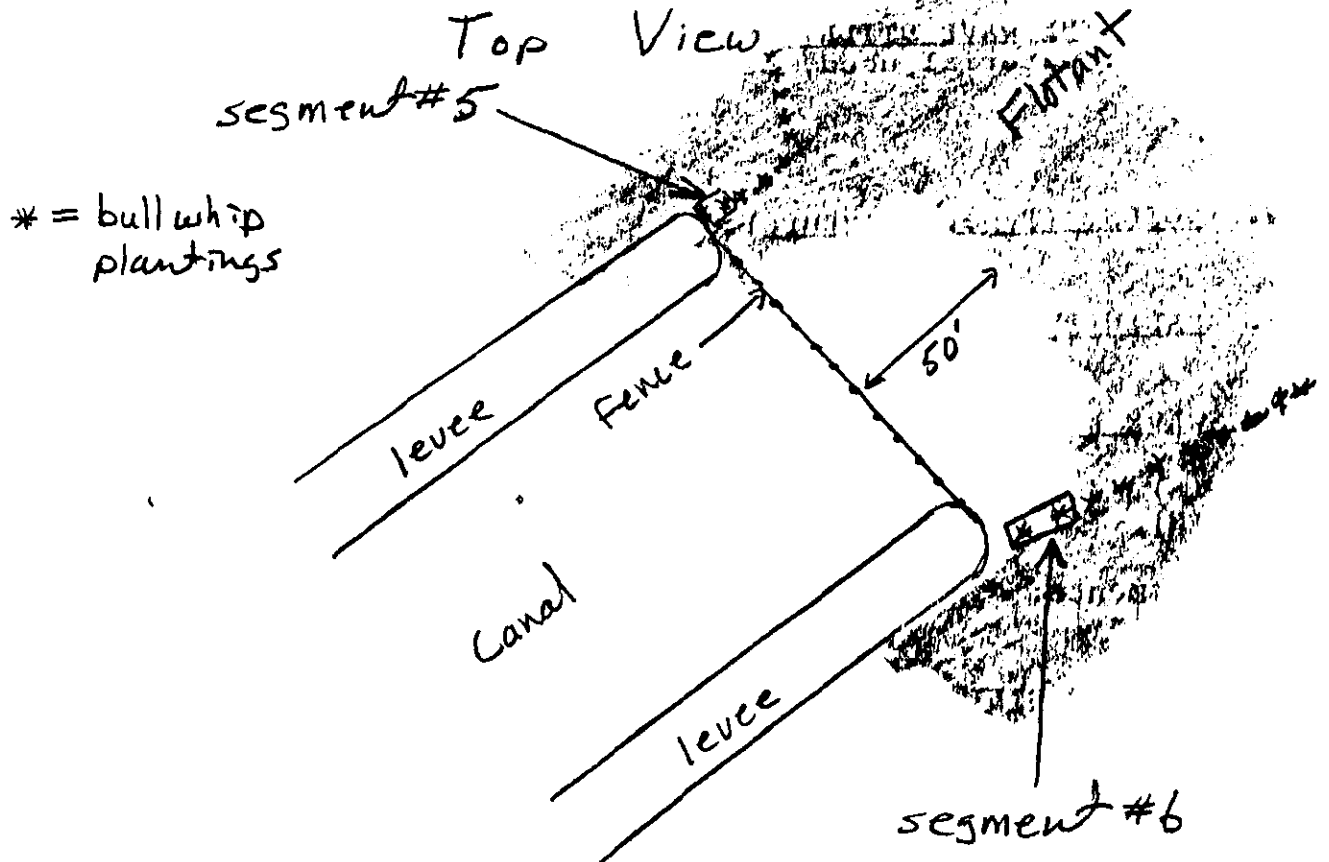
Side View



10 ts on each row



Top View



**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 1

DISTRICT Lafourche-Terrebonne SWCD **DATE OF PLANTING** 6/8/94

PARISH Terrebonne **MONITORING DATE** 8/1/94

INFORMATION PREPARED BY J. Breaux /M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

9

C. How many plants are living in this sample segment?

2

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

2

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 2

DISTRICT Lafourche-Terrebonne SWCD

DATE OF PLANTING 6/8/94

PARISH Terrebonne

MONITORING DATE 8/1/94

INFORMATION PREPARED BY J. Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

9

C. How many plants are living in this sample segment?

6

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

3

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 3

DISTRICT Lafourche-Terrebonne SWCD

DATE OF PLANTING 6/8/94

PARISH Terrebonne

MONITORING DATE 8/1/94

INFORMATION PREPARED BY J. Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

9

C. How many plants are living in this sample segment?

8

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

4

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

5/2 2.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 4

DISTRICT Lafourche-Terrebonne SWCD

DATE OF PLANTING 6/8/94

PARISH Terrebonne

MONITORING DATE 8/1/94

INFORMATION PREPARED BY J. Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted (scientific name and common name)**

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

28

C. How many plants are living in this sample segment?

9

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

4

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

3/2 1.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 5

DISTRICT Lafourche-Terrebonne SWCD

DATE OF PLANTING 6/8/94

PARISH Terrebonne

MONITORING DATE 8/1/94

INFORMATION PREPARED BY J. Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

10

C. How many plants are living in this sample segment?

5

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

4

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

1/2 .5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 12 (L.L. & E.)

SEGMENT # 6

DISTRICT Lafourche-Terrebonne SWCD

DATE OF PLANTING 6/8/94

PARISH Terrebonne

MONITORING DATE 8/1/94

INFORMATION PREPARED BY J. Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

75

B. How many plants were originally planted in this sample segment?

10

C. How many plants are living in this sample segment?

5

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

2

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/2 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 13

DISTRICT: Lafourche-Terrebonne SWCD

PROJECT: Lake Boudreaux Levee

PROJECT LOCATION: T-19S, R-18E, Section 12 of Terrebonne
Parish, Louisiana

PROJECT OBJECTIVES: To protect and stabilize a levee
through the establishment of vegetative
material to prevent erosion.

PROJECT FEATURES: Planting 700 gallon containers of
smooth cordgrass (*Spartina alterniflora*)
on 5' spacing at the base of the levee.
Also, planting 8,000 peat pots of
marshhay cordgrass (*Spartina patens*)
on the top-most part of the levee,
2 rows, with 6" spacing. Distance
to be planted is 11,500' of shoreline
at a cost of \$13,025.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: LAFOURCHE-TERREBONNEPROJECT NAME: LAKE BOUDREAU SHORELINESITE EVALUATOR: C. MIDKIFF, M. TULLOSDATE: 6-3-9

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT
----------------	-----------------	----------------	----------------	-------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>2</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 11

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

IF 0-6 POINTS, CONTACT APPROPRIATE SPECIALIST

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: LAFOURCHE-TERREBONNEPROJECT NAME: LAKE BOUDREAU LEVEESITE EVALUATOR: C. MIDKIFF, M. TULLOSDATE: 6-3-9

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
----------------	-----------------	----------------	----------------	--------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>0</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>0</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>2</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>1</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 8

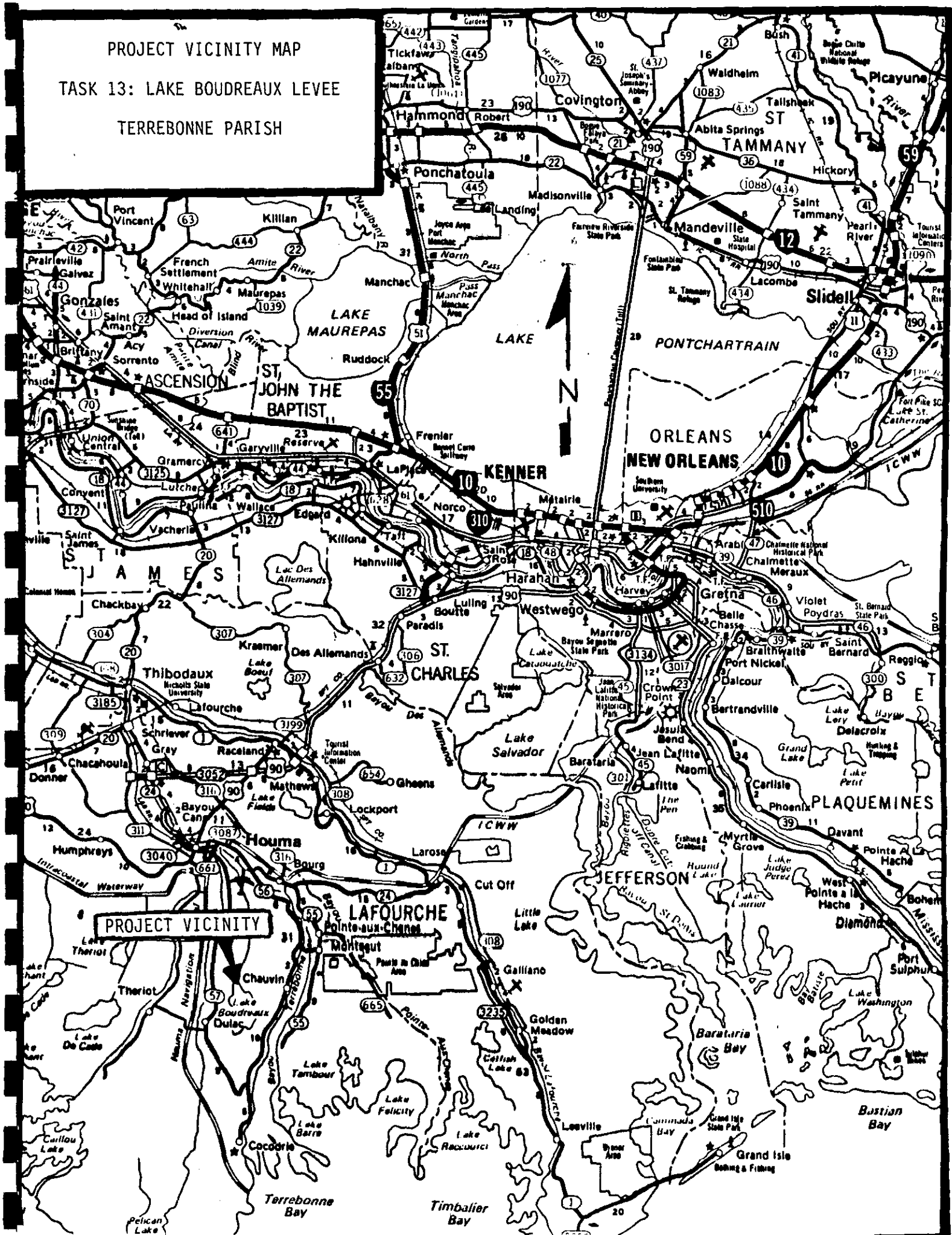
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

REMARKS: 1. FURTHER INVESTIGATION OF SOILS REQUIRED BY APPROPRIATE SPECIALIST

PROJECT VICINITY MAP

TASK 13: LAKE BOUDREAUX LEVEE

TERREBONNE PARISH

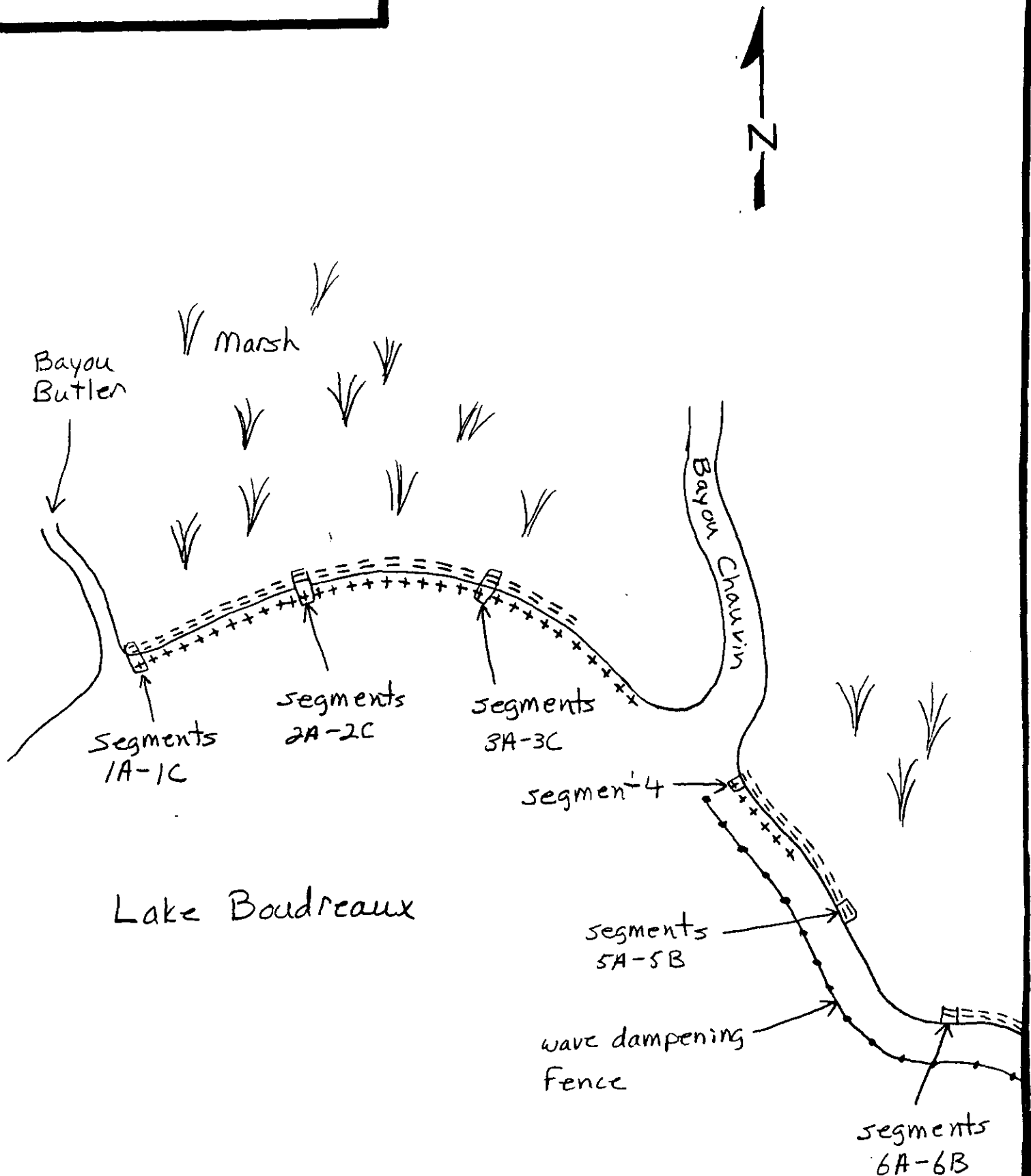




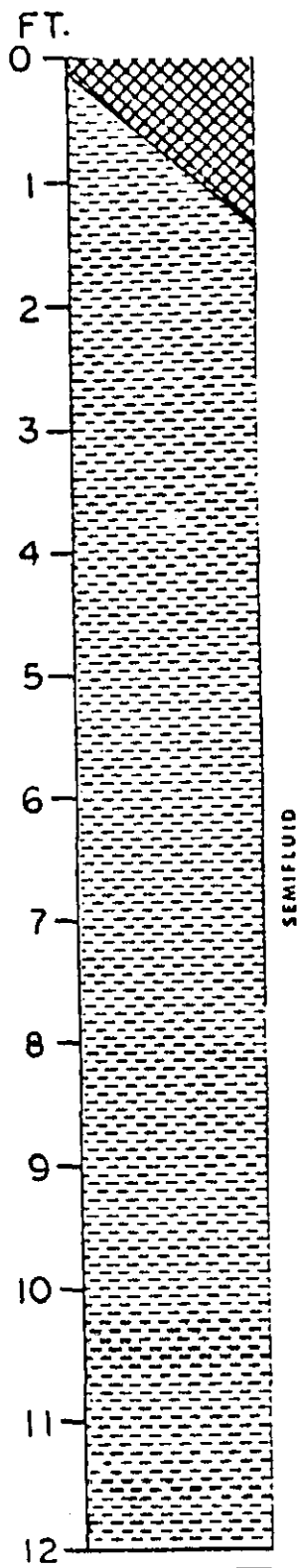
PROJECT LOCATION MAP
TASK 13: LAKE BOUDREAUX LEVEE
TERREBONNE PARISH



TASK 13
LAKE BOUDREAUX LEVEE
TERREBONNE PARISH



LAROSE MUCK



This unprotected, undrained soil occupies low elevations in fresh coastal marshes. The surface layer is dark gray muck about 5 inches thick. The underlying layers are gray, dark gray, or greenish gray semifluid clay to a depth of about 84 inches. Small areas of other soils with different properties may be included with this soil.

The water table ranges from 1/2 foot below to 2 feet above the soil surface. Surface runoff is very slow and permeability is very slow. If disturbed, this soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to the wetness, flooding, poor accessibility and low strength.



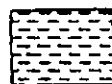
ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DISTRICT: Laforche-Terrebonne

DATE OF PLANTING: 5/5/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breau
Jewel Boudwin

SEGMENT NO: 1A

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: 12.6 |
| (C) Water Depth: 0-6 inches | (F) Slope of Bank: 20:1 |

Comments: Pond bottom elevation is rod reading taken approx. 400 feet out into Lake Boudreaux (sketch on back). Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 5 feet | |

Comments: Segment 1A is planted in smooth cordgrass (*Spartina alterniflora*).
Planted in single row along levee.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
None

IV. SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.

V. SALINITY: 0-2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) () light, (*) medium, () heavy

Comments:

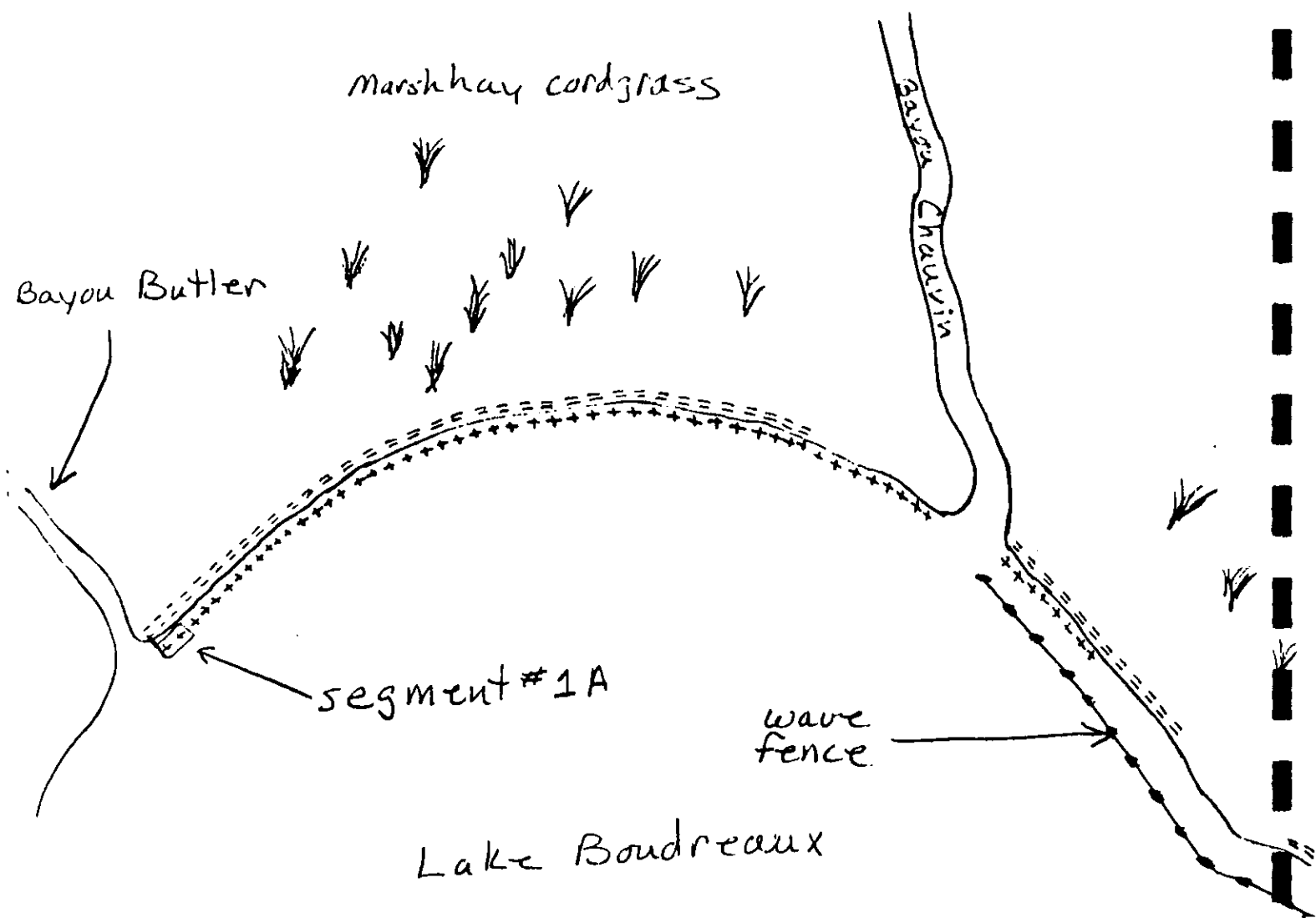
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

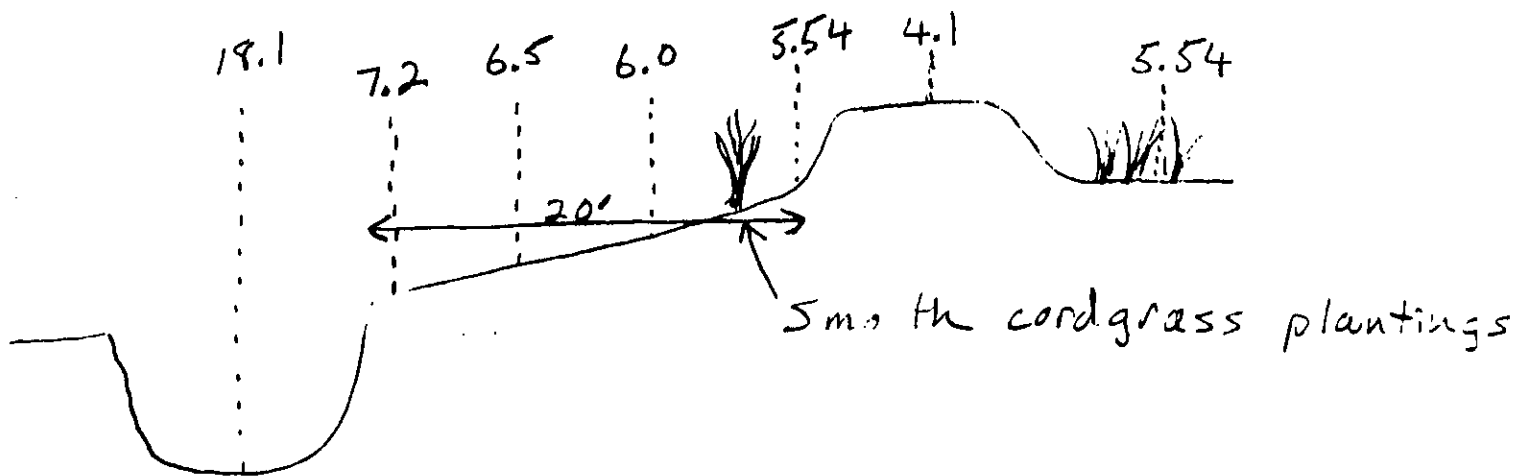
Comments:

+ = smooth cordgrass
- = marsh hay cord grass

N



Side view



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/2/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 1B

I. BANK CONFIGURATION:

- | | |
|-------------------------------|-------------------------------|
| (A) Distance of Fetch: 1 Mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 1:0 (Flat) |

Comments: Plants are planted on top of levee. Flat, level surface, 15 feet inland from waters edge. (Sketch on back) Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 feet |
| (B) Spacing in Rows: 6 inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 15 ft. inland | |

Comments: Segment 1B is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

- IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

- V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

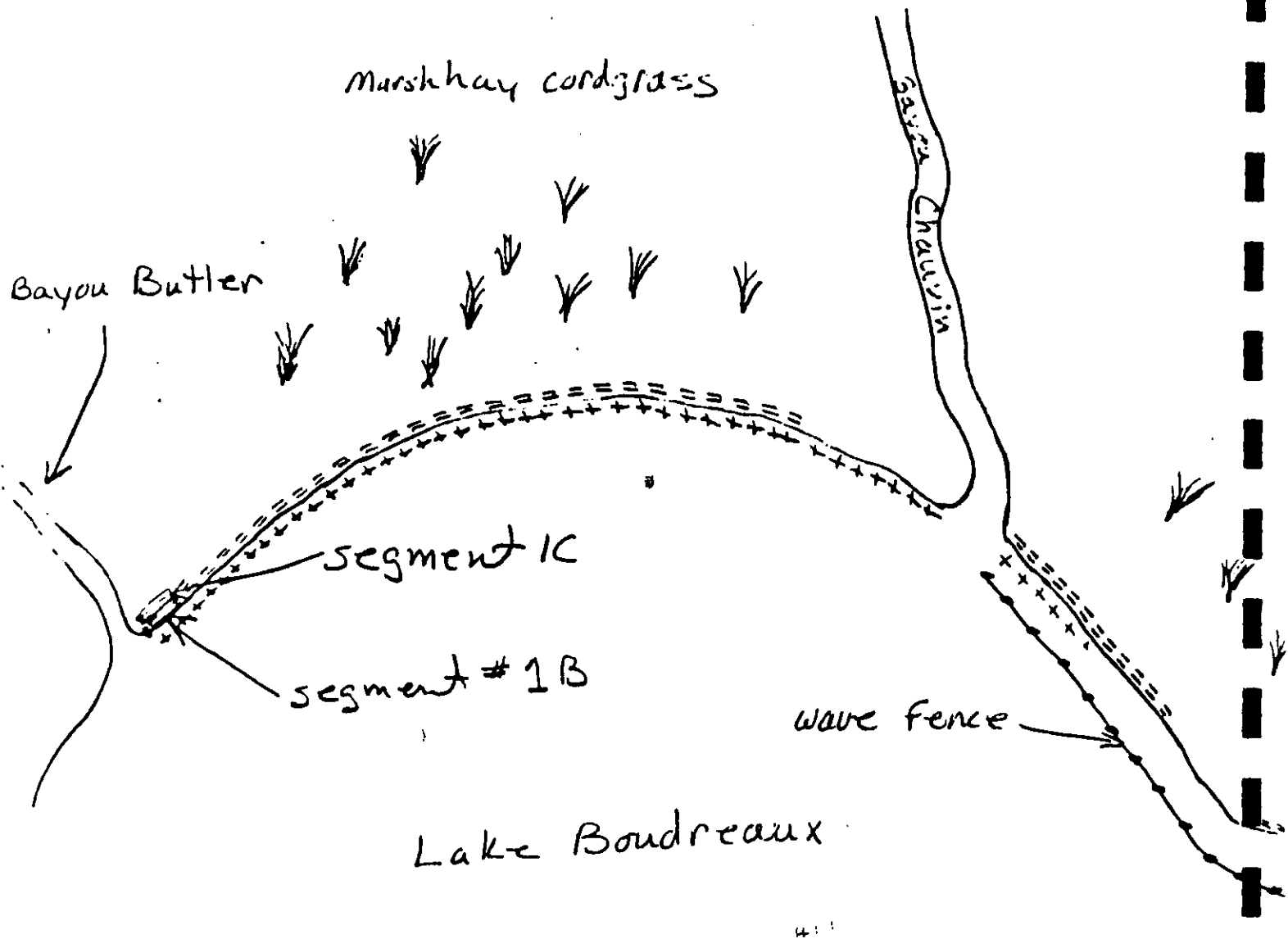
Comments:

VII. TRAFFICABILITY:

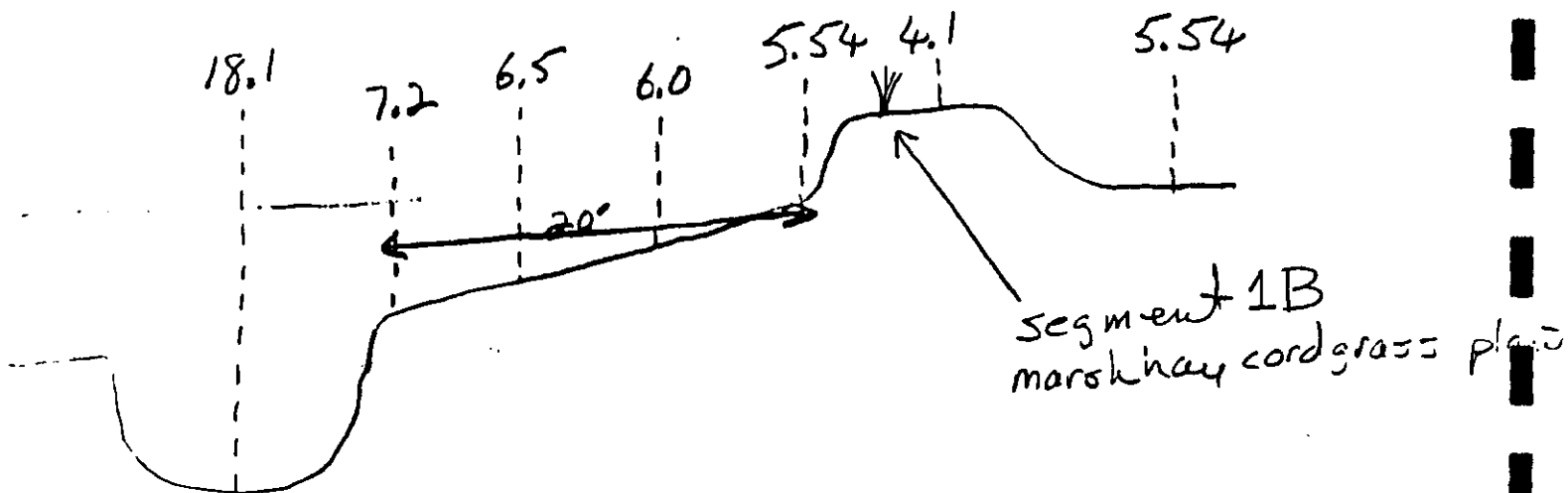
☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

+ = smooth cordgrass
- = marshhay cordgrass



side view



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/2/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breau
Jewel Boudwin

SEGMENT NO: 1C

I. BANK CONFIGURATION:

- | | |
|-------------------------------|-------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 1:0 (Flat) |

Comments: Plants are planted on top of levee. Flat, level surface, 18 feet inland from waters edge. (Sketch on back) Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 feet |
| (B) Spacing in Rows: 6 inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 18 ft inland | |

Comments: Segment 1C is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

IV. SOILS (Type & Texture):

Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

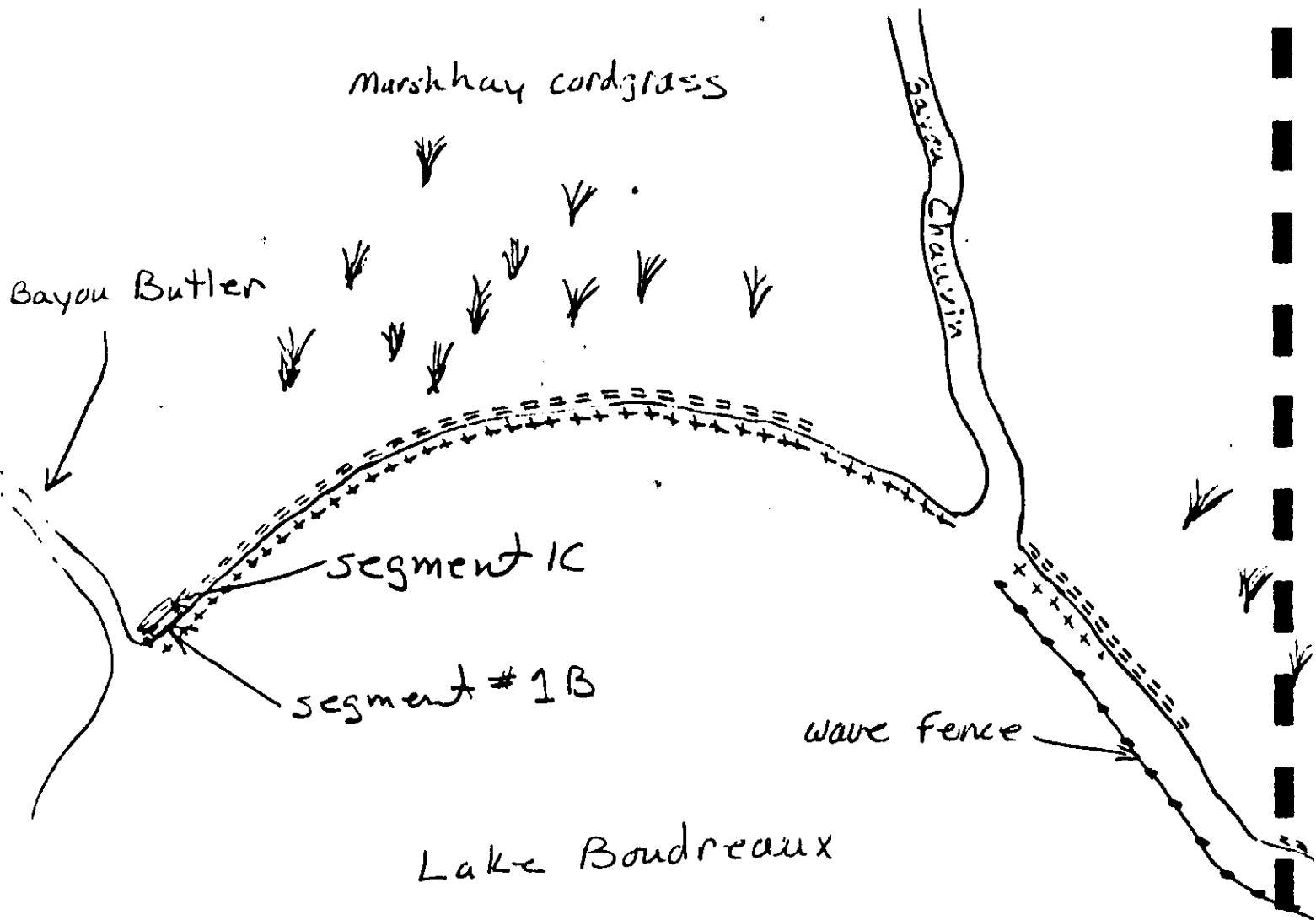
Comments:

VII. TRAFFICABILITY:

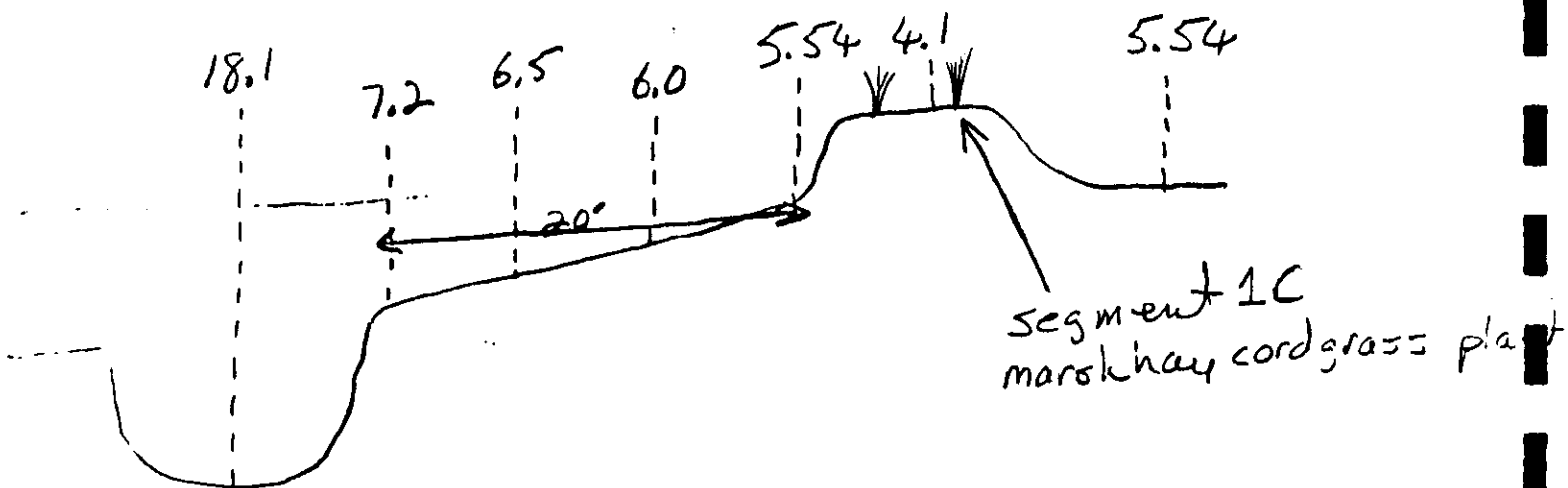
☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

+ = smooth cordgrass
 - = marshhay cordgrass



side view



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Laforche-Terrebonne

DATE OF PLANTING: 5/6/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 2A

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: 12.6 |
| (C) Water Depth: 0-6 inches | (F) Slope of Bank: 20:1 |

Comments: Pond bottom elevation is rod reading taken approx. 400 feet out into Lake Boudreaux (sketch on back) Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 5 feet | |

Comments: Segment 2A is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
None

IV. SOILS (Type & Texture): Freshwater marsh^{LH}; deep peat; peaty muck.

V. SALINITY: 0-2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) () light, (*) medium, () heavy

Comments:

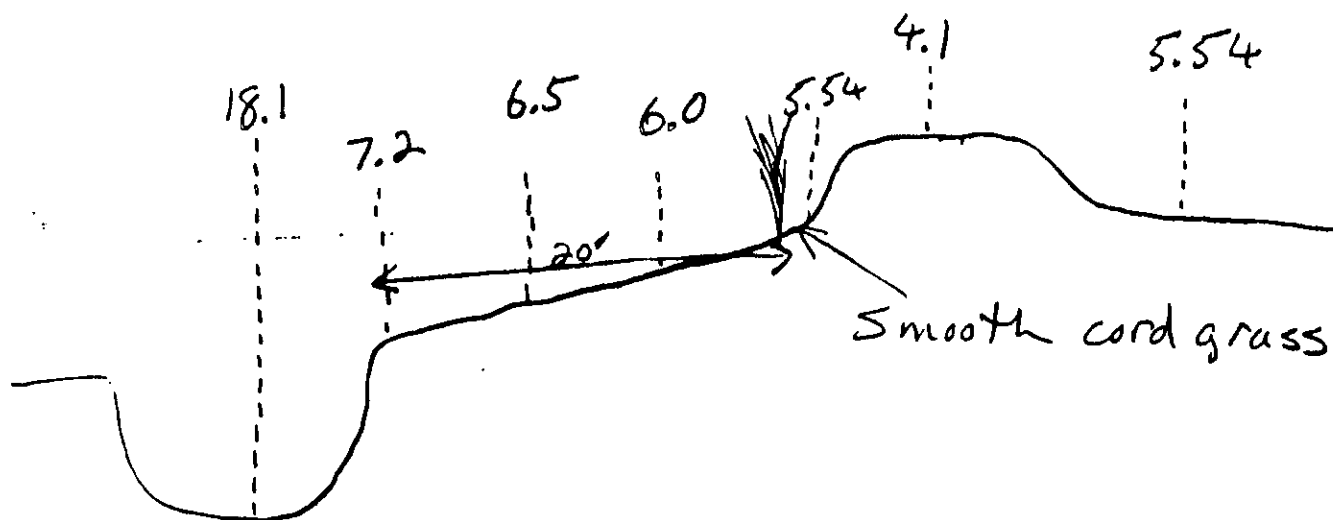
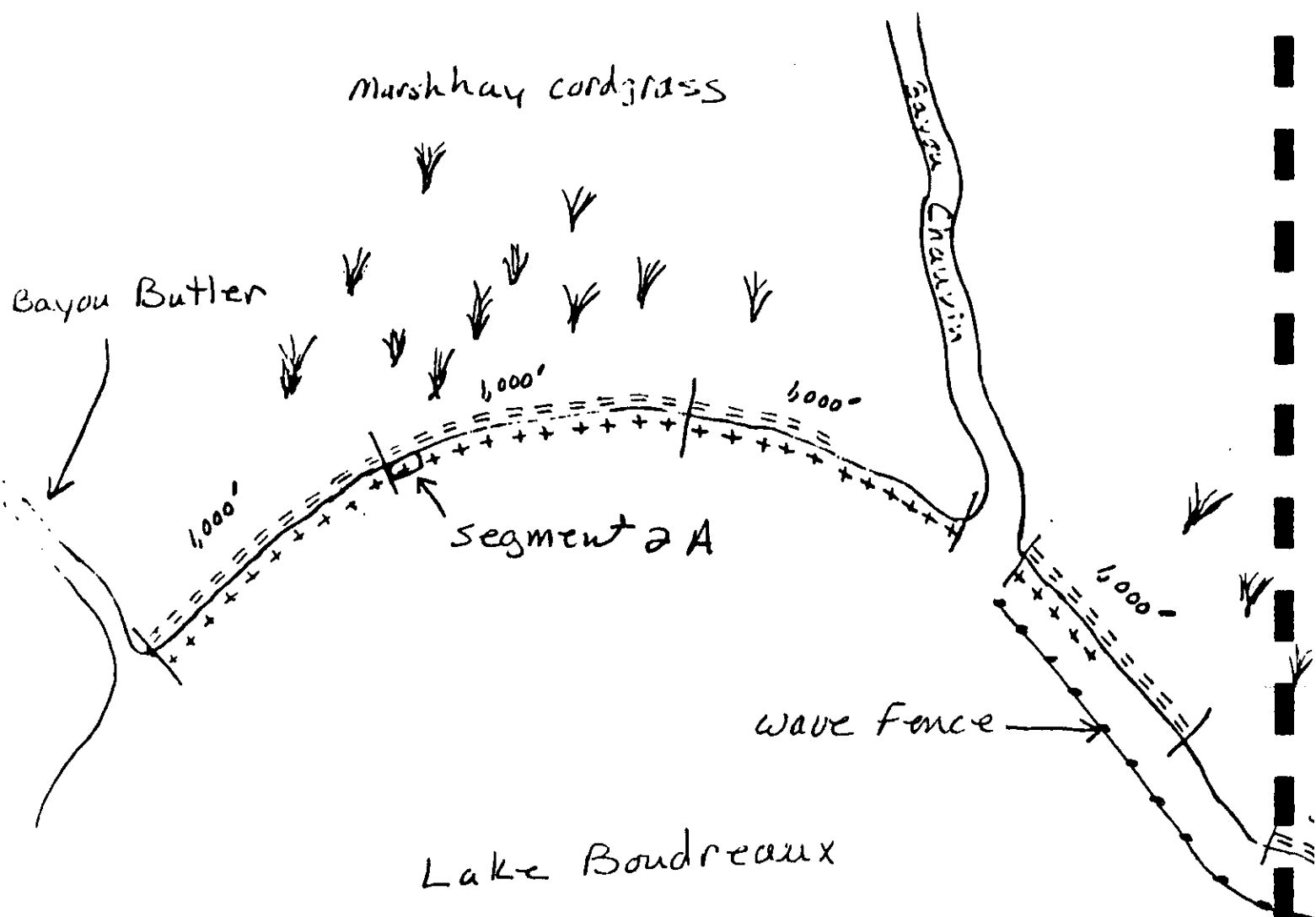
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass

N



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourch-Terrebonne

DATE OF PLANTING: 5/2/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 2B

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (on bank) | (F) Slope of Bank: 30:1 (Flat) |

Comments: Plants are planted on top of levee 10 feet inland from waters edge.
Elevation & level units are rod readings. (Sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 Feet |
| (B) Spacing in Rows: 6 inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 5 ft. inland | |

Comments: Section 2B is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

IV. SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.
(spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

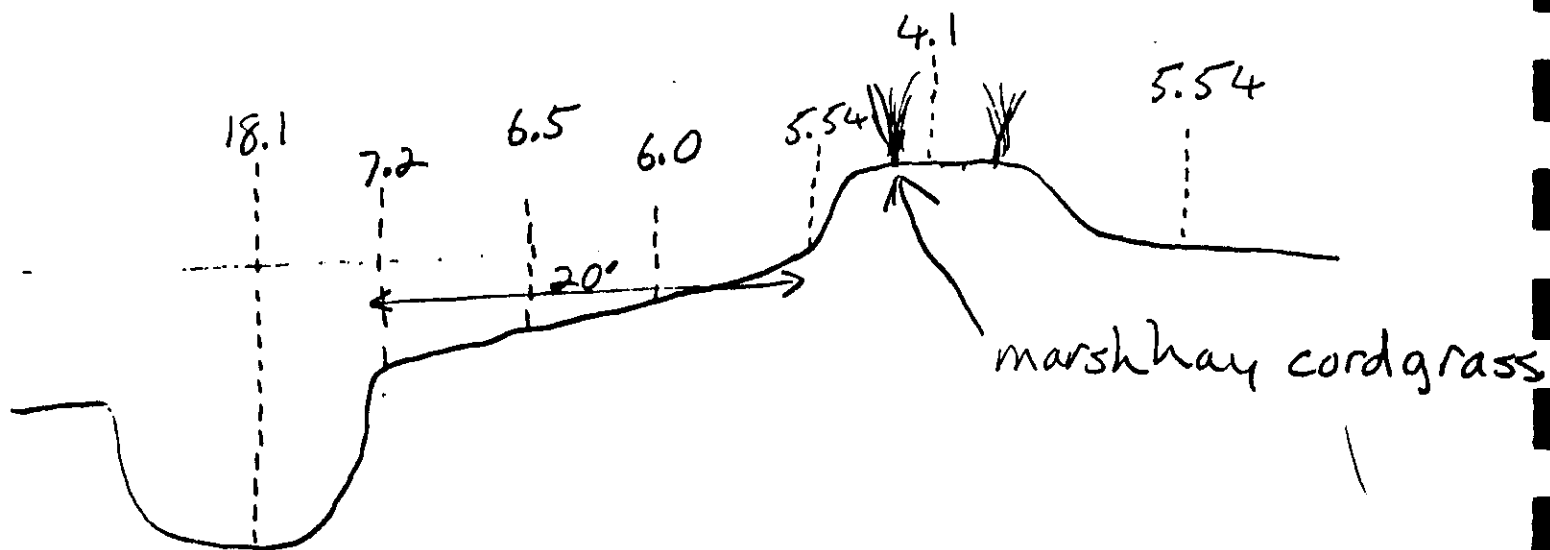
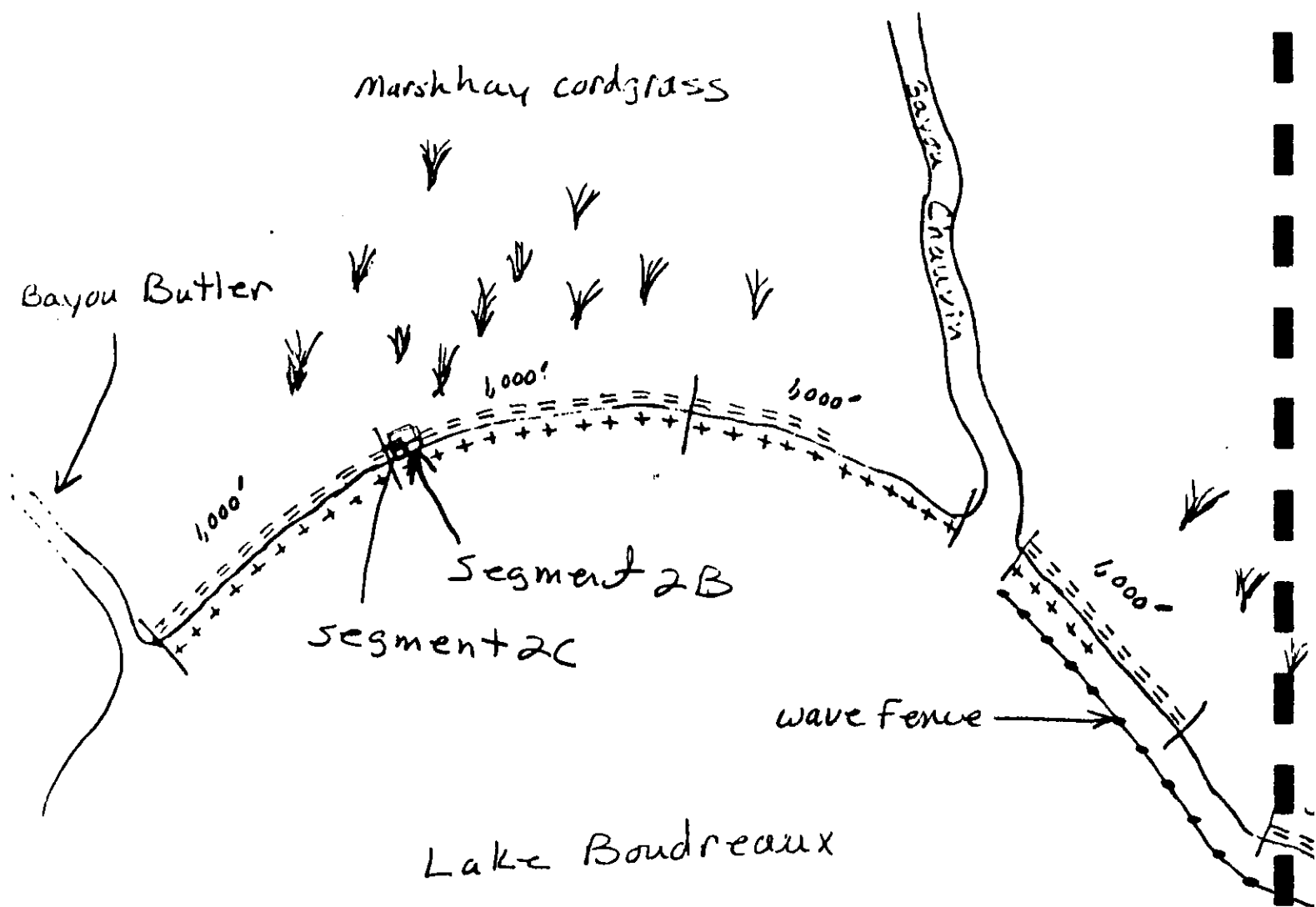
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/2/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 2C

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 Mile | (D) Marsh Level: 3 Feet |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 30:1 (Flat) |

Comments: Plants are planted on top of levee 8 feet inland from waters edge.
(Sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 Feet |
| (B) Spacing in Rows: 6 Inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 8 ft. Inland | |

Comments: Segment 2C is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

IV. SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.
(spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

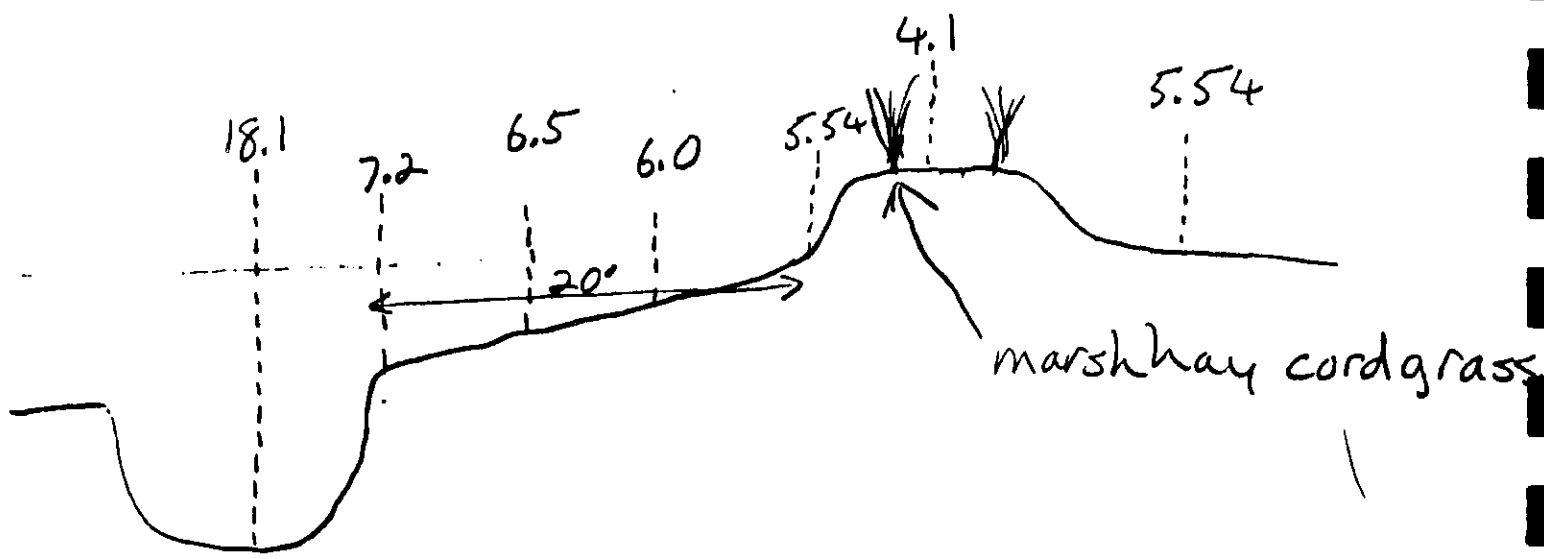
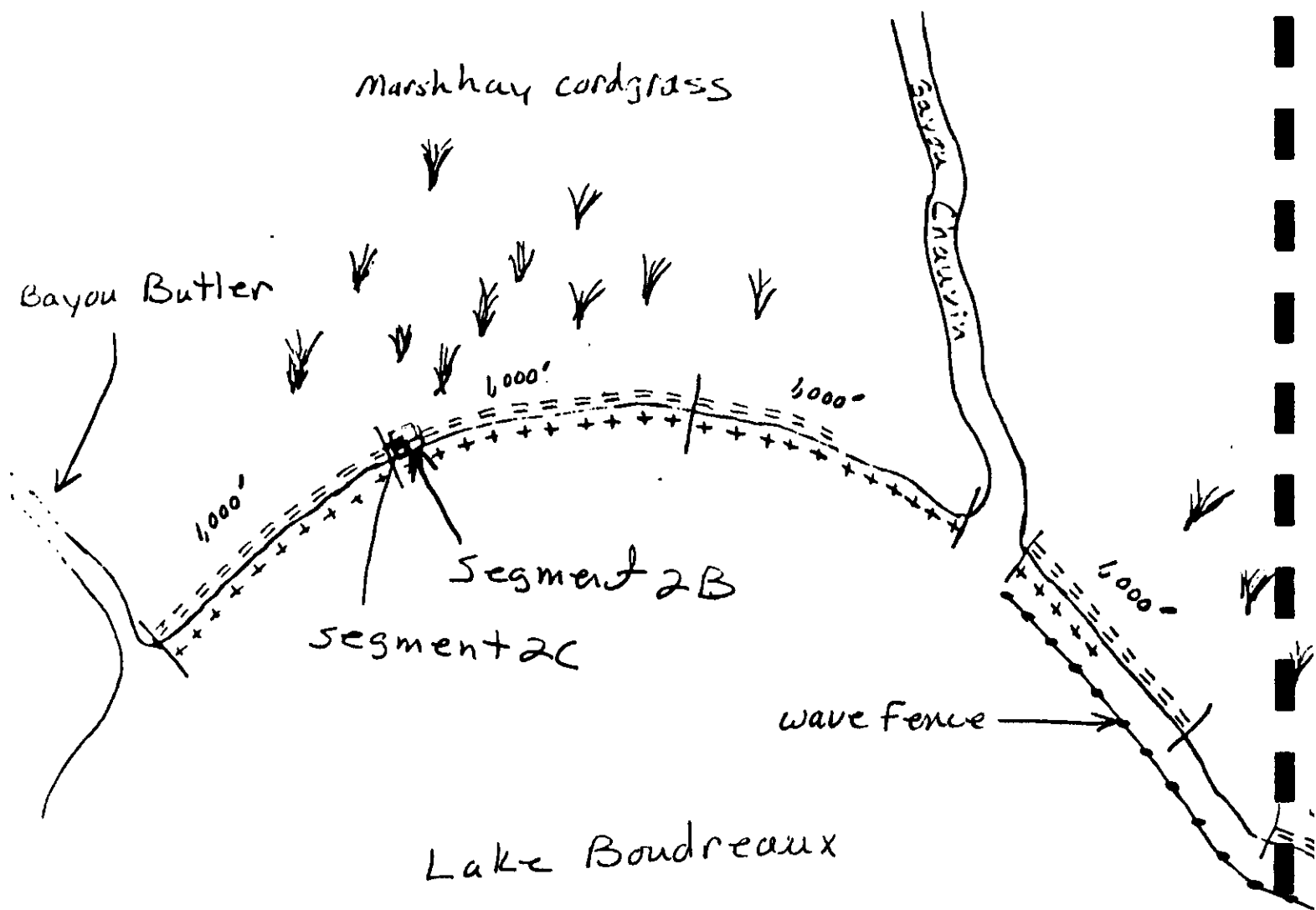
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Laforche-Terrebonne

DATE OF PLANTING: 5/6/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breau
Jewel Boudwin

SEGMENT NO: 3A

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: 12.6 |
| (C) Water Depth: 6-12 inches | (F) Slope of Bank: 20:1 |

Comments: Pond bottom elevation is rod reading taken approx. 400 feet out into Lake Boudreaux. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 10 feet | |

Comments: Segment 3A is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
None

IV. SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.

V. SALINITY: 0-2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) () light, (*) medium, () heavy

Comments:

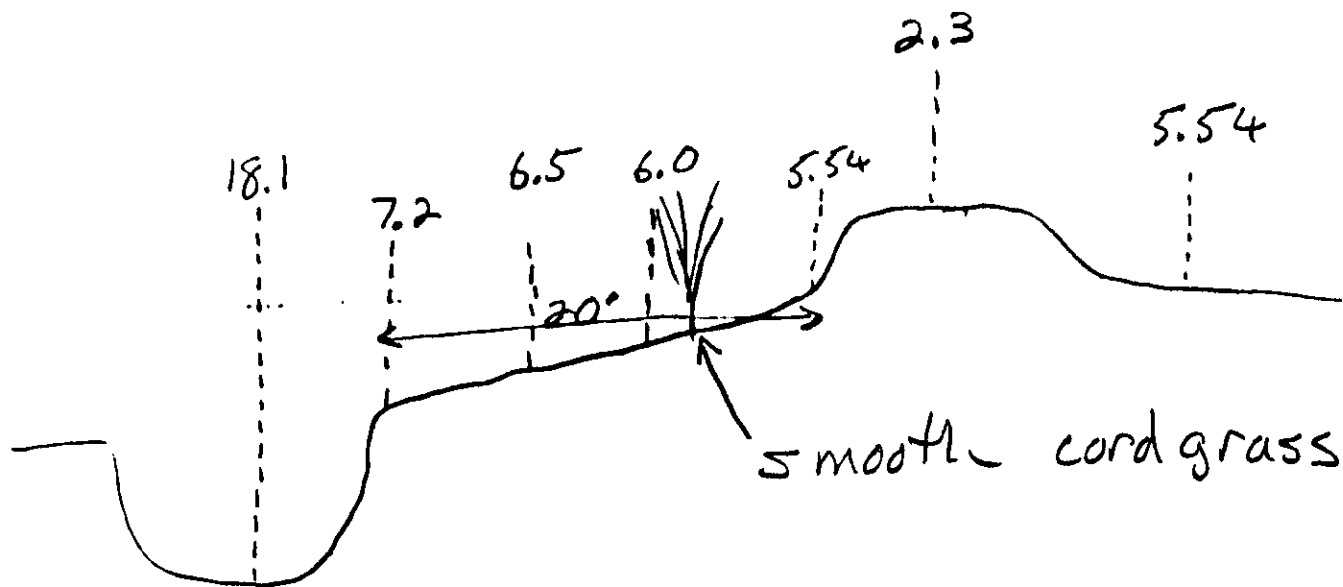
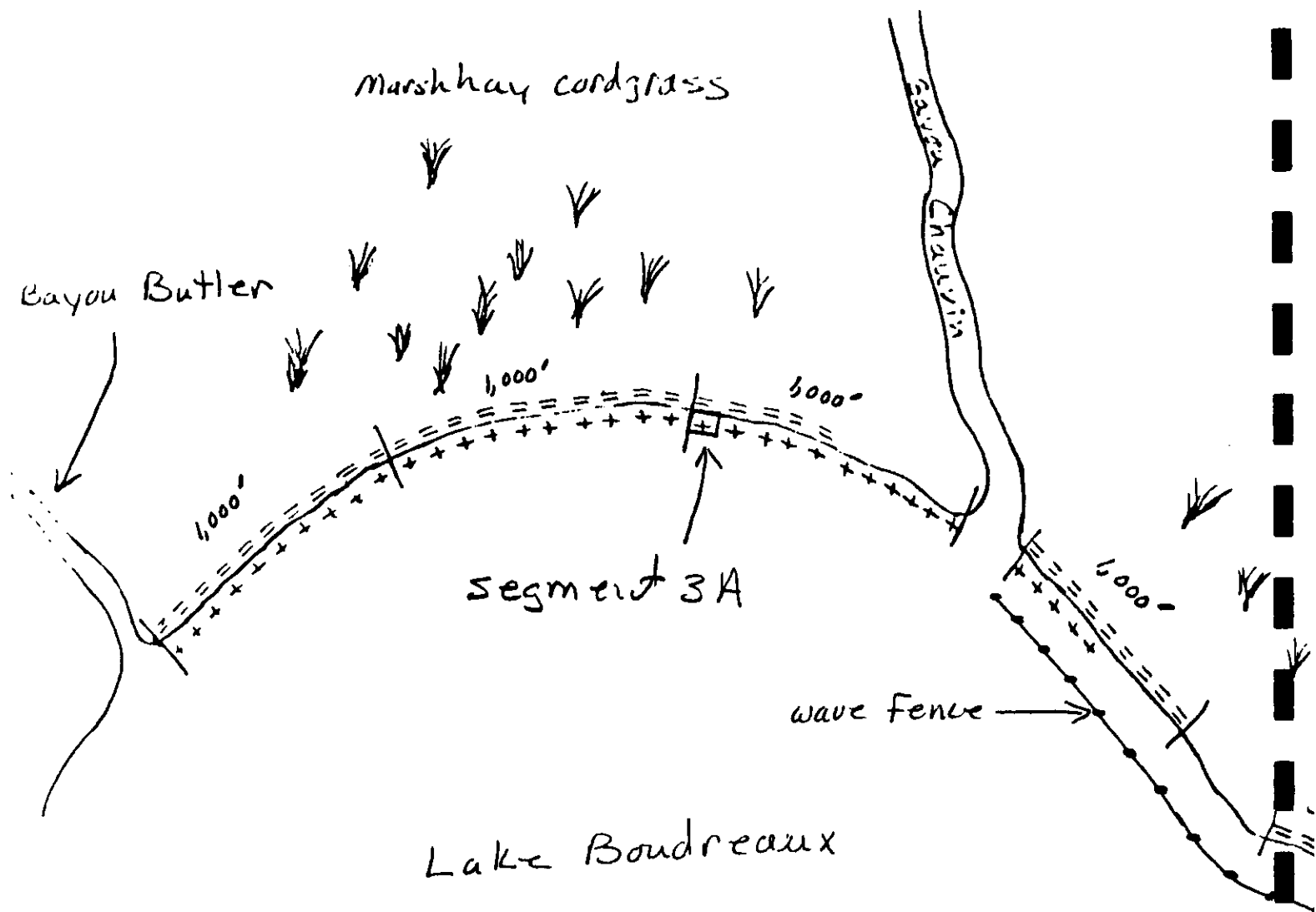
VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass

N



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/3/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 3B

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 Mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 30:1 (Flat) |

Comments: Plants are planted on top of levee 10 feet inland from waters edge.
Elevation & level units are rod readings. (Sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 Feet |
| (B) Spacing in Rows: 6 Inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 10 ft. Inland | |

Comments: Segment 3B is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

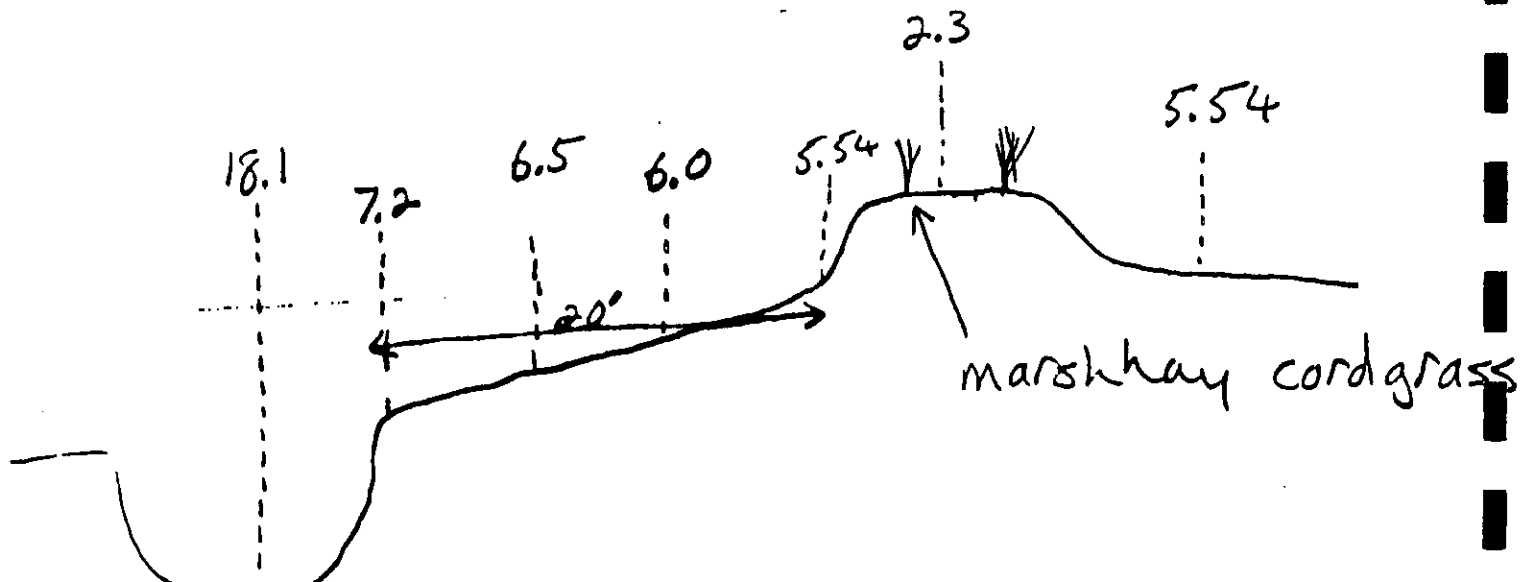
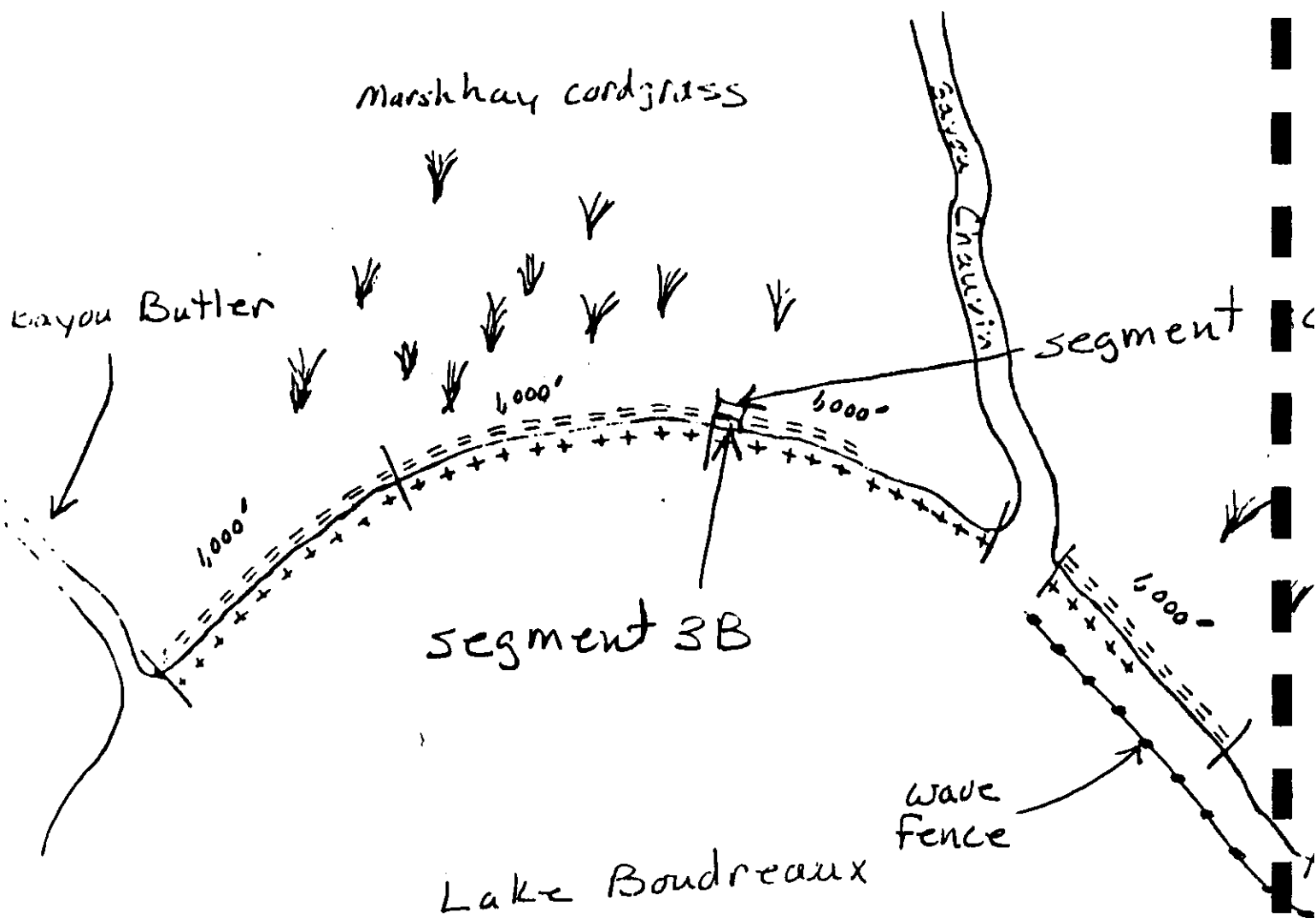
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/3/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 3C

I. BANK CONFIGURATION:

(A) Distance of Fetch: 1 Mile	(D) Marsh Level: 5.54
(B) Direction of Fetch: South	(E) Pond Bottom Elevation: NA
(C) Water Depth: 0 (On bank)	(F) Slope of Bank: 30:1(Flat)

Comments: Plants are planted on top of levee 13 feet from waters edge.
Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W	(D) Spacing Between Rows: 3 Feet
(B) Spacing in Rows: 6 Inches	(E) Number of Rows: 2
(C) Distance from Bank: 13 ft. inland	

Comments: Segment 3C is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

None

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

(A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

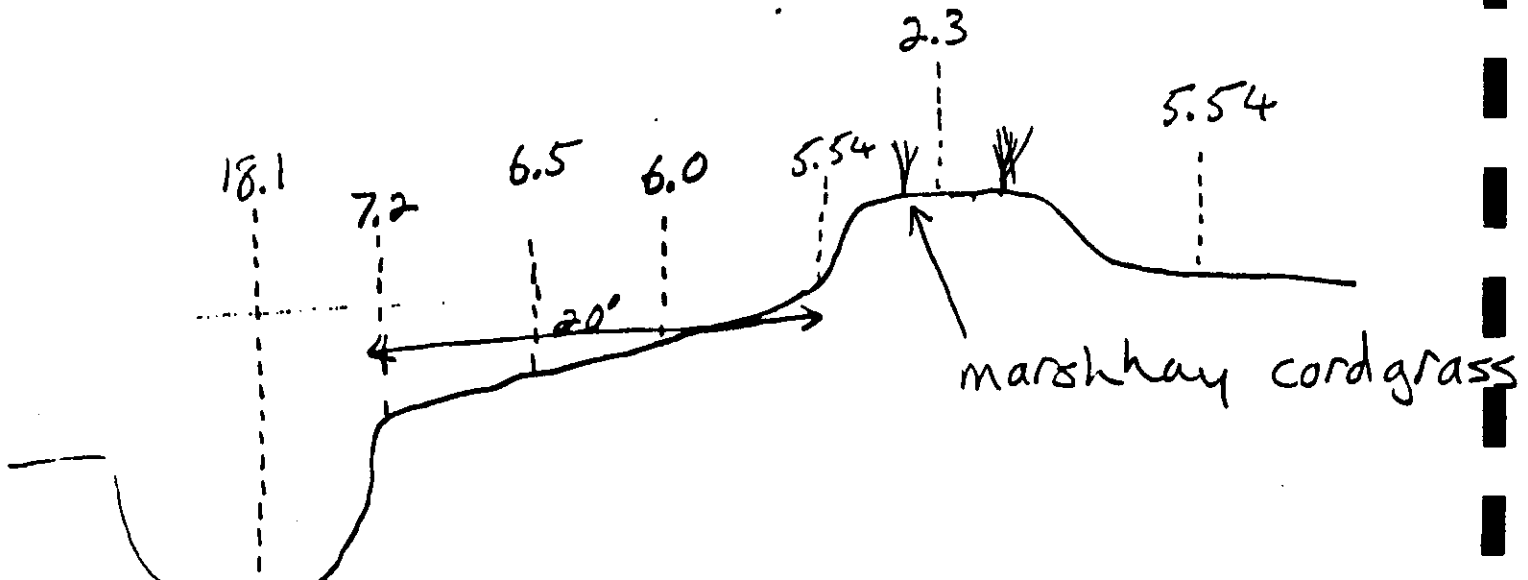
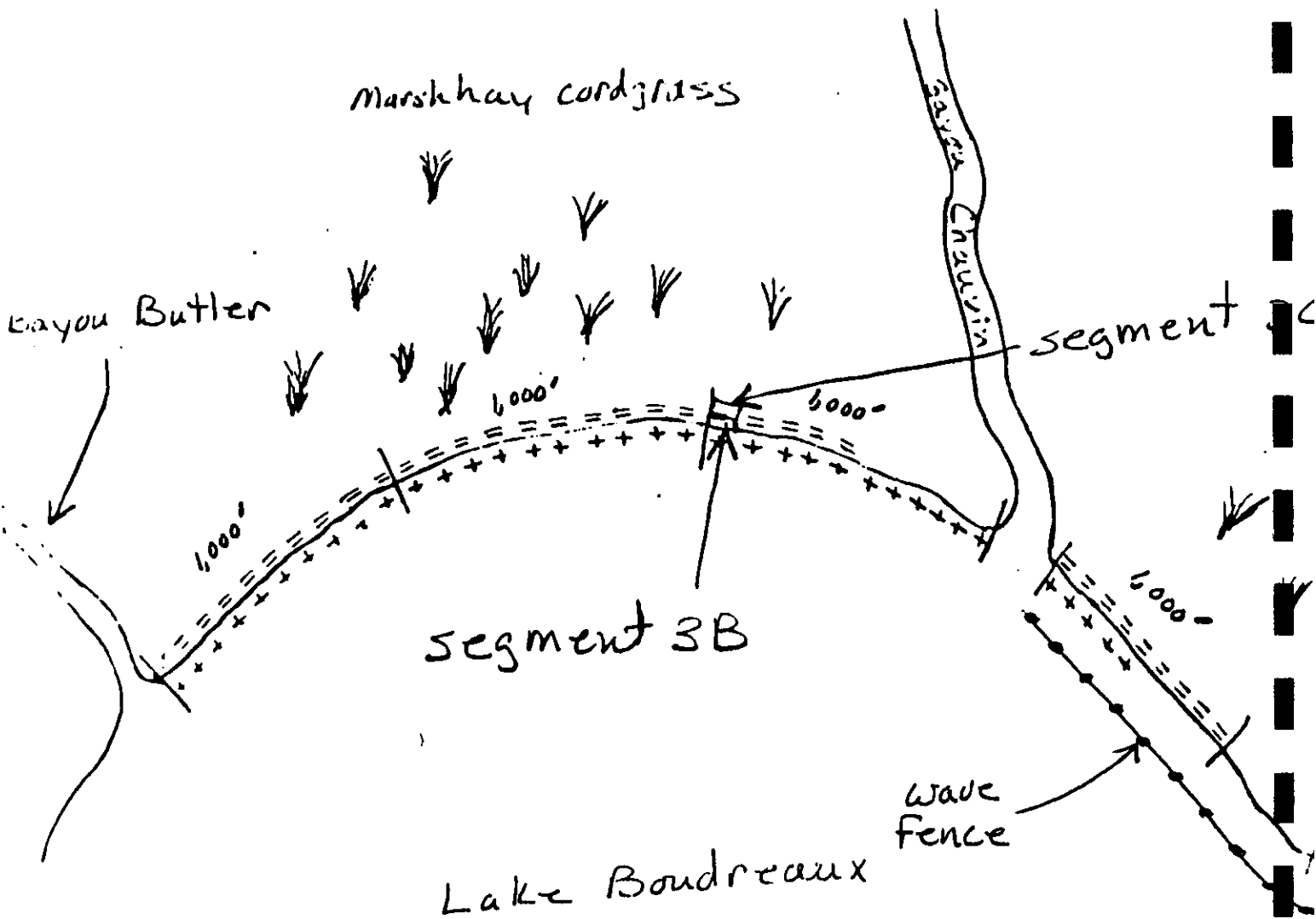
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Laforche-Terrebonne

DATE OF PLANTING: 5/9/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|-------------------------------|---------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: 12.6 |
| (C) Water Depth: 0-6 inches | (F) Slope of Bank: 20:1 |

Comments: Pond bottom elevation is rod reading taken approx. 400 feet out into Lake Boudreaux. Elevation and level units are in rod readings. (sketch on back)

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 feet | (E) Number of Rows: 1 |
| (C) Distance from Bank: 5 feet | |

Comments: Segment 4 is planted in smooth cordgrass (*Spartina alterniflora*).

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

W.S.D. - 4 1"x4" boards spaced 5" apart, bolted onto landscape timber posts.

IV. SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.

V. SALINITY: 0-2 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
(B) () light, (*) medium, () heavy

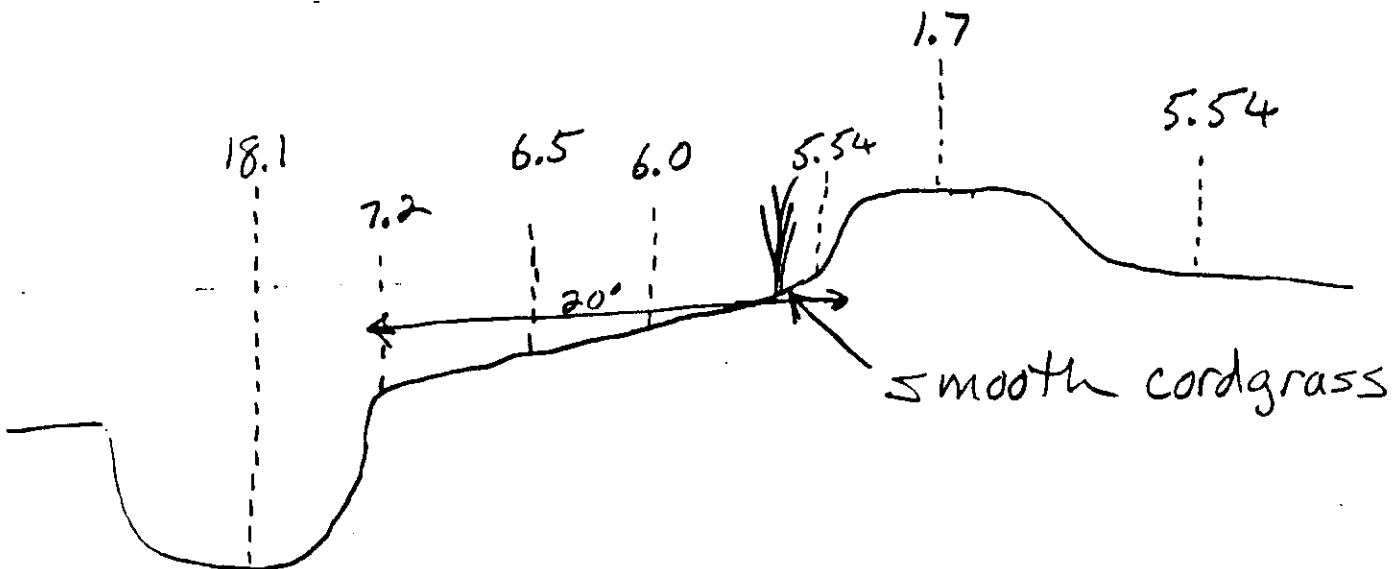
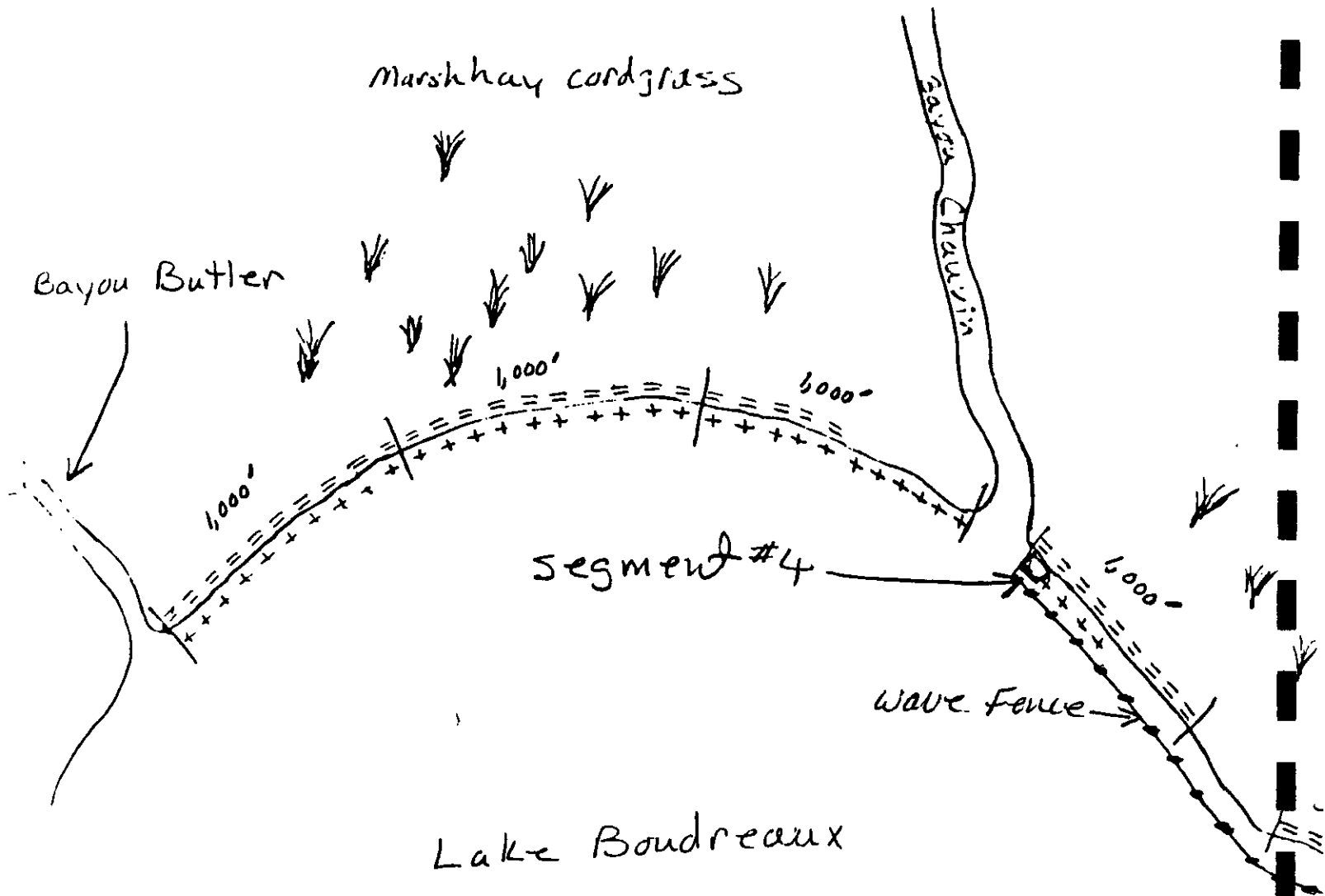
Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/4/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 5A

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 Mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 40:1 (Flat) |

Comments: Plants are planted on top of levee 5 feet inland from waters edge.
(Sketch on back) Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 Feet |
| (B) Spacing in Rows: 6 inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 5 feet inland | |

Comments: Segment 5A is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
W.S.D. - 4 1"x4" boards spaced 5" apart, bolted onto landscape timber posts.

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

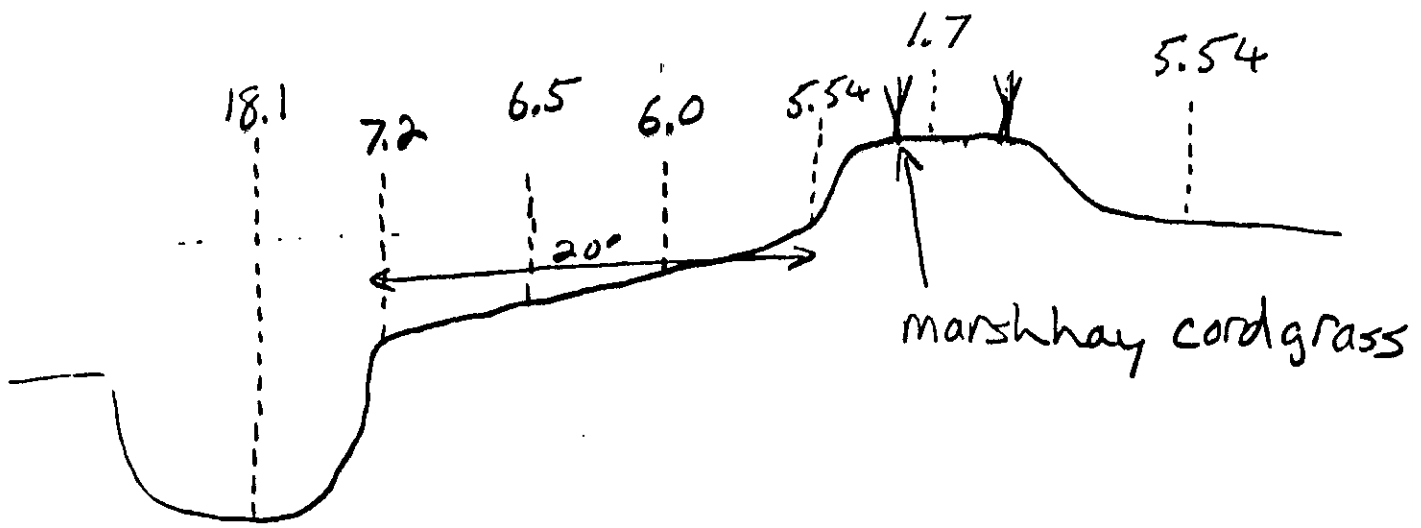
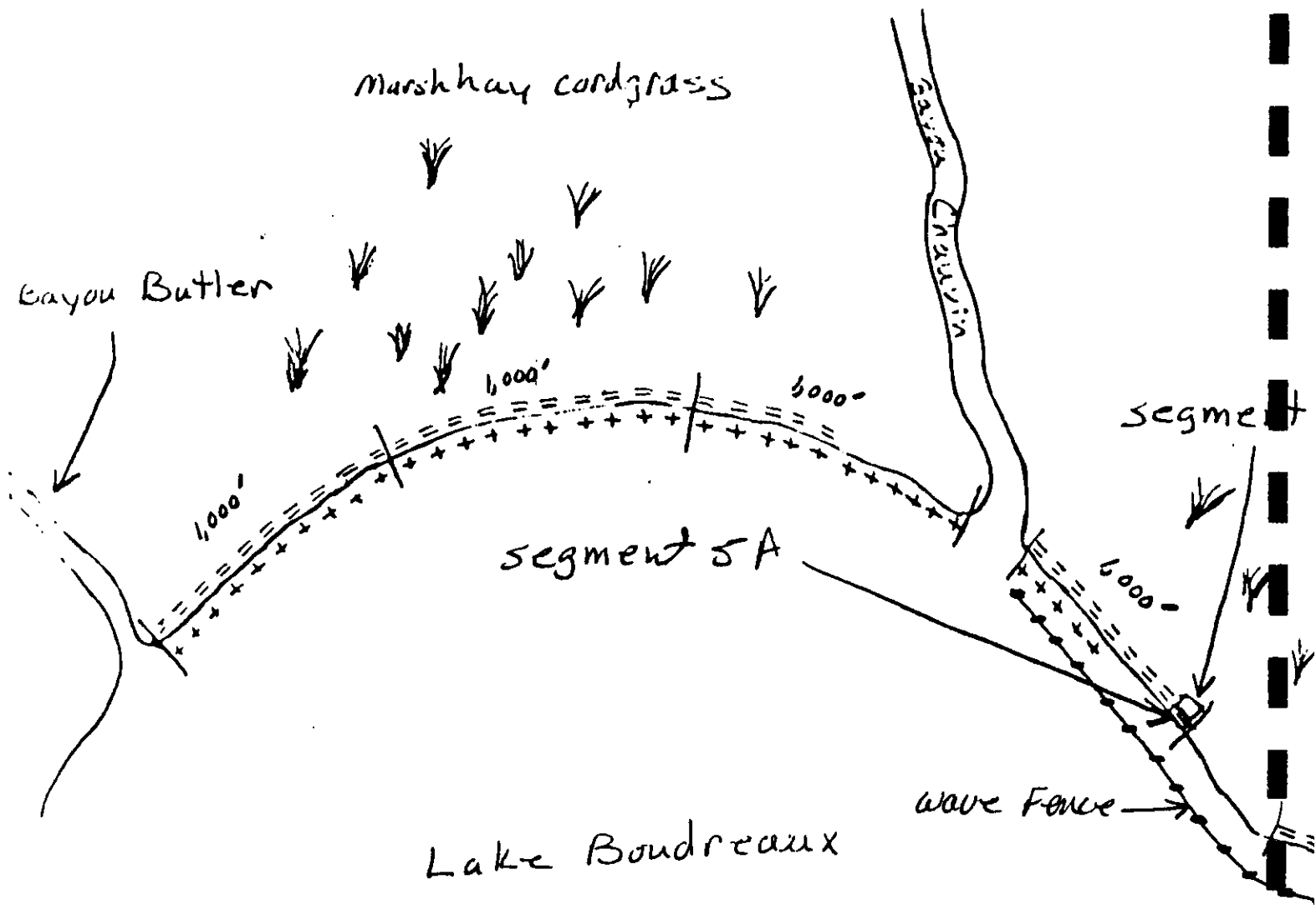
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/4/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breau
Jewel Boudwin

SEGMENT NO: 5B

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 40:1 (Flat) |

Comments: Plants are planted on top of levee, 8 feet inland from waters edge.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|----------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 3 Feet |
| (B) Spacing in Rows: 6 inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 8 ft. inland | |

Comments: Segment 5B is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

W.S.D. - 4 1"x4" boards spaced 5" apart, bolted onto landscape timber posts.

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

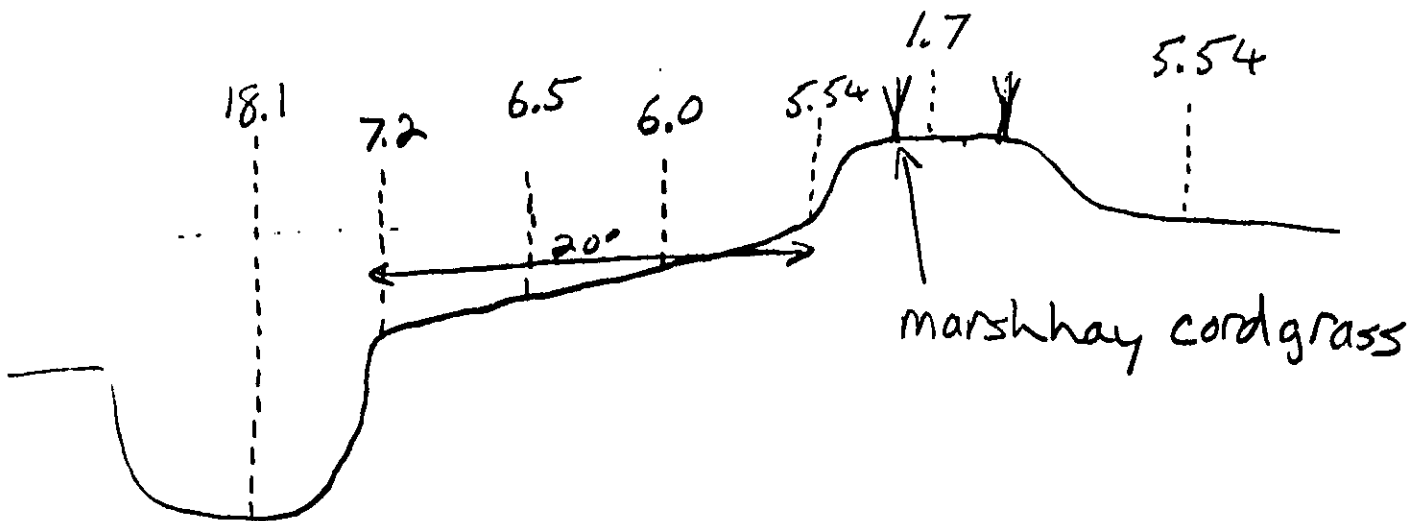
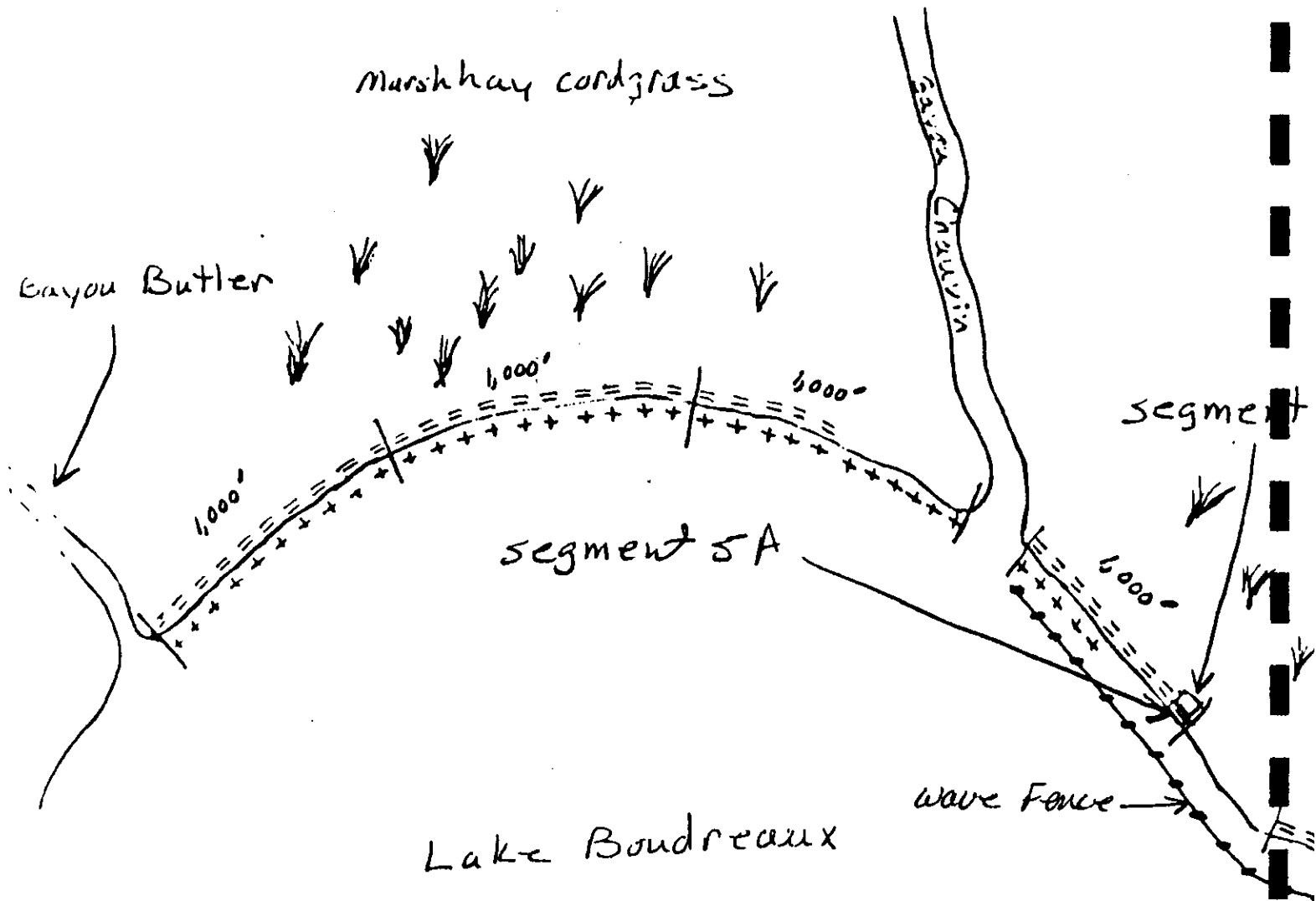
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/9/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breau
Jewel Boudwin

SEGMENT NO: 6A

I. BANK CONFIGURATION:

(A) Distance of Fetch: 1 Mile	(D) Marsh Level: 5.54
(B) Direction of Fetch: South	(E) Pond Bottom Elevation: NA
(C) Water Depth: 0 (On bank)	(F) Slope of Bank: 40:1 (Flat)

Comments: Plants are planted on top of levee, 5 feet inland from waters edge.

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W	(D) Spacing Between Rows: 3 Feet
(B) Spacing in Rows: 6 Inches	(E) Number of Rows: 2
(C) Distance from Bank: 5 ft. inland	

Comments: Segment 6A is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

W.S.D. - 4 1"X4" boards spaced 5" apart, bolted onto landscape timber posts.

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

(A) (x) wind and/or (x) boat
(B) () light, (x) medium, () heavy

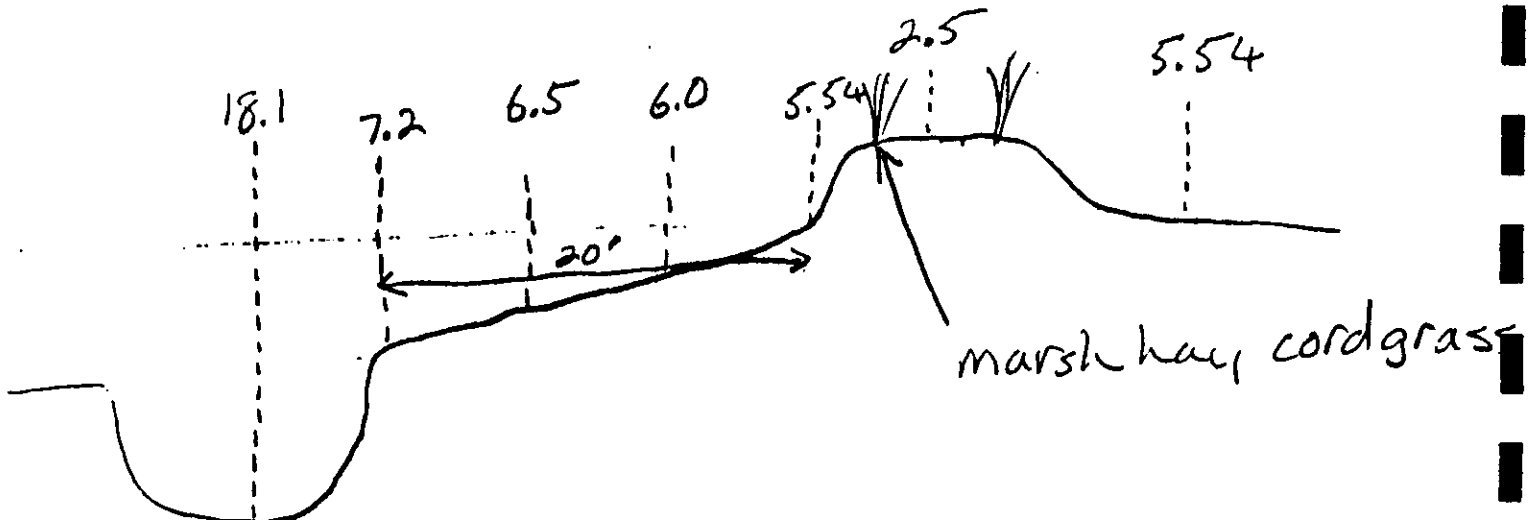
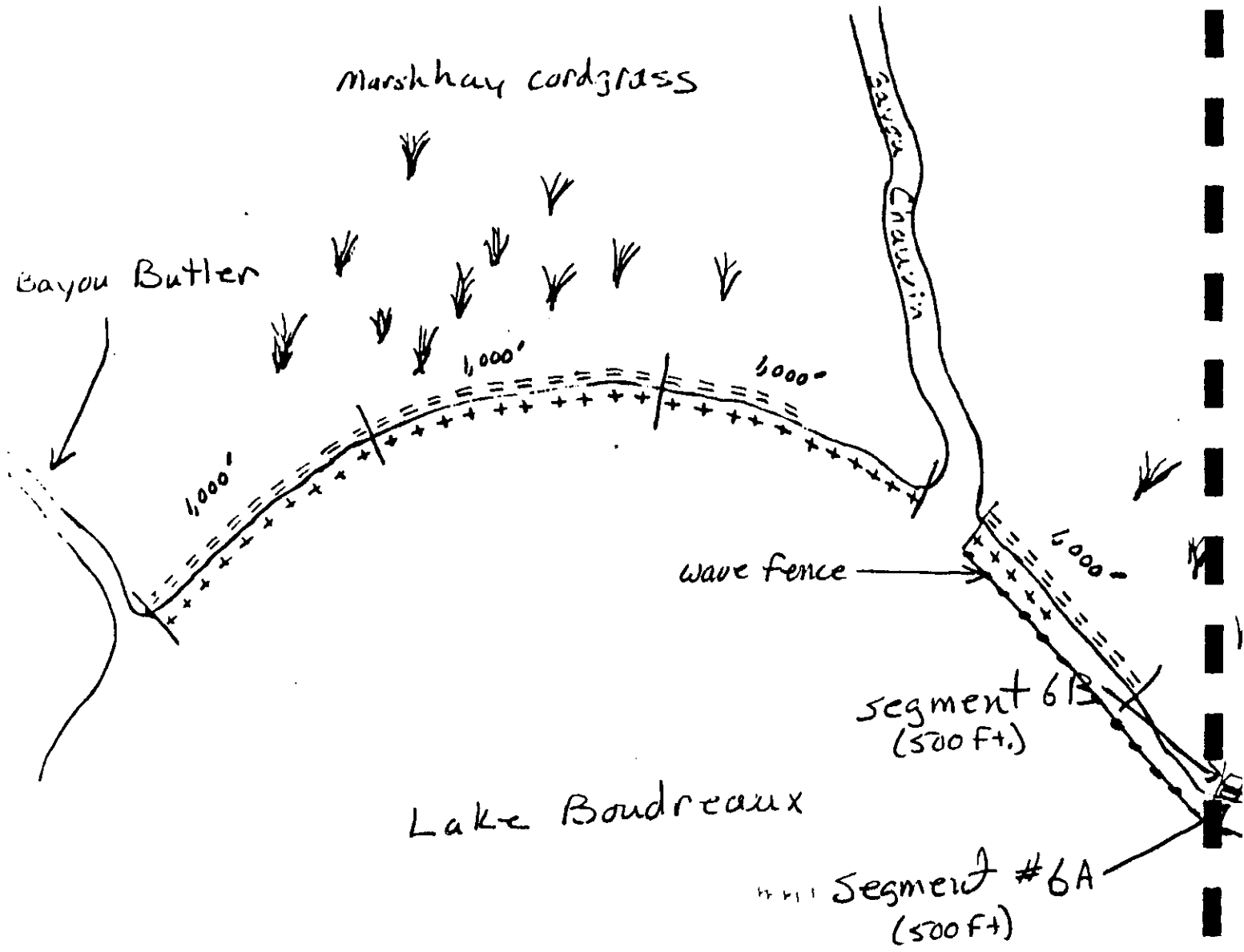
Comments:

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DISTRICT: Lafourche-Terrebonne

DATE OF PLANTING: 5/9/94

PARISH: Terrebonne

DATE OF MONITORING: 5/2/94

MONITORS: Joey Breaux
Jewel Boudwin

SEGMENT NO: 6B

I. BANK CONFIGURATION:

- | | |
|-------------------------------|--------------------------------|
| (A) Distance of Fetch: 1 Mile | (D) Marsh Level: 5.54 |
| (B) Direction of Fetch: South | (E) Pond Bottom Elevation: NA |
| (C) Water Depth: 0 (On bank) | (F) Slope of Bank: 40:1 (Flat) |

Comments: Plants are planted on top of levee, 8 feet inland from waters edge.

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|--------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: 5.54 |
| (B) Spacing in Rows: 6 Inches | (E) Number of Rows: 2 |
| (C) Distance from Bank: 8 ft. inland | |

Comments: Segment 6B is planted in marshhay cordgrass.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

W.S.D. - 4 1"X4" boards spaced 5" apart, boted onto landscape timber posts.

IV. SOILS (Type & Texture): Fresh water marsh; deep peat; peaty muck.
(Spoil levee)

V. SALINITY: Oppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

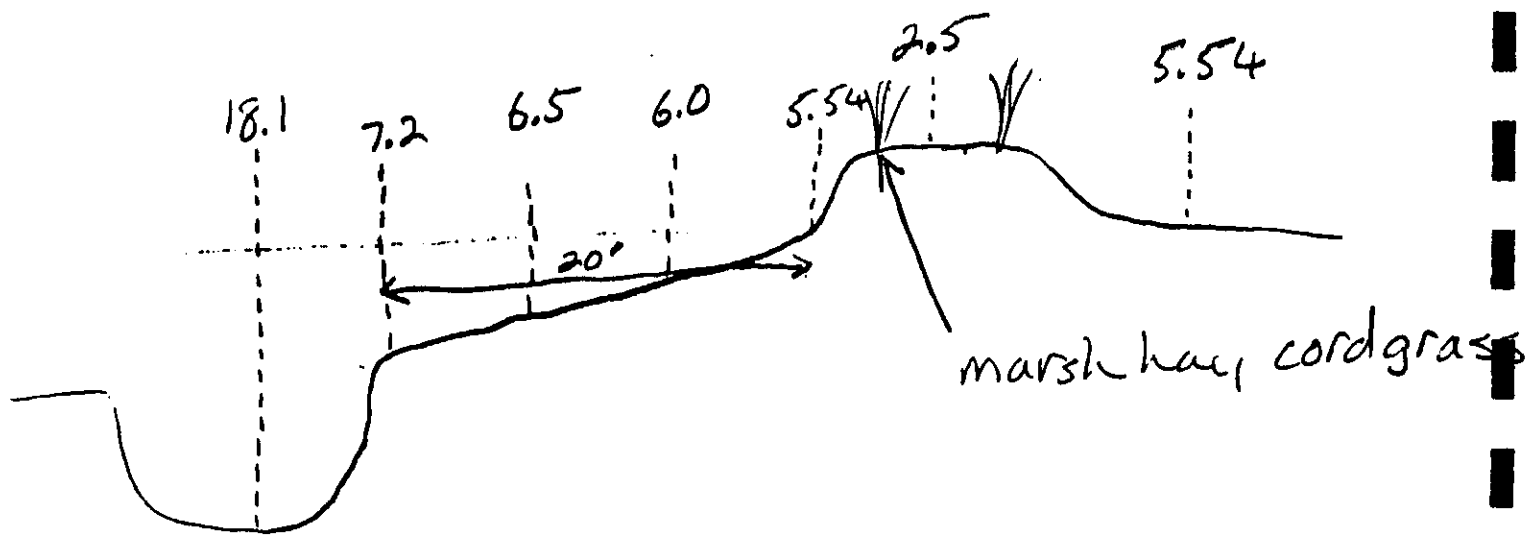
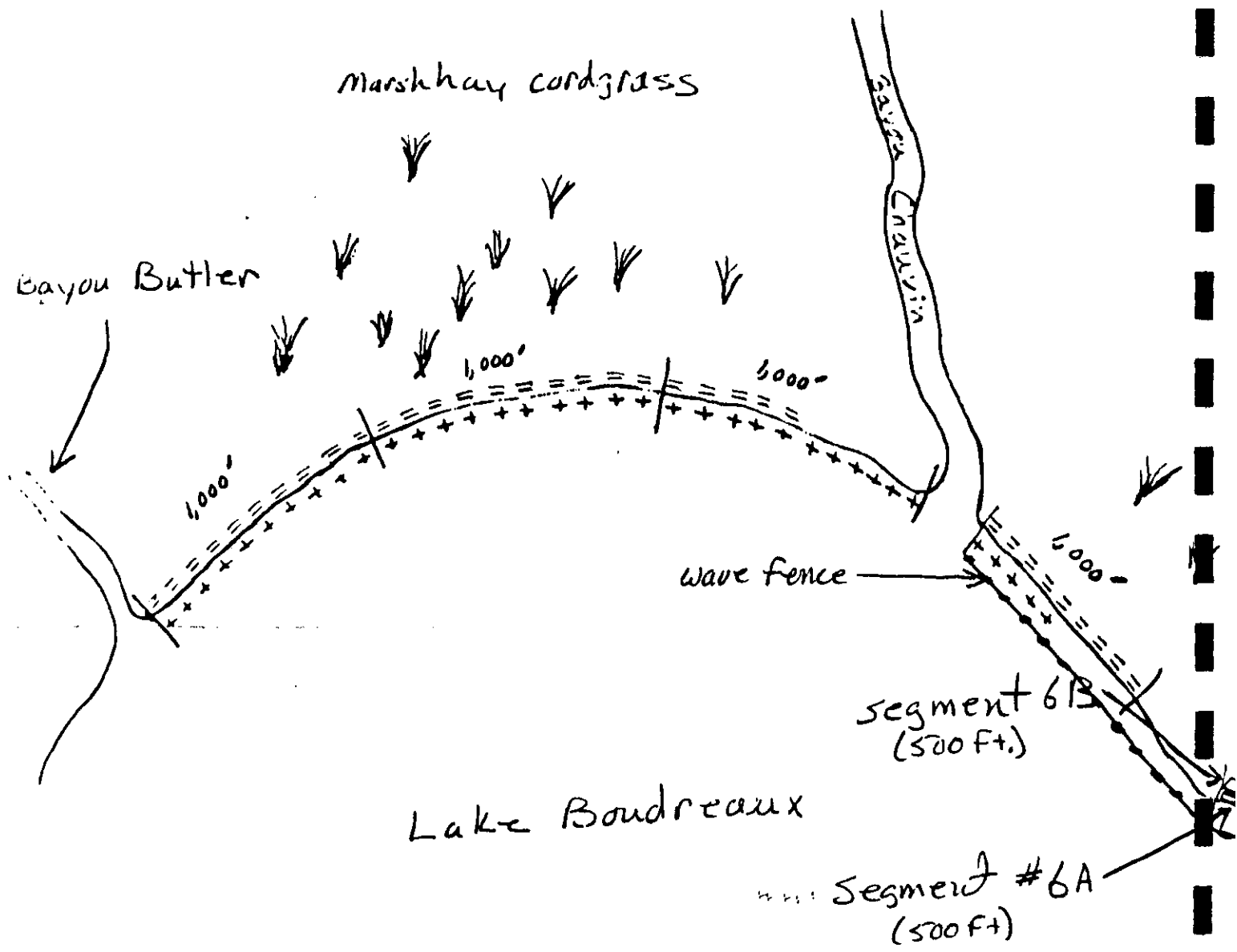
Comments:

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments:

- + smooth cordgrass
- marshhay cordgrass



**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 1A

DISTRICT LaFourch-Terrebonne SWCD

DATE OF PLANTING 5/5/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Jogy Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Smooth cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

700

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

0

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

wave action
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

No surviving smooth cordgrass plants. Only metal anchor rods visible. Wave action was evidently an important factor, in the failure of smooth cordgrass (in addition to herbivore damage).

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 1B

DISTRICT Lafourche-Terrebonne

DATE OF PLANTING 5/2/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY J. Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina patens

Marshhay cordgrass

A. How many plants were originally planted in this task?

8,000

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

30

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

20

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/13 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
_____*_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Dead, wilted plants with leaves curled inward appear to have died from drought. Plants with herbivore damage were eaten down to about 2 inches and new shoots have sprouted only in the past week or so.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 16

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/2/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina patens

A. How many plants where originally planted in this task?

8,000

B. How many plants where originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

31

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

10

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/10-1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought

*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Most new shoots appear no older than a week.

MONITORING WORKSHEET SEGMENT SPECIFIC INFORMATION 1994-95

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 2A

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/6/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breau/M. Tullios

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Smooth cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

700

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

0

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

-

B. Good

-

C. Fair

-

D. Poor

-

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Wave damage

*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 2B

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/2/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina patens

A. How many plants where originally planted in this task?

8,000

B. How many plants where originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

12

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

2

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/1 0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 2C

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/2/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux / M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina patens

8,000

A. How many plants were originally planted in this task?

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

23

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/6 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 3A

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/3/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux / M. Tullios

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Smooth cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

700

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

0

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water debris & wave action

*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 3B

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/3/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass
Spartina alterniflora

A. How many plants were originally planted in this task?

8,000

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

31

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

8

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

2/6 .3 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 3C

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/3/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/ M. Tullios

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina patens

A. How many plants were originally planted in this task?

8,000

B. How many plants were originally planted in this sample segment?

2000

C. How many plants are living in this sample segment?

23

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

27

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/11 1 inch

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 4

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/9/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Smooth cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

700

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

0

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Wave action

*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 5A

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/4/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux / M. Tullios

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina patens

8,000

A. How many plants were originally planted in this task?

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

28

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/4 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 5B

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/4/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass
Spartina patens

A. How many plants where originally planted in this task?

8,000

B. How many plants where originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

13

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14/6 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought

_____*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET SEGMENT SPECIFIC INFORMATION 1994-95

TASK # 13 (Lake Roudreaux Levee)

SEGMENT # 6A

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/9/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass
Spartina patens

A. How many plants were originally planted in this task?

8,000

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

8

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

4

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0/2 0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 13 (Lake Boudreaux Levee)

SEGMENT # 6B

DISTRICT LaFouche-Terrebonne SWCD

DATE OF PLANTING 5/9/94

PARISH Terrebonne

MONITORING DATE 7/1/94

INFORMATION PREPARED BY Joey Breaux/M. Tullos

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Marshhay cordgrass

Spartina alterniflora

A. How many plants were originally planted in this task?

8,000

B. How many plants were originally planted in this sample segment?

200

C. How many plants are living in this sample segment?

4

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

*

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

20

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/6 2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

*

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

*

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

*

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Drought
*

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

PLAQUEMINES DISTRICT

Task 14: West Point a la Hache
Task 15 LaRuessite

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 14

DISTRICT: Plaquemines SWCD

PROJECT: West Point a La Hache

PROJECT LOCATION: In Plaquemines Parish, about 3 miles
Southwest of West Point a La Hache,
Louisiana

PROJECT OBJECTIVES: To reduce the effects of wave energy
on several deteriorating spoil banks
in a brackish marsh, to trap sediment
in the same area, and to establish
freshwater vegetation in the immediate
outfall area of the West Point a La
Hache, freshwater siphon.

PROJECT FEATURES: Planting 400 gallon containers of smooth
cordgrass (*Spartina alterniflora*) in a
single row along spoil banks, on 5'
spacing. Planting 120 gallon containers
of California bulrush (*Scirpus
californicus*) in immediate outfall of
the siphon on 5' spacing, and 320' of
sediment fence to be constructed along
spoil banks in vicinity of the siphon.
Fences are 2'X8" frames, anchored with
8 foot 2X4's and covered with plastic
mesh, set perpendicular to the bank.
Total proposed project cost is \$5,776.

SWCD: PLAQUEMINE DISTRICTPROJECT NAME: WEST POINT A LA HACHESITE EVALUATOR: C. MIDKIFF, J. BOATMANDATE: 6-4-9

<u>ELEMENT RATING</u>	<u>2 POINTS (POOR)</u>	<u>1 POINT (FAIR)</u>	<u>0 POINT (GOOD)</u>	<u>POINT</u>
-----------------------	------------------------	-----------------------	-----------------------	--------------

SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>1</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>1</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>1</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

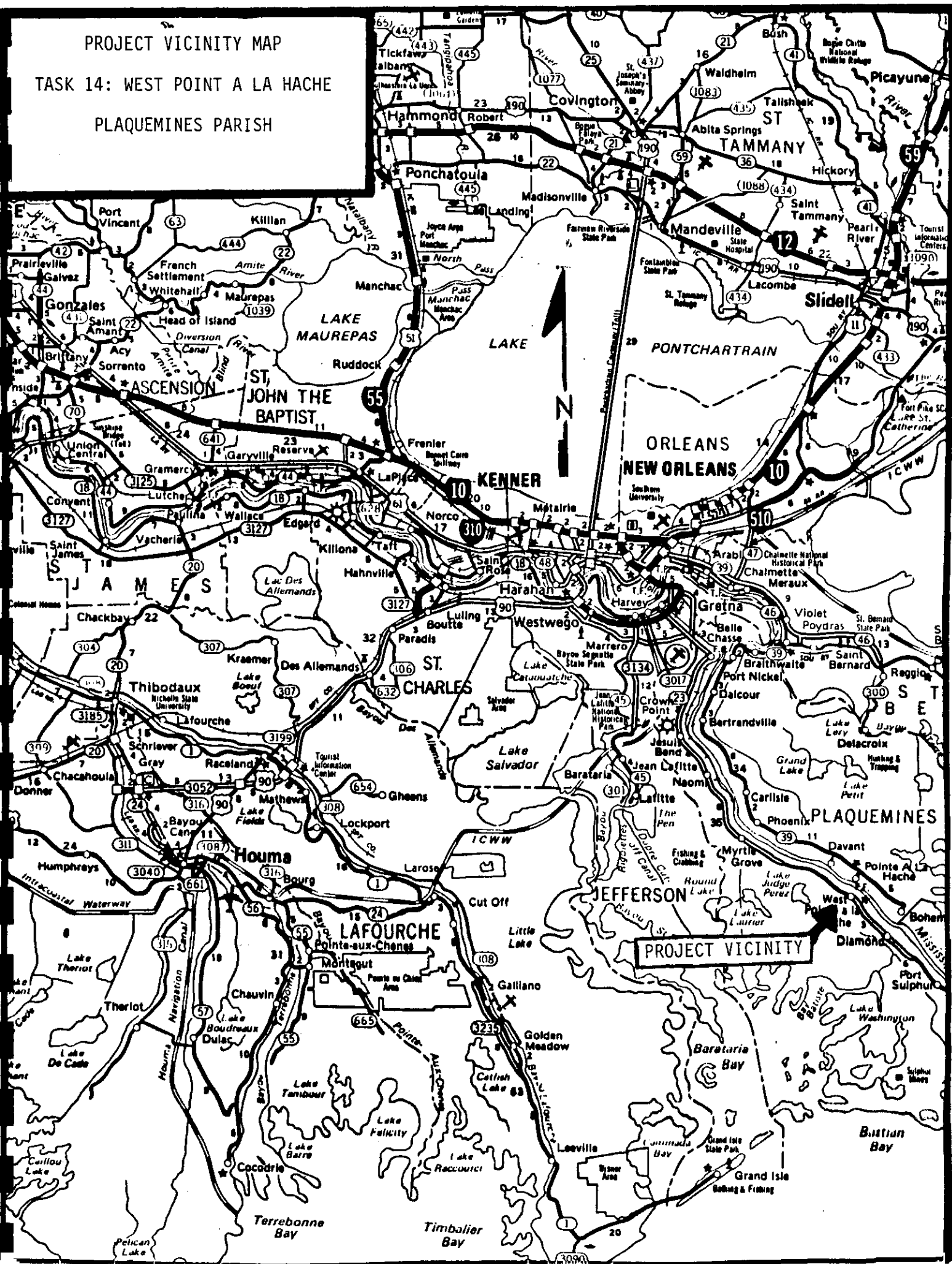
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>1</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

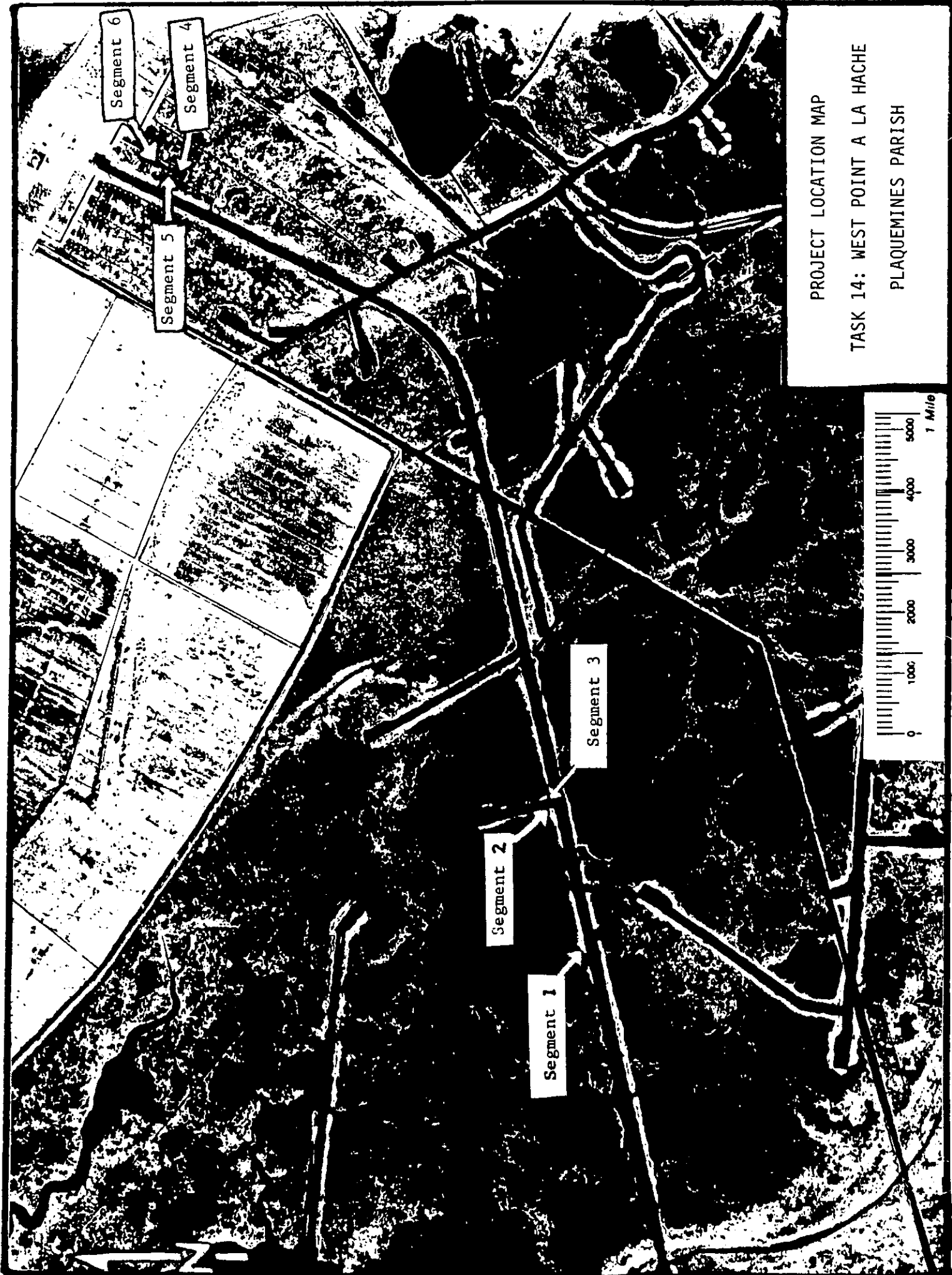
(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 10

0-5 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

TASK 14: WEST POINT A LA HACHE
PLAQUEMINES PARISH





PROJECT LOCATION MAP

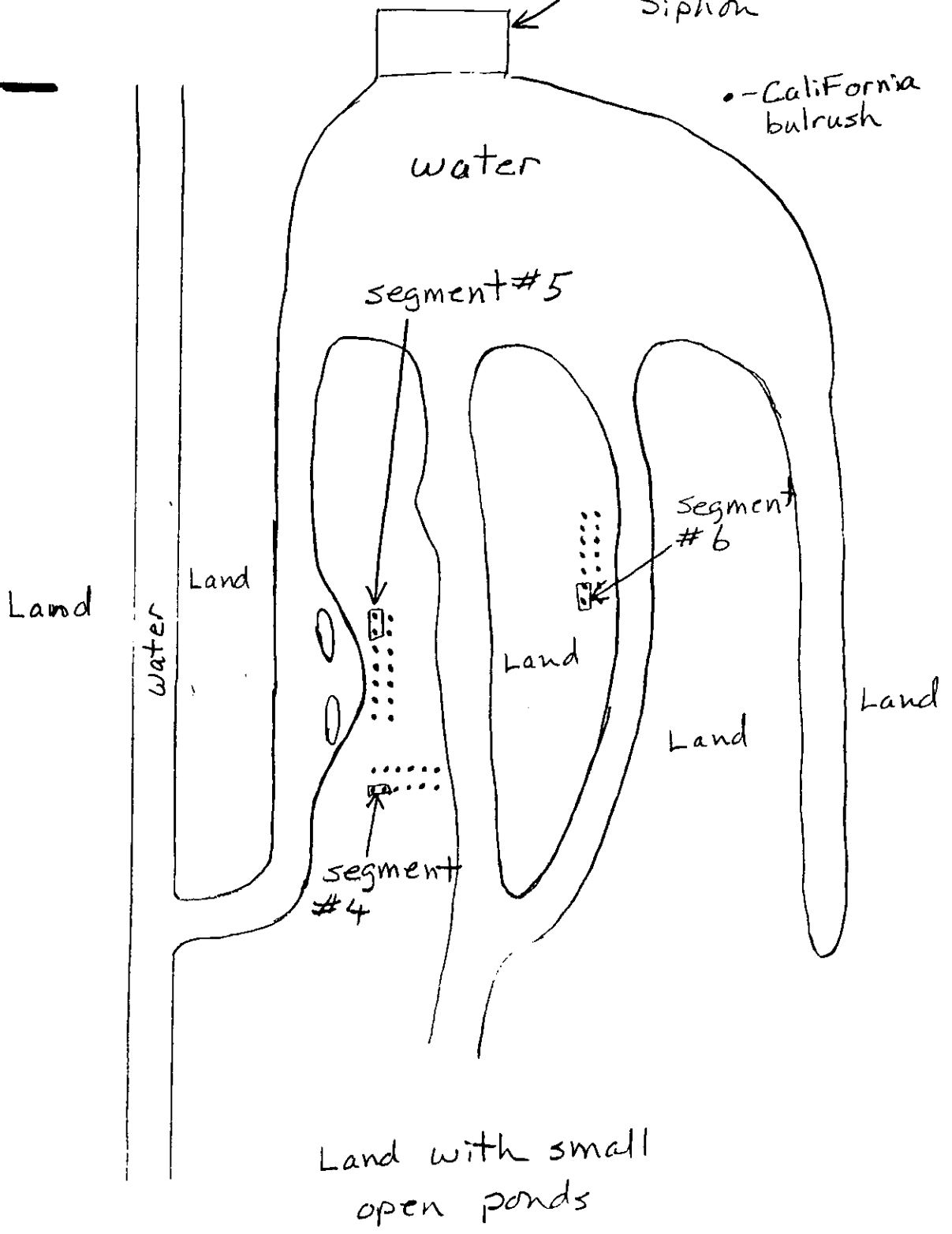
TASK 14: WEST POINT A LA HACHE

PLAQUEMINES PARISH



West Point a la Hache
Siphon

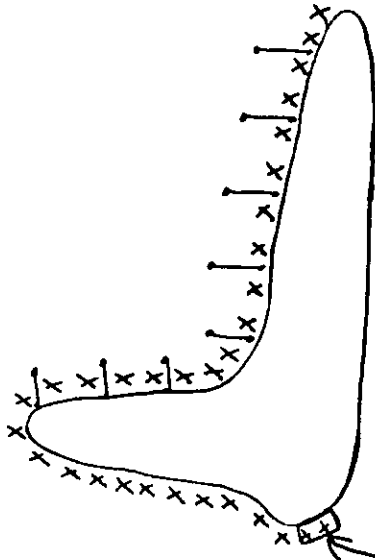
• - California
bulrush



Land with small
open ponds

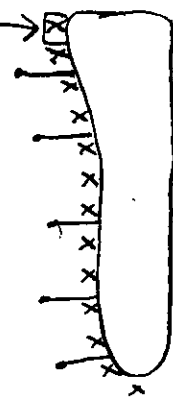
TASK 14
WEST POINT A LA HACHE
CALIFORNIA BULRUSH

x - Smooth cordgrass



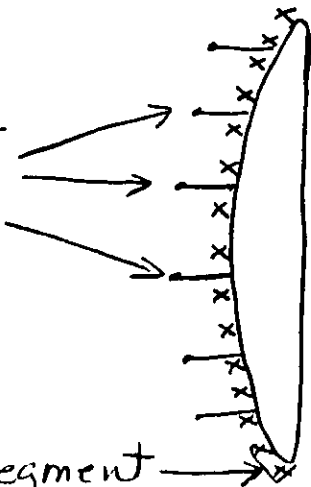
segment
#3

segment
#2



water

sediment
fences



segment
#1



water



West Point a La Hache

Siphon 2 miles

TASK 14
WEST POINT A LA HACHE
SMOOTH CORDGRASS
AND
SEDIMENT FENCES

USDA-SCS
Alexandria, LA

LA-CPA-26
4/84

SOIL NAME: Allemands muck

This unprotected, undrained, organic freshwater marsh soil occupies low elevations. Typically the surface layer is very dark brown, slightly acid, muck about 24 inches thick. The underlying material to a depth of 84 inches is dark gray, moderately alkaline, very fluid clay in the upper part and gray moderately alkaline, very fluid clay in the lower part. Large areas of other soils with different properties may be included with this soil.

The water table is near or above the soil surface most of the year. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the clay layers. With extreme difficulty this soil will support human and livestock traffic where the surface layers are undisturbed. If disturbed the soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, and low strength.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/21/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 1

I. BANK CONFIGURATION:

(A) Distance of Fetch: 2,000 ft.

(D) Marsh Level: 5.0

(B) Direction of Fetch: N

(E) Pond Bottom Elevation: 7.8

(C) Water Depth: 6-12 inches

(F) Slope of Bank: 8:1

Comments: Planting done along spoil levee with influence from West Point a la Hache siphon, which is approx. 1 mile to the east.

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W

(D) Spacing Between Rows: NA

(B) Spacing in Rows: 5 ft.

(E) Number of Rows: 1

(C) Distance from Bank: 12 inches

Comments: Segment 1 is planted in smooth cordgrass.
Single row along levee.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (May rise without siphon influence).

VI. WAVE ACTION:

(A) (*) wind and/or () boat

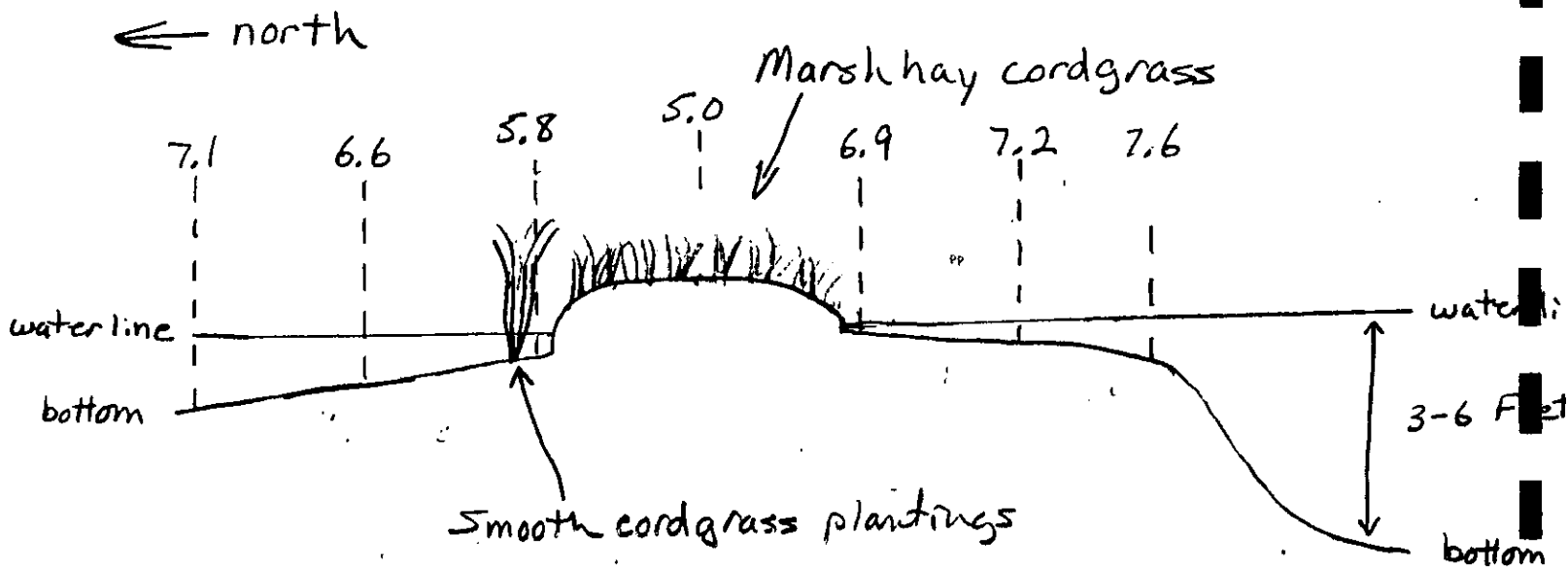
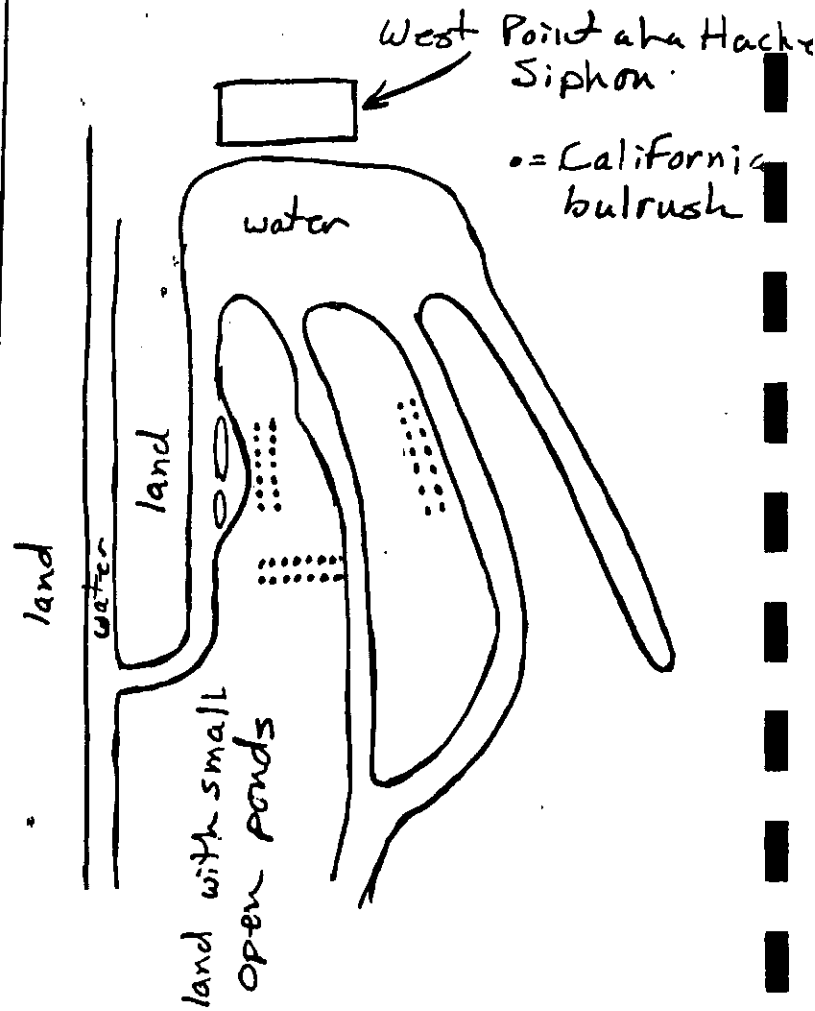
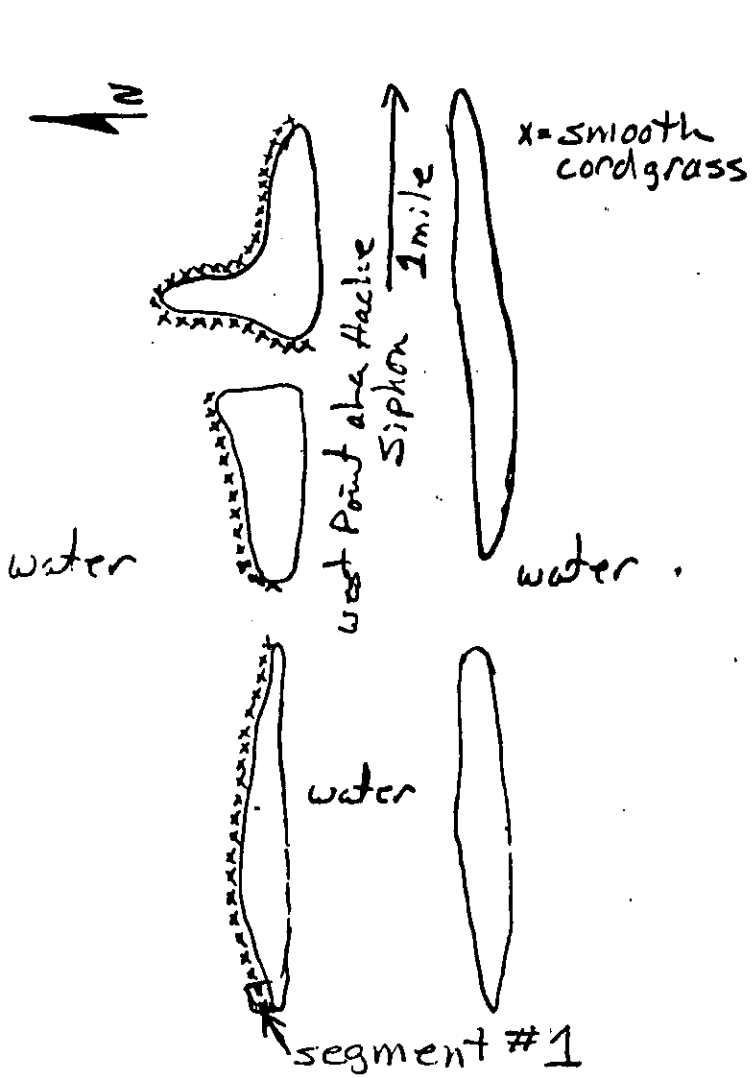
(B) () light, (*) medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, () moderate, (*) poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/27/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breau, D. Williamson

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|---------------------------------|--------------------------------|
| (A) Distance of Fetch: 1320 ft. | (D) Marsh Level: 4.9 |
| (B) Direction of Fetch: N | (E) Pond Bottom Elevation: 7.8 |
| (C) Water Depth: 6-12 inches | (F) Slope of Bank: 9:1 |

Comments: Planting done along spoil levee with influence from West Point a la Hache siphon, which is approx. 1 mile to the east.

II. PLANTING ALIGNMENT:

- | | |
|-----------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 12 inches | |

Comments: Segment 2 is planted in smooth cordgrass. Single row along levee.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (May rise without siphon influence).

VI. WAVE ACTION:

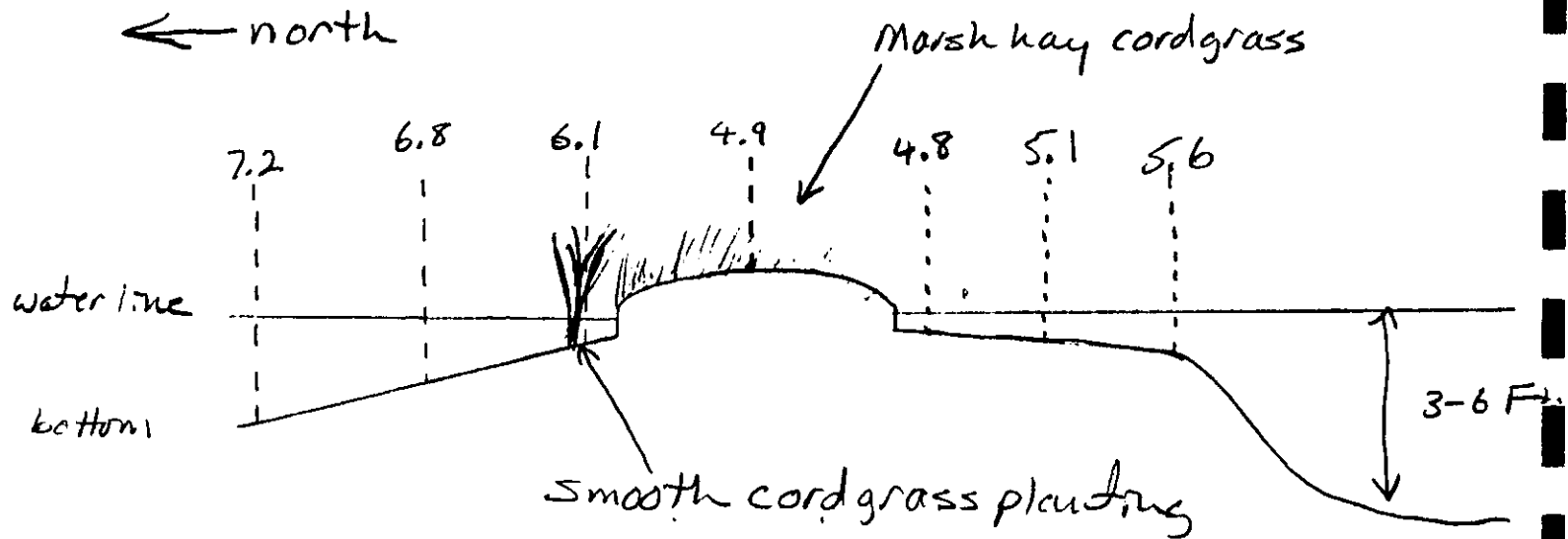
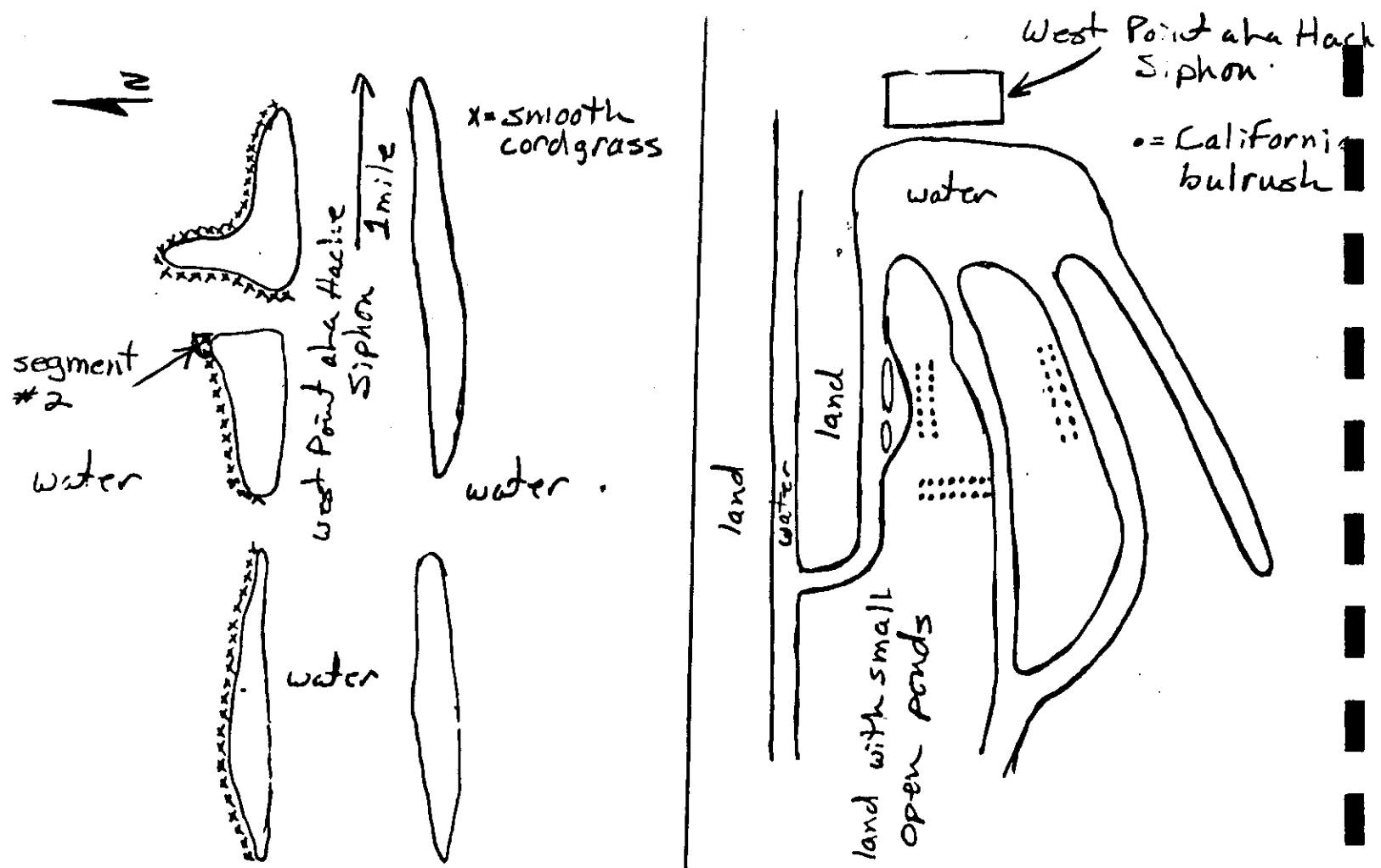
- | |
|--------------------------------------|
| (A) (*) wind and/or () boat |
| (B) () light, (*) medium, () heavy |

Comments:

VII. TRAFFICABILITY:

() good, () moderate, (*) poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/27/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 3

I. BANK CONFIGURATION:

- | | |
|----------------------------------|--------------------------------|
| (A) Distance of Fetch: 1,320 ft. | (D) Marsh Level: 4.9 |
| (B) Direction of Fetch: N | (E) Pond Bottom Elevation: 7.8 |
| (C) Water Depth: 6-12 inches | (F) Slope of Bank: 7:1 |

Comments: Planting done along spoil bank with influence from West Point a la Hache siphon, which is approx. 1 mile to the east.

II. PLANTING ALIGNMENT:

- | | |
|-----------------------------------|------------------------------|
| (A) Direction of Rows: E-W | (D) Spacing Between Rows: NA |
| (B) Spacing in Rows: 5 ft. | (E) Number of Rows: 1 |
| (C) Distance from Bank: 12 inches | |

Comments: Segment 3 is planted in smooth cordgrass. Single row along levee.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (may rise without siphon influence).

VI. WAVE ACTION:

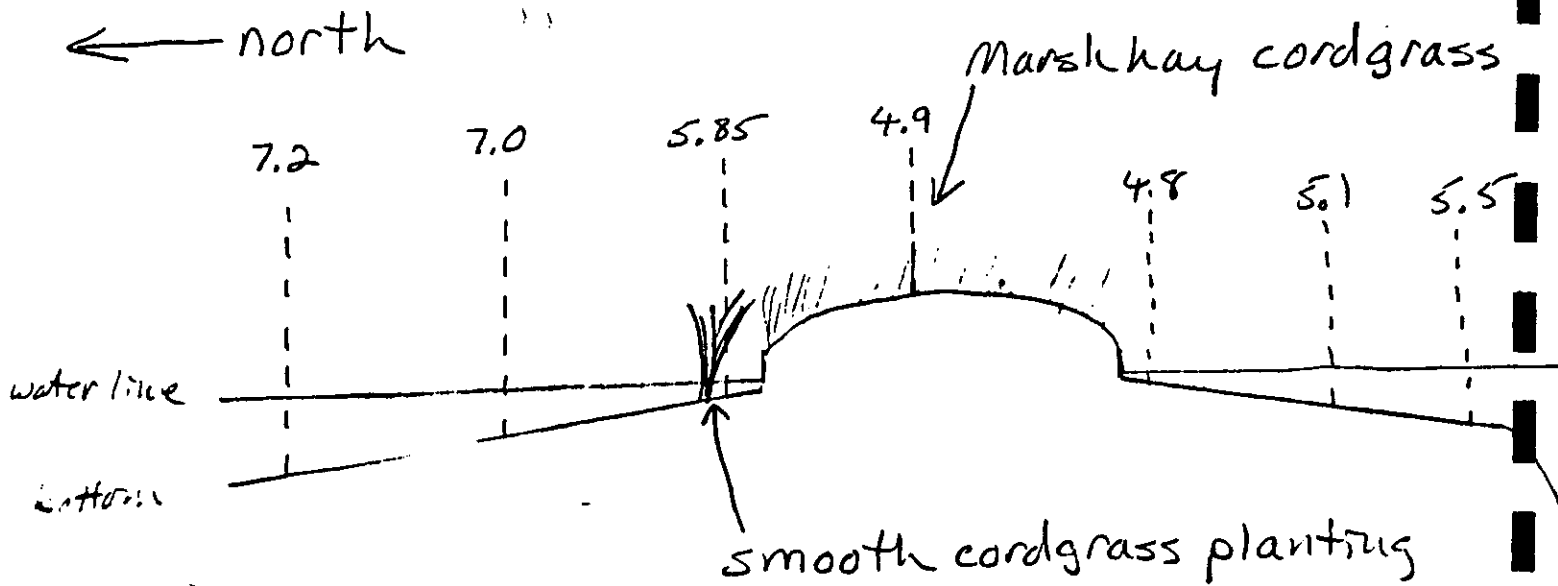
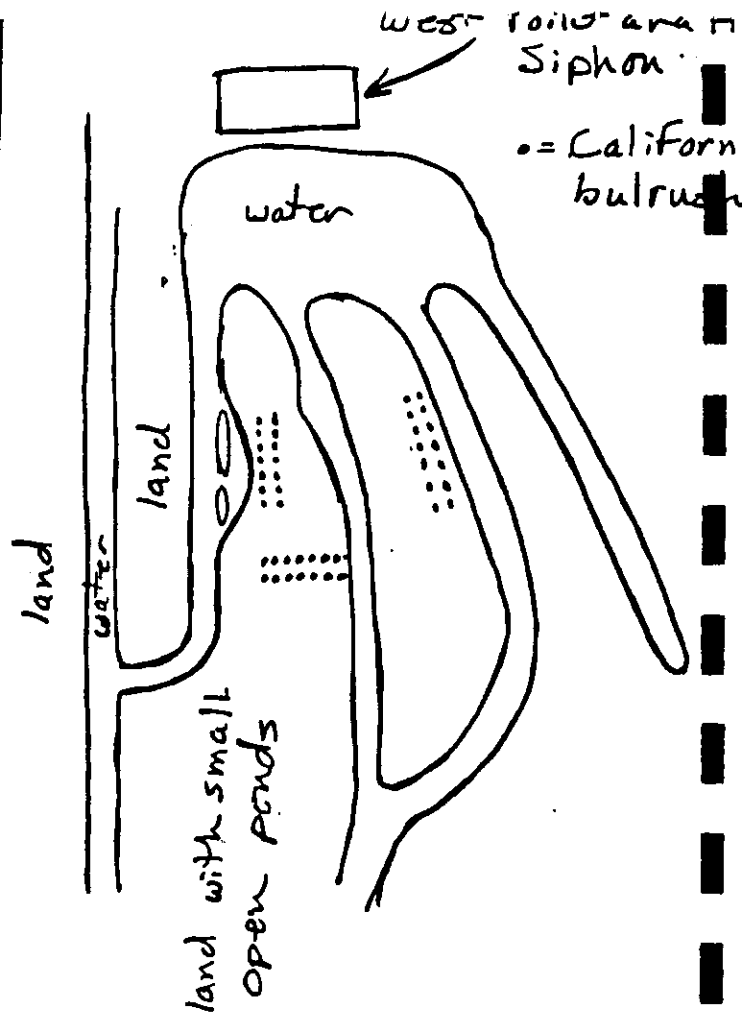
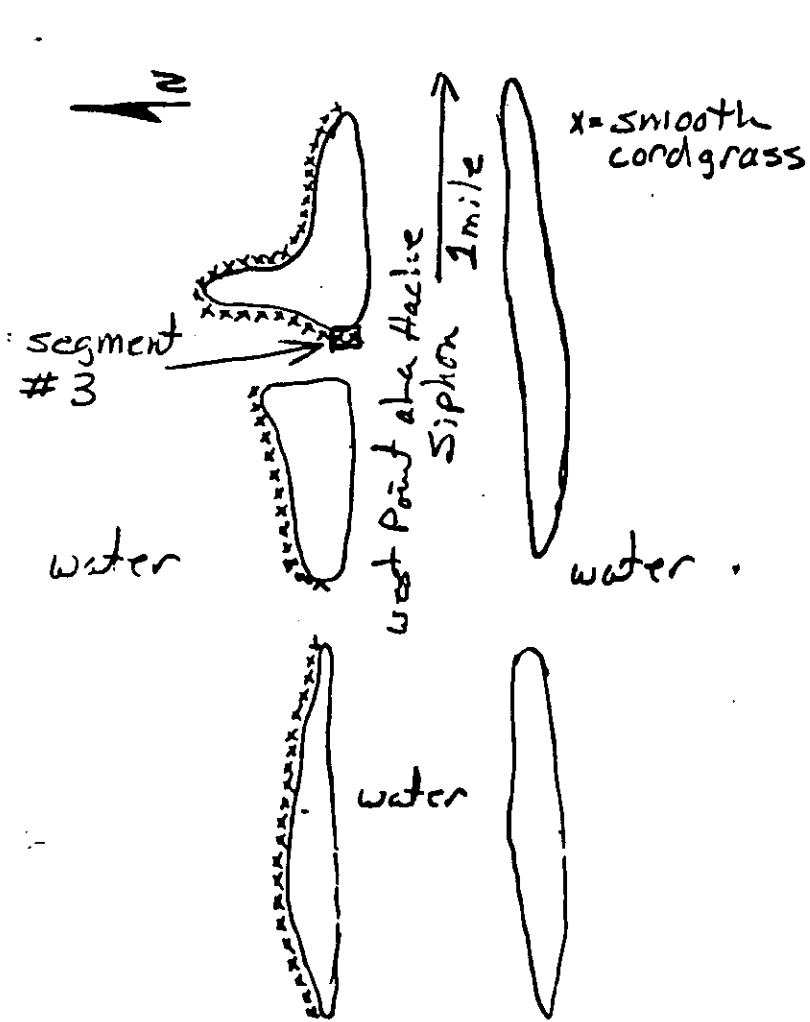
- (A) (*) wind and/or () boat
(B) () light, (*) medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, () moderate, (*) poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/28/94

PARISH: Plaquemines

DATE OF MONITORING: 6/28/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 4

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 0
- (B) Direction of Fetch: NA
- (C) Water Depth: 0-12 inches

- (D) Marsh Level: 5.4
- (E) Pond Bottom Elevation: NA
- (F) Slope of Bank: 1:0

Comments: Planting done on exposed mudflat within 1,000 feet of West Point a la Hache siphon. Subject to varying water levels, but away from direct siphon outfall. (sketch on back)

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: N-S
- (B) Spacing in Rows: 5 ft.
- (C) Distance from Bank: on mudflat

- (D) Spacing Between Rows: 8 ft.
- (E) Number of Rows: 2

Comments: Segment 4 is planted in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (may rise without siphon influence).

VI. WAVE ACTION:

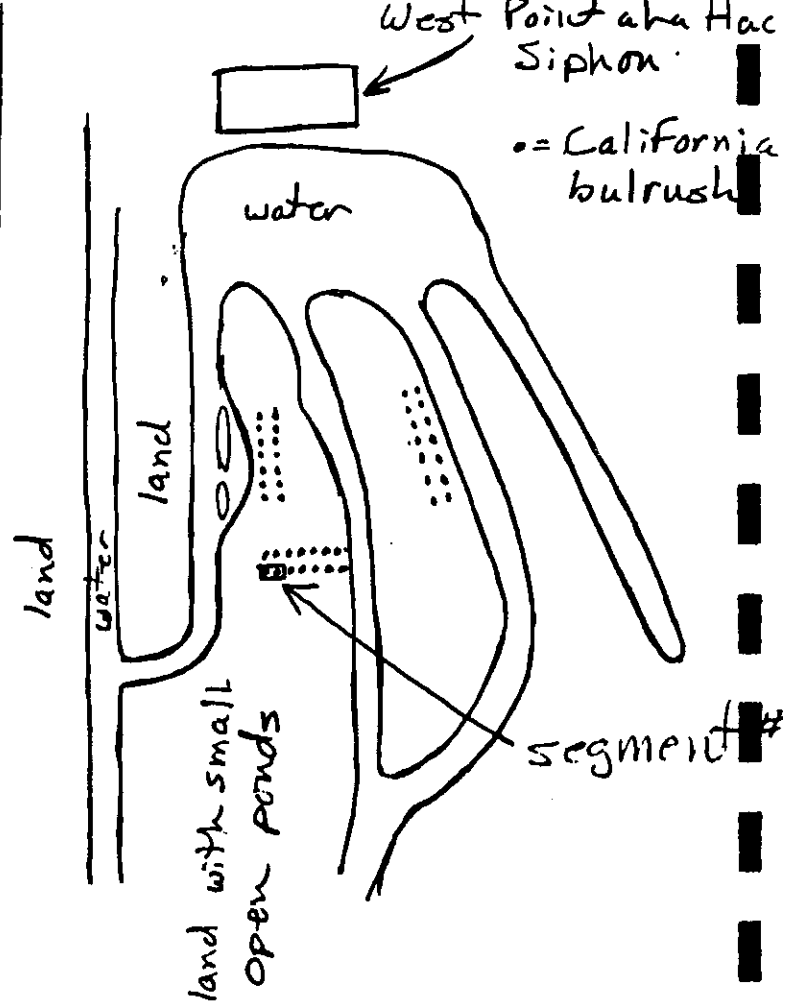
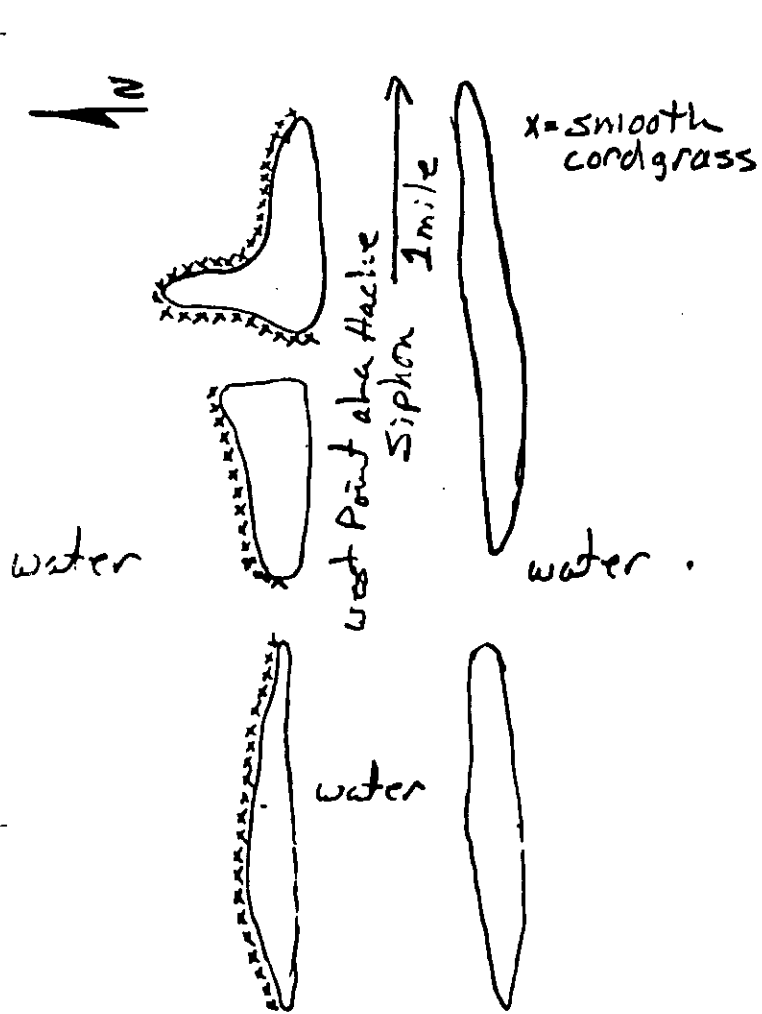
- (A) () wind and/or () boat
- (B) () light, () medium, () heavy

Comments: With siphon operating at full capacity, plants will be exposed to a slow to medium current.

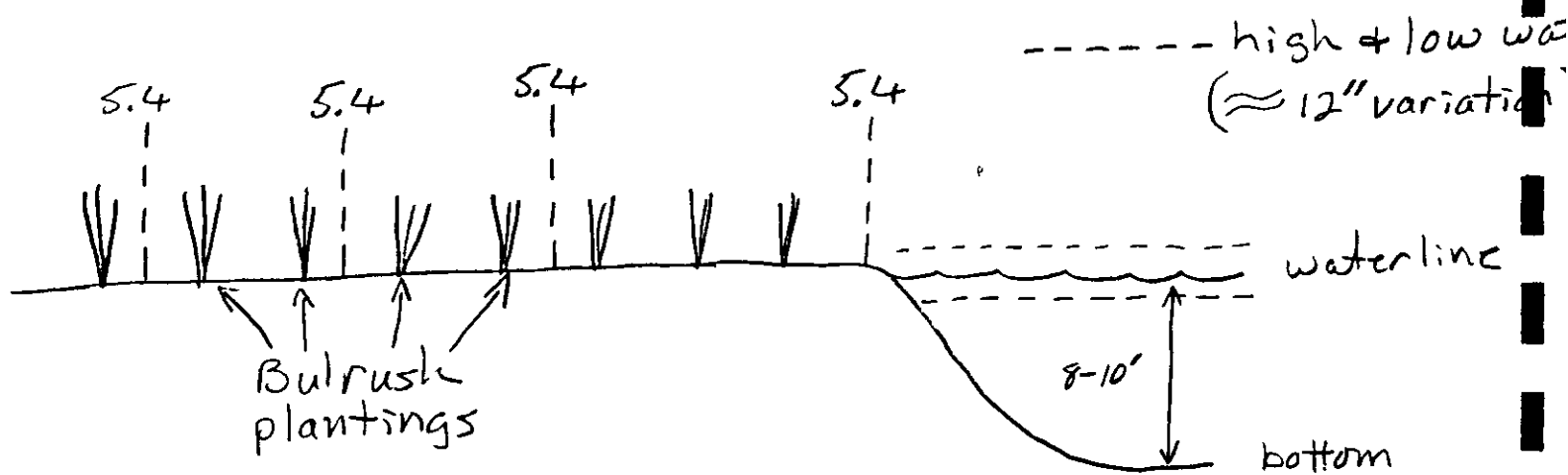
VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:



← north side view



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/28/94

PARISH: Plaquemines

DATE OF MONITORING: 6/28/94

MONITORS: J. Breau, D. Williamson

SEGMENT NO: 5

I. BANK CONFIGURATION:

- (A) Distance of Fetch: E-W
(B) Direction of Fetch: NA
(C) Water Depth: 0-12 inches

- (D) Marsh Level: 5.4
(E) Pond Bottom Elevation: NA
(F) Slope of Bank: 1:0

Comments: Planting done on each side of a 10-12 ft. wide levee built through a shallow mudflat within 1,000 ft. of West Point a la Hache siphon. Plants subject to varying water levels, but away from direct outfall.

(sketch on back)

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: E-W
(B) Spacing in Rows: 5 ft.
(C) Distance from Bank: 6 in. to 1 ft. on each side of levee.

- (D) Spacing Between Rows: 10 ft.
(E) Number of Rows: 2

Comments: Segment 5 is planted in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (may rise without siphon influence.

VI. WAVE ACTION:

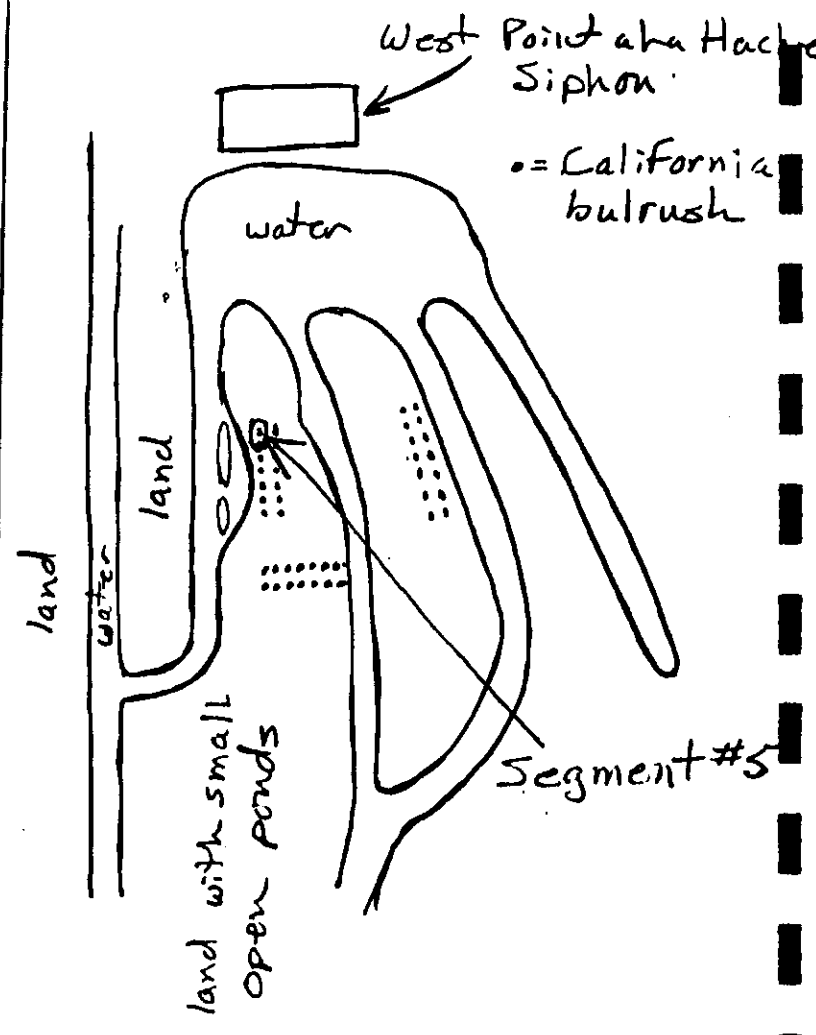
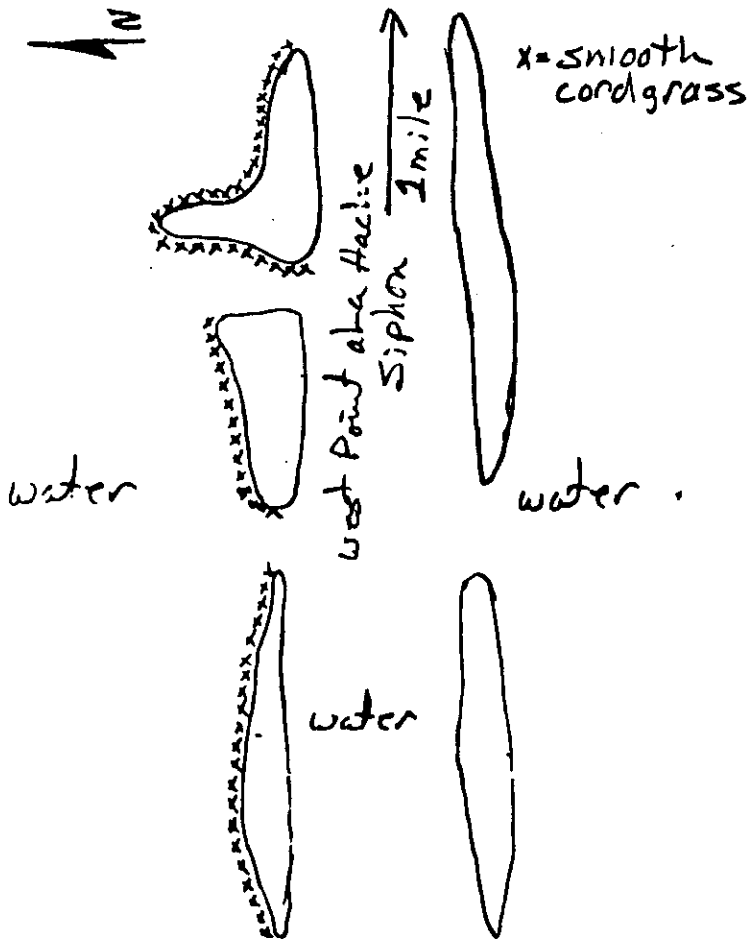
- (A) () wind and/or () boat
(B) () light, () medium, () heavy

Comments: Plants will be exposed to a slow to medium current when siphon runs at full capacity.

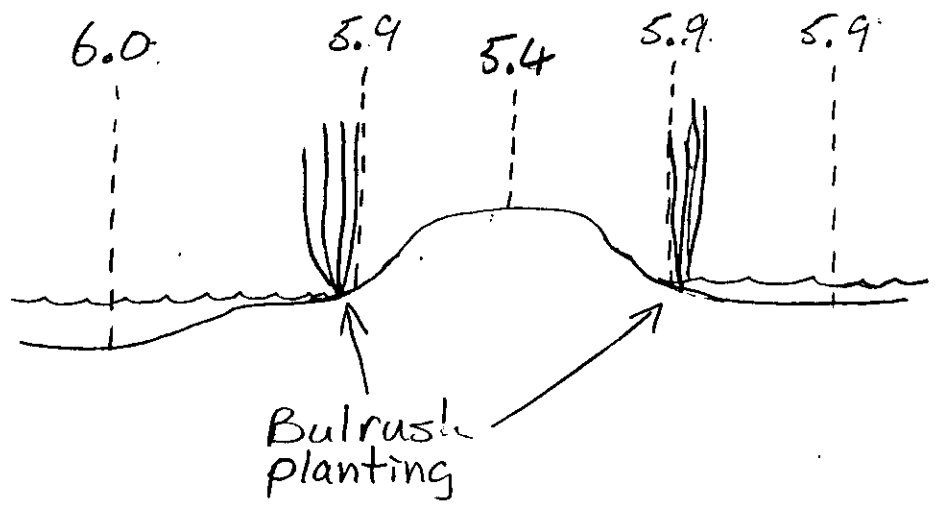
VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:



← north
side view



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTRICT: Plaquemines

DATE OF PLANTING: 6/28/94

PARISH: Plaquemines

DATE OF MONITORING: 6/28/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 6

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 0
(B) Direction of Fetch: NA
(C) Water Depth: 0-12 inches

- (D) Marsh Level: 5.4
(E) Pond Bottom Elevation: NA
(F) Slope of Bank: 1:0

Comments: Planting done on exposed mudflat within 1,000 ft. of West Point a la Hache siphon. Subject to varying water levels, but away from direct siphon outfall. (sketch on back)

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: E-W
(B) Spacing in Rows: 5 ft.
(C) Distance from Bank: on mudflat (6-10 feet from edge of channel)

- (D) Spacing Between Rows: 8 ft.
(E) Number of Rows: 2

Comments: Segment 6 is planted in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt (may rise without siphon influence).

VI. WAVE ACTION:

- (A) () wind and/or () boat
(B) () light, () medium, () heavy

Comments: With siphon operating at full capacity, plants will be exposed to a slow to medium current.

VII. TRAFFICABILITY:

(*) good, () moderate, () poor, () very poor

Comments:

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point ala Hache)

SEGMENT # 1

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

400

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

13/2 6.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Smooth cordgrass is pale green and yellowish in some areas, with thin stems and few leaves, but, most plants are producing new growth and seed heads.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point a la Hache)

SEGMENT # 2

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Spartina alterniflora
Smooth cordgrass

A. How many plants were originally planted in this task?

400 to

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

19

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

 X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

21

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

16/2 8 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants are a pale green to yellowish color, but have a lot of new growth. Nutria are eating most of the new shoots and stems as they extend past the chicken-wire cages.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point a la Hache)

SEGMENT # 3

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted (scientific name and common name)**

Spartina alterniflora

Smooth cordgrass

A. **How many plants were originally planted in this task?**

400

B. **How many plants were originally planted in this sample segment?**

20

C. **How many plants are living in this sample segment?**

18

PLANT PRODUCTIVITY MEASURE

1. **How would you rate overall plant vigor?**

A. **Excellent**

B. **Good**

C. **Fair**

 X

D. **Poor**

2. **Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number**

22

3. **To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here**

15/27.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Uncaged plants are either gone or eaten down to 3" or 4" above water. Many plants have produced seed heads.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point a la Hache)

SEGMENT # 4

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

120

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

7

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

X

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

24

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14 1/2 7 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Surviving plants are healthy and producing new growth. All plants were protected by N.E.D.'s, but herbivore damage was still high. Nutria dug under N.E.D.'s and pushed them over to cut the stems and dig up the roots. Plants were damaged this way only where the water had receded to 4-5 inches or less since siphon operation has decreased.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point a la Hache)

SEGMENT # 5

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Roatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

120

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

2

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

 X

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 0

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

 0

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

_____X_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Surviving plants are healthy and producing new growth. All plants were protected by N.E.D.'s, but herbivore damage was still high.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 14 (W. Point a la Hache)

SEGMENT # 6

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/28/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted** (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

120

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

10

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

10/2 5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

 X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

 X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

 X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Native vegetation
 X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Siphon operation has decreased since planting time, causing low water levels and allowing native vegetation, particularly nutsedge, to grow in extremeley tall, dense stands in the planting area. Nutria damage was high, but surviving plants are healthy and producing new growth.

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 15

DISTRICT: Plaquemines SWCD

PROJECT: LaRuessite

PROJECT LOCATION: In Plaquemines Parish, about 10 miles
South of Belle Chasse, Louisiana

PROJECT OBJECTIVES: To establish freshwater marsh vegetation
and trap sediments in marsh receiving
outfall from the LaRuessite freshwater
siphon.

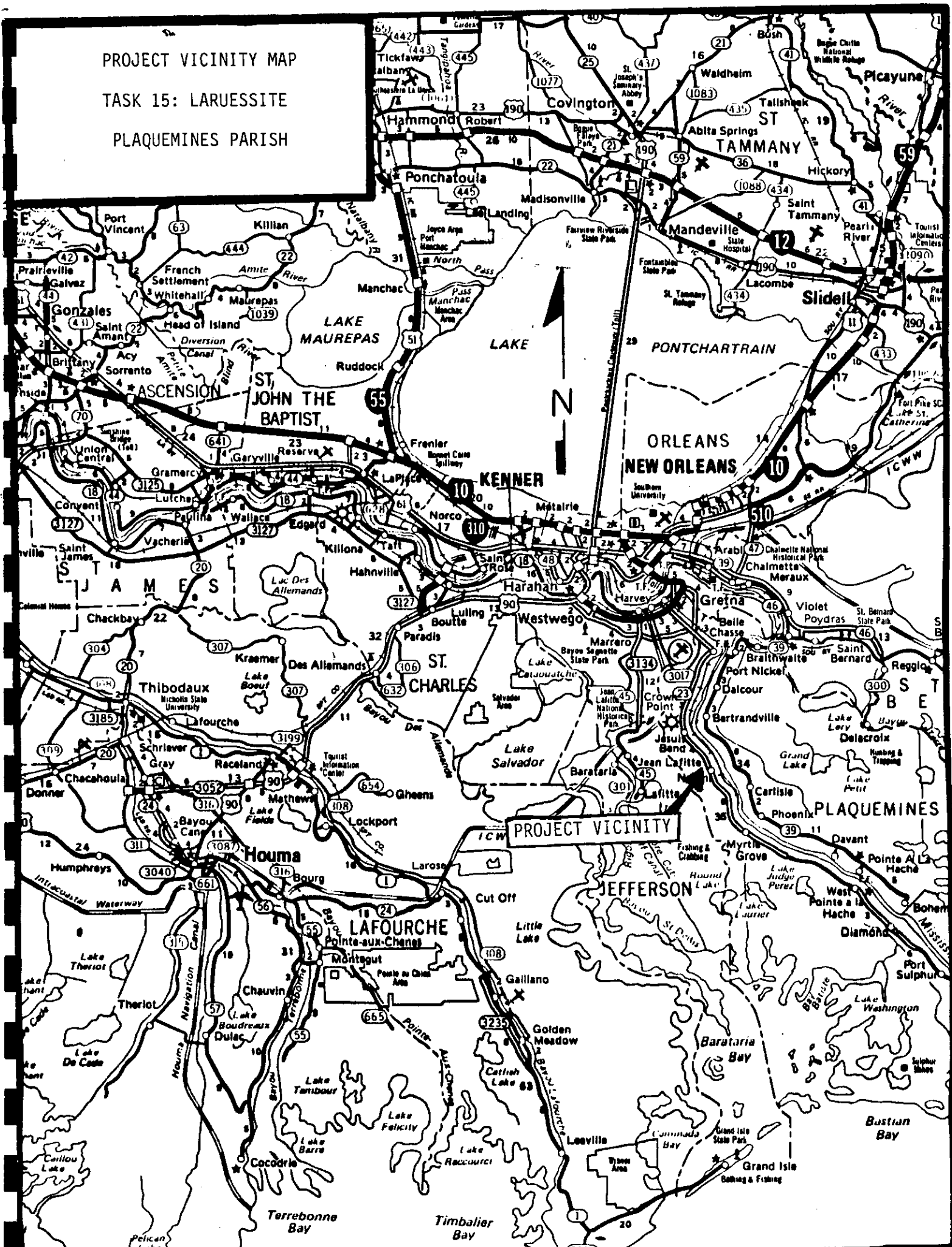
PROJECT FEATURES: Planting 250 gallon containers of
California bulrush (*Scirpus
californicus*) in several areas within
siphon outfall, on 5' spacing.
Distance planted is 1,250'. Also,
the construction of 320' of sediment
fence, sections 2'X8' frames anchored
with 8 foot 2X4's and covered with
plastic mesh, set perpendicular to
the bank. Proposed project cost is
\$4,579.


SWCD: PLAQUEMINES DISTRICTPROJECT NAME: LaREUSSITESITE EVALUATOR: C. MIDKIFF, J. BOATMANDATE: 6-4-9

<u>ELEMENT RATING</u>	<u>2 POINTS (POOR)</u>	<u>1 POINT (FAIR)</u>	<u>0 POINT (GOOD)</u>	<u>POINT</u>
<u>SOILS ELEMENTS:</u>				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>2</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>1</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>0</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>
<u>ENERGY COMPONENTS:</u>				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>
<u>SHORE LINE FEATURES:</u>				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>2</u>
(ADD ALL POINTS FROM ABOVE)			POINT TOTAL	<u>9</u>

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

PROJECT VICINITY MAP
TASK 15: LARUESSITE
PLAQUEMINES PARISH





PROJECT LOCATION MAP
TASK 15: LARUESSITE
PLAQUEMINES PARISH

The image is a high-contrast, black and white aerial photograph of a rural landscape. It shows a network of roads, fields, and some structures. Four specific areas are highlighted with labels and leader lines: 'segment #1' is in the upper right, 'segment #2' is just below it, 'segment #3' is in the lower right, and 'segment #4' is directly below segment #3. The terrain appears to be a mix of open land and some developed areas. A scale bar and a north arrow are located in the bottom right corner.

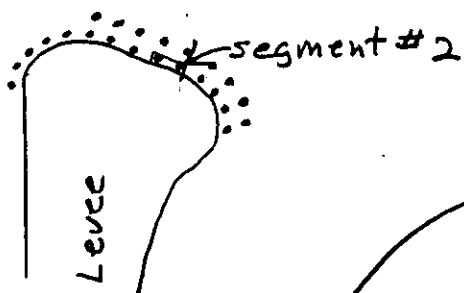
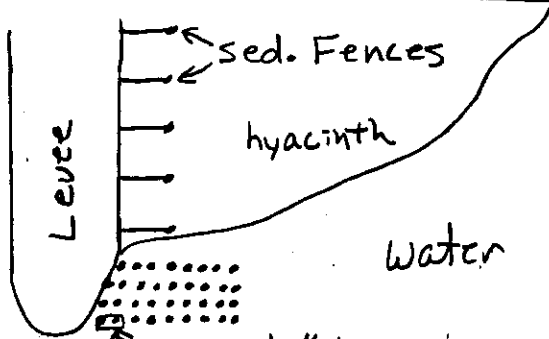


1 Mile



Levee

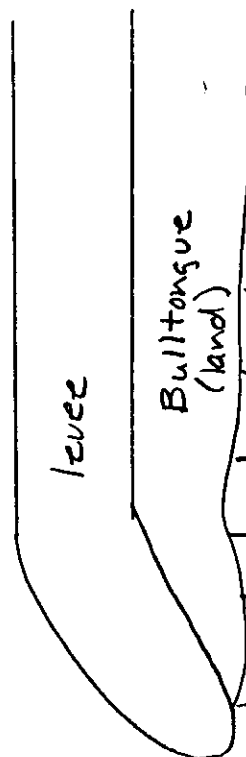
water



hyacinth

hyacinth

hyacinth

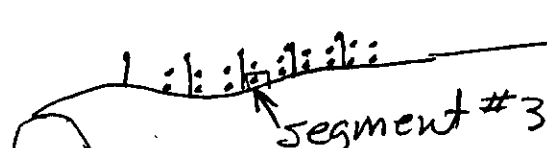


sed. fences

water

hyacinth
& bulltongue

segment #4



bulltongue

TASK 15: LARUESSITE

PLAQUEMINES PARISH

USDA-SCS
Alexandria, LA

LA-CPA-26
4/84

SOIL NAME: Allemande muck

This unprotected, undrained, organic freshwater marsh soil occupies low elevations. Typically the surface layer is very dark brown, slightly acid, muck about 24 inches thick. The underlying material to a depth of 84 inches is dark gray, moderately alkaline, very fluid clay in the upper part and gray moderately alkaline, very fluid clay in the lower part. Large areas of other soils with different properties may be included with this soil.

The water table is near or above the soil surface most of the year. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the clay layers. With extreme difficulty this soil will support human and livestock traffic where the surface layers are undisturbed. If disturbed the soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, and low strength.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

DISTRICT: Plaquemines

DATE OF PLANTING: 6/30/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 1

I. BANK CONFIGURATION:

(A) Distance of Fetch: 200 ft.

(D) Marsh Level: 5.2

(B) Direction of Fetch: SE

(E) Pond Bottom Elevation: 8.5

(C) Water Depth: 15 inches

(F) Slope of Bank: 16:1

Comments: Pond bottom elevation is rod reading taken at bottom of trenaussse between segments 1 & 2 (sketch on back). Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W

(D) Spacing Between Rows: 5 ft.

(B) Spacing in Rows: 5 ft.

(E) Number of Rows: 4

(C) Distance from Bank: Rows begin 1 ft. from waters edge.

Comments: Segment 1 is planted in California bulrush. Water level and salinity influenced by Naomi siphon, which is approx. 1.75 miles to the south east.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt

VI. WAVE ACTION:

(A) (*) wind and/or (*) boat

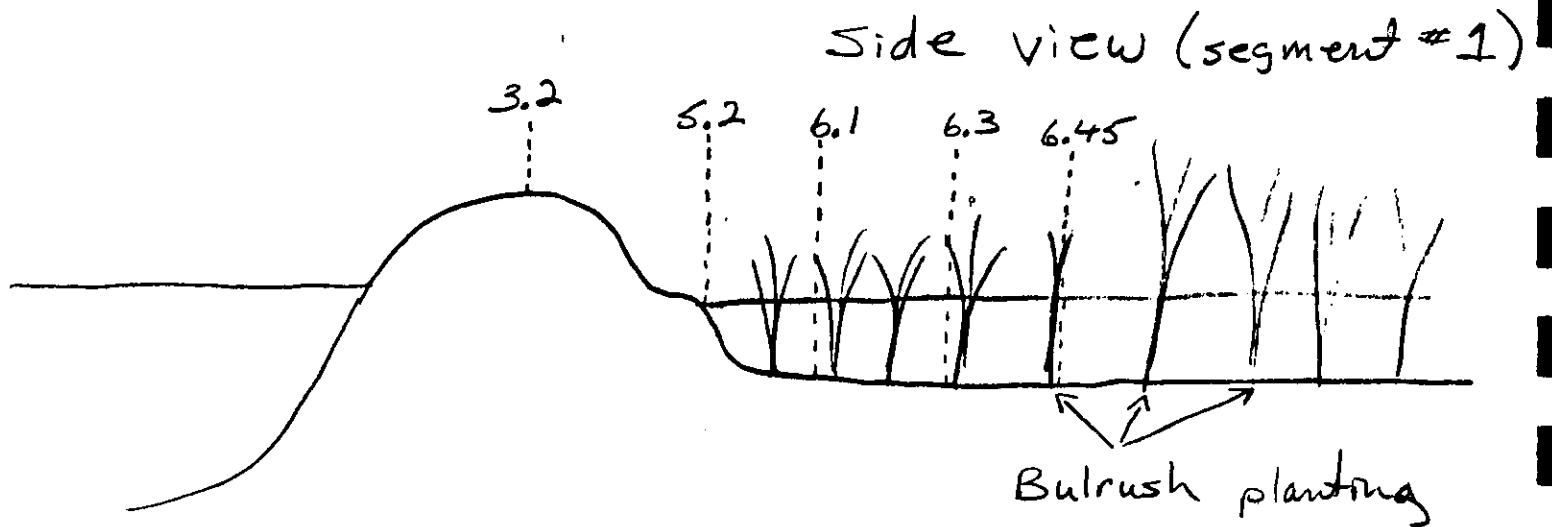
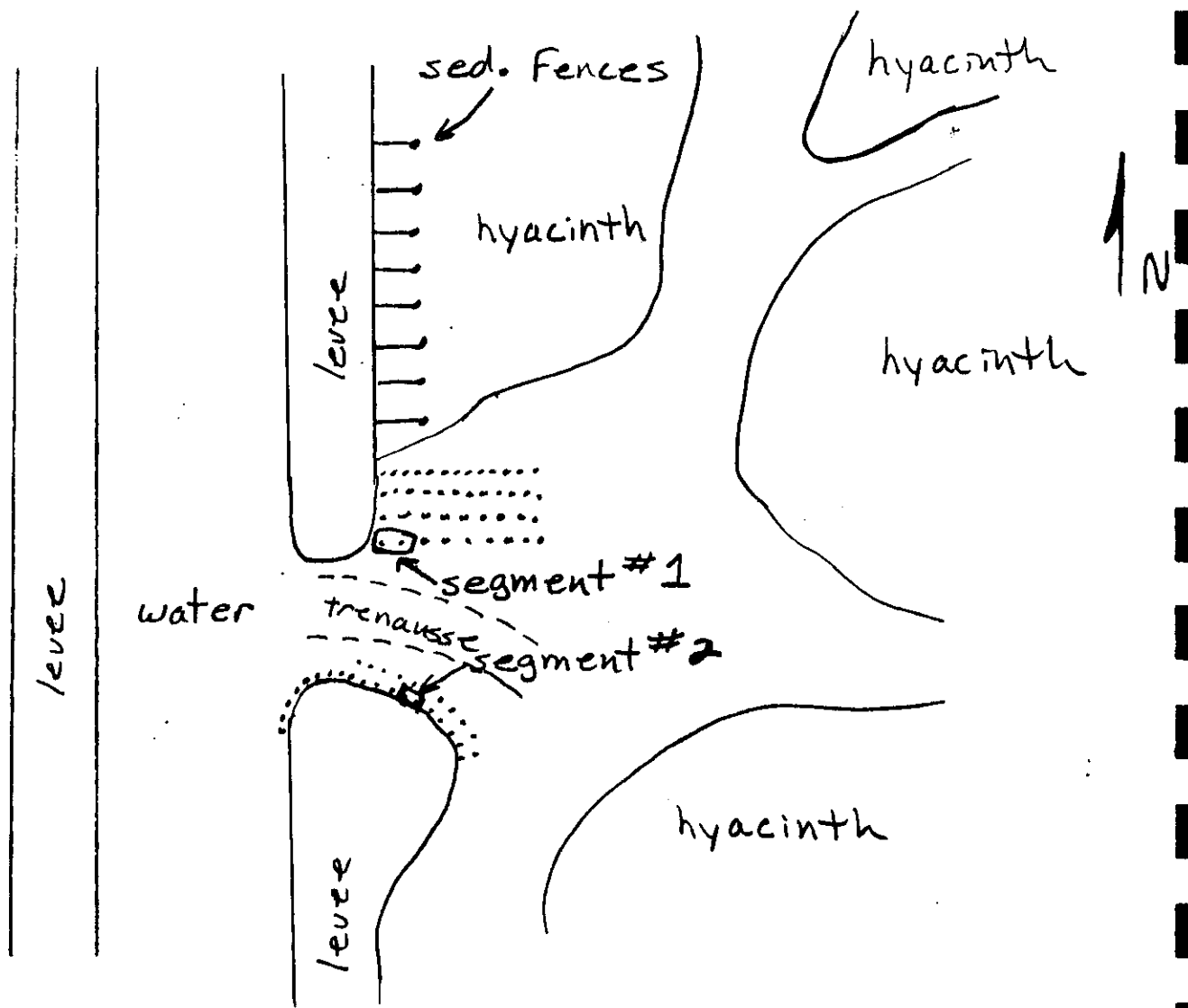
(B) (*) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

DISTRICT: Plaquemines

DATE OF PLANTING: 6/29/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 2

I. BANK CONFIGURATION:

(A) Distance of Fetch: 200 ft.

(D) Marsh Level: 5.2

(B) Direction of Fetch: NE

(E) Pond Bottom Elevation: 8.5

(C) Water Depth: 18 inches

(F) Slope of Bank: 15:1

Comments: Pond bottom elevation is rod reading at bottom of trenaussse between segments 1 & 2. Elevation and level units are rod readings.
(sketch on back)

II. PLANTING ALIGNMENT:

(A) Direction of Rows: E-W

(D) Spacing Between Rows: 5 ft.

(B) Spacing in Rows: 5 ft.

(E) Number of Rows: 2

(C) Distance from Bank: 1 ft.

Comments: Segment 2 planted in California bulrush. Water level and salinity influenced by Naomi siphon, which is approx. 1.75 miles to the south east.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt

VI. WAVE ACTION:

(A) (☐) wind and/or (☐) boat

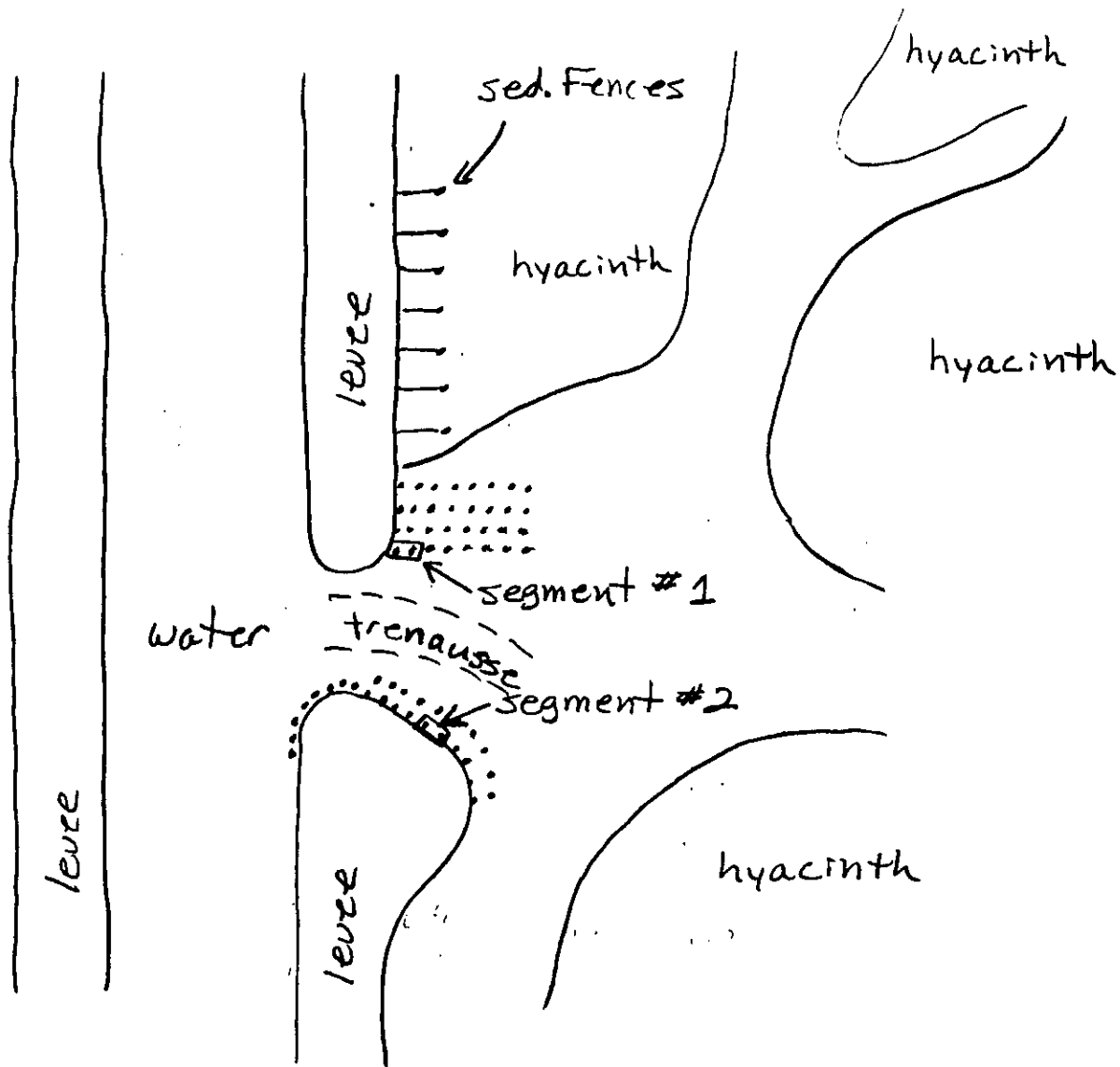
(B) (☐) light, (☐) medium, (☐) heavy

Comments:

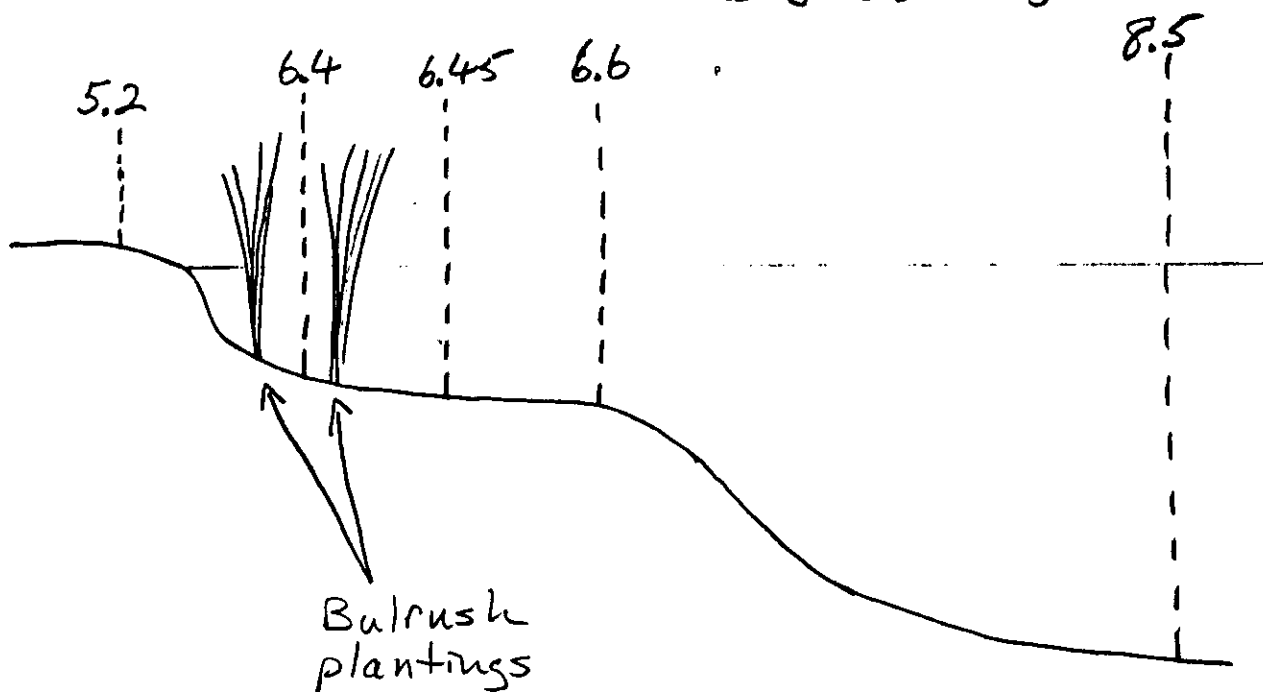
VII. TRAFFICABILITY:

(☐) good, (☒) moderate, (☐) poor, (☐) very poor

Comments:



side view (segment #2)



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

DISTRICT: Plaquemines

DATE OF PLANTING: 6/29/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 3

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 300 ft.
(B) Direction of Fetch: N
(C) Water Depth: 15 inches

- (D) Marsh Level: 5.34
(E) Pond Bottom Elevation: 6.62
(F) Slope of Bank: 1:0

Comments: Planting done between recently constructed sediment fences.
Elevation and level units are rod readings. (sketch on back)

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: E-W
(B) Spacing in Rows: 5 ft.
(C) Distance from Bank: 1 ft.

- (D) Spacing Between Rows: 5 ft.
(E) Number of Rows: 2

Comments: Segment 3 is planted in California bulrush. Water level and salinity influenced by Naomi siphon, which is approx. 1.75 miles to the south east.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt

VI. WAVE ACTION:

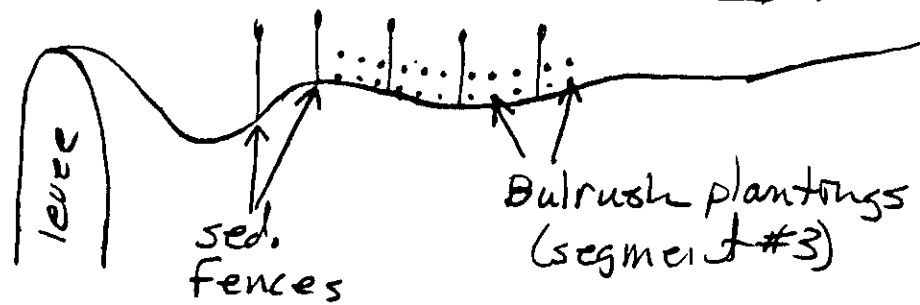
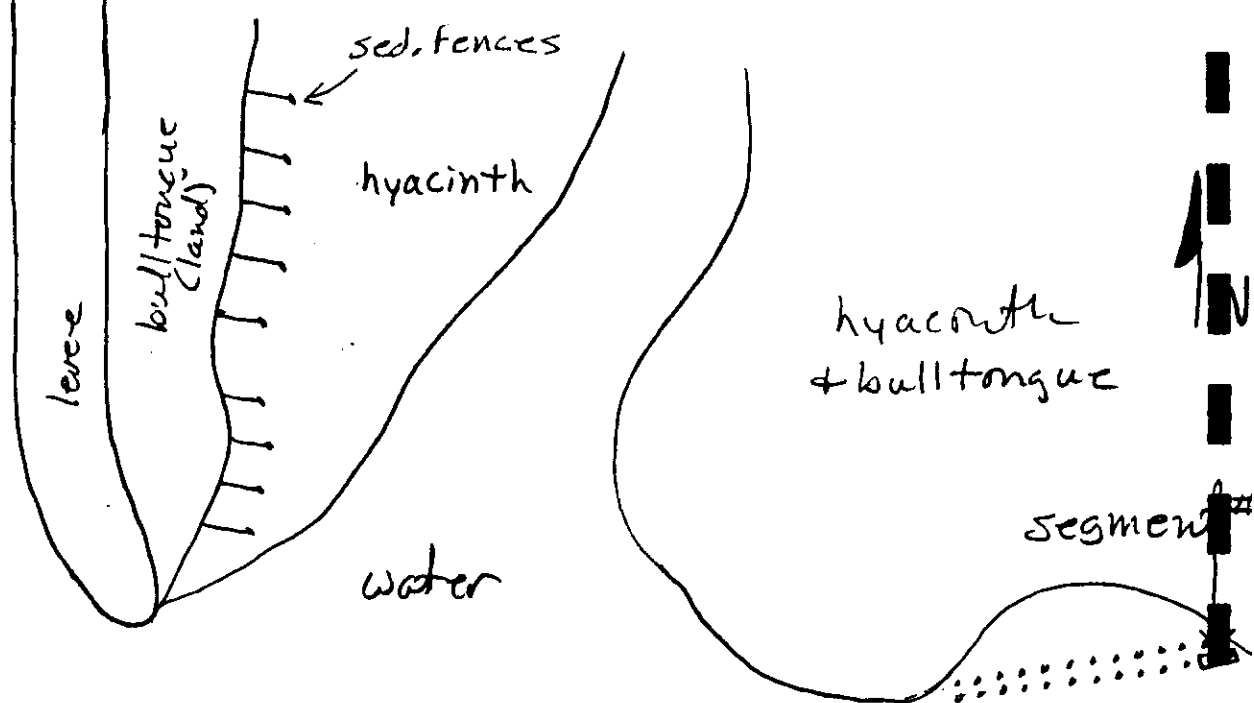
- (A) (*) wind and/or (*) boat
(B) (*) light, () medium, () heavy

Comments:

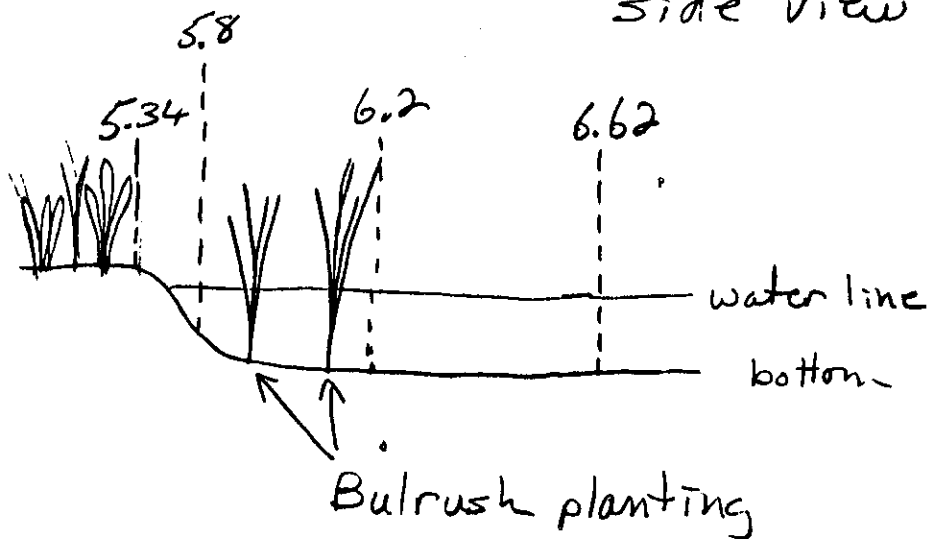
VII. TRAFFICABILITY:

() good, () moderate, (*) poor, () very poor

Comments:



side view (seg. #3)



BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

DISTRICT: Plaquemines

DATE OF PLANTING: 6/30/94

PARISH: Plaquemines

DATE OF MONITORING: 3/30/94

MONITORS: J. Breaux, D. Williamson

SEGMENT NO: 4

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 100 ft.
- (B) Direction of Fetch: S
- (C) Water Depth: 15 inches

- (D) Marsh Level: 5.34
- (E) Pond Bottom Elevation: 6.62
- (F) Slope of Bank: 1:0

Comments: Planting done on a shallow mudflat 50 ft. north of and parallel to the small channel flowing from Naomi siphon, which is approx. 3/4 mile to the east. Elevation and level units are rod readings.

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: E-W
- (B) Spacing in Rows: 5 ft.
- (C) Distance from Bank: 10 ft. monitoring segment is 12 ft. from nearest bank.
- (D) Spacing Between Rows: 10 ft.
- (E) Number of Rows: 2

Comments: Segment 4 is planted in California bulrush.

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. high x 10 in. dia. anchored with 3/8 in. bamboo.

IV. SOILS (Type & Texture): Allemands muck.

V. SALINITY: 0 ppt

VI. WAVE ACTION:

- (A) (*) wind and/or (*) boat
- (B) (*) light, () medium, () heavy

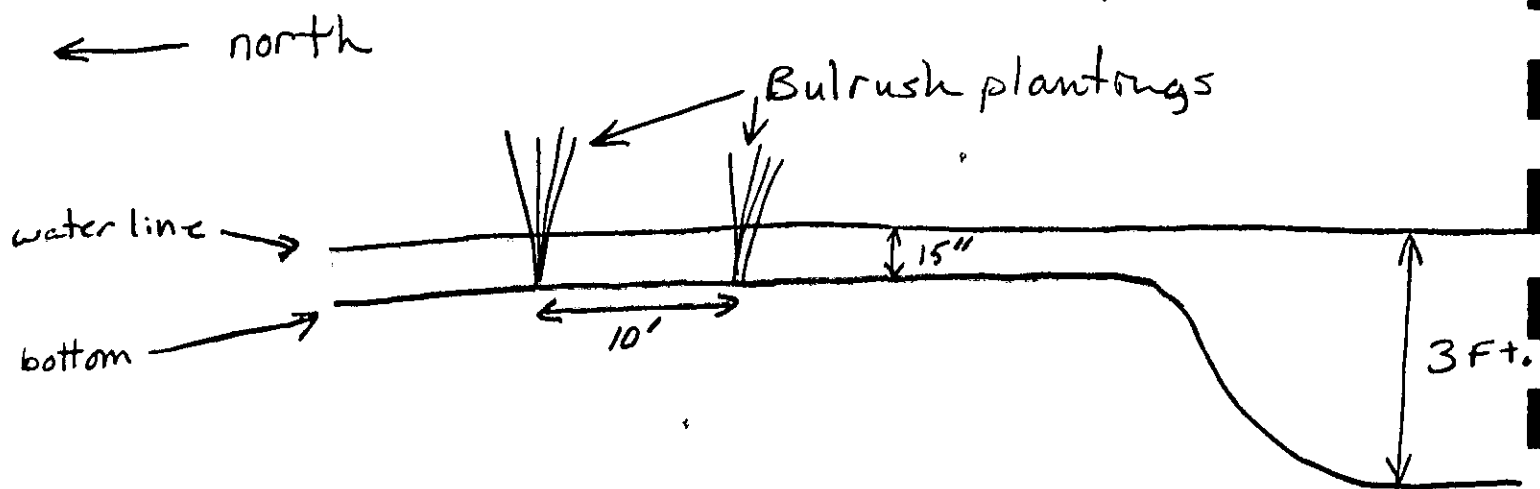
Comments:

VII. TRAFFICABILITY:

() good, (*) moderate, () poor, () very poor

Comments:

side view (seg. #4)



**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 15 (La Ruessite)

SEGMENT # 1

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/30/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breau/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

California bulrush

A. How many plants were originally planted in this task?

250

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

5

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

14

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

8/2 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Floating plants
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Water hyacinths moved into the area and grew into a dense mat. Plants on the ends of the rows did O.K., but those in between have been pushed over by the hyacinths. The 100' monitoring segment has been damaged more than the nearby rows.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 15 (LaRuessite)

SEGMENT # 2

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/30/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants where originally planted in this task?

250

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

18

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

15/2 7.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Floating plants
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Bulwhips are crowded by water hyacinths which have grown into a dense mat. Plants on the row nearest to the bank (1'-2') are healthy and producing new growth and aren't crowded as heavily by hyacinths as those on the row (6'-7') out from the bank. Plants on the outside row are stressed by the hyacinths and show less new growth.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 15 (La Ruessite)

SEGMENT # 3

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/30/94

PARISH _____

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breaux/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. **Species Planted** (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

250

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

21

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

14/2 7 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Floating plants

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

The water in this area is covered with duckweed and some water hyacinths and alligator grass. Floating plants aren't dense enough yet to pose a threat, but may eventually become a problem in the planting area.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 15 (La Ruessite)

SEGMENT # 4

DISTRICT Plaquemines SWCD

DATE OF PLANTING 6/30/94

PARISH Plaquemines

MONITORING DATE 8/8/94

INFORMATION PREPARED BY J. Breau/J. Boatman

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus
California bulrush

A. How many plants were originally planted in this task?

250

B. How many plants were originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

20

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

12

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

9/2 4.5 inches

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants look good, some hyacinths moved into the area, but not enough to harm the plants.

ST.MARTIN DISTRICT

Task 16: Bayou Milhomme

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 16

DISTRICT: St. Martin SWCD

PROJECT NAME: Bayou Milhomme

PROJECT LOCATION: Project is located in St. Martin Parish
(lower section) between the town of Stephenville
and Lake Palourde on Bayou Milhomme in section
17, T15S, R13E.

PROJECT OBJECTIVES: To establish California bulrush
(*Scirpus californicus*) along the protection levee
on Bayou Milhomme to prevent additional erosion.
Heavy boat/ barge activity has caused severe
erosion to levee on a 400' and a 600' section.
The critical area totals 1000'.

PROJECT FEATURES: The gallon container plant will be
planted on 5' spacings. The row will be planted
along the levee at 6" water level.

COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: ST. MARTIN DISTRICT

PROJECT NAME: BAYOU MILHOMME

SITE EVALUATOR: C. MIDKIFF, R. SHUFF

DATE: 6-2-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>0</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>0</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>0</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>2</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

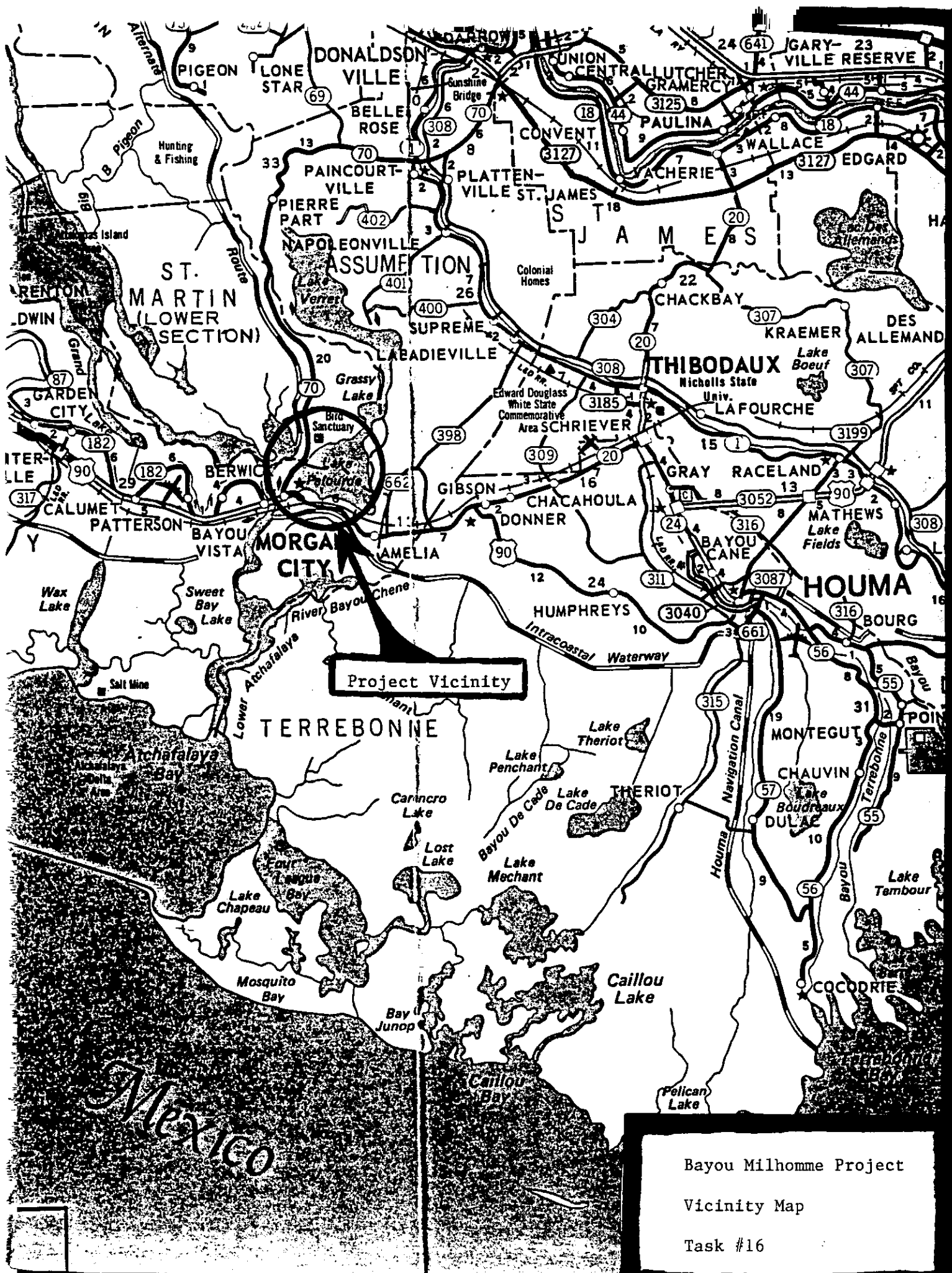
SHORE LINE FEATURES:

SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>1</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>0</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>1</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 6

0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

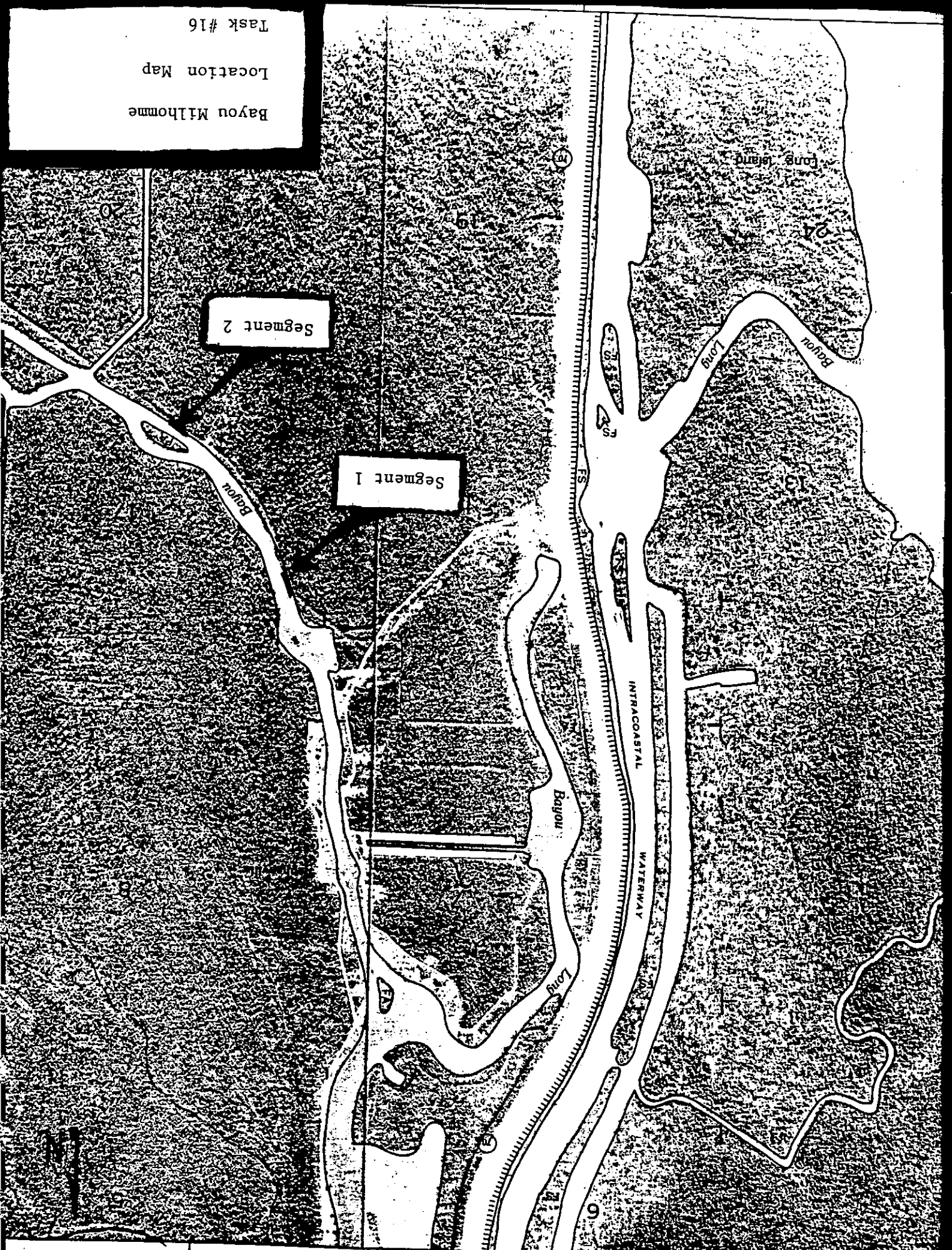


Bayou Milhomme Project
Vicinity Map
Task #16

Task #16
Location Map
Bayou Milhomme

Segment 2

Segment 1



SOIL NAME: Fausse Association

These level, clayey soils are subject to frequent flooding.
Large areas of other soils with different properties are included with this soil.

Flooding is mostly during months of December through June. Depths of flood water may exceed 3 feet. During nonflood periods the water table fluctuates between a depth of 1.5 feet below the surface and 1.0 foot above the surface.

The potential for cropland and pastureland is very poor because of wetness and flooding.

The potential for hardwood production is moderate. Wetness and flooding very severely restrict use of equipment and cause high mortality rate of seedlings.

The potential for urban use is very poor because of wetness and flooding.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 16

DISTRICT: St. Martin SWCD

DATE OF PLANTING: 6/1/94

PARISH: St. Martin (Lower)

DATE OF MONITORING: 6/1/94

MONITORS: Rose Shuff
Doug Miller

SEGMENT NO: 1

I. BANK CONFIGURATION:

- (A) Distance of Fetch: 250-300
- (B) Direction of Fetch: SW & NW
- (C) Water Depth: 2 feet

- (D) Marsh Level: 8.0'
- (E) Pond Bottom Elevation: 4.0'
- (F) Slope of Bank: 6" to 3' in 10

Comments: 3' cut bank

II. PLANTING ALIGNMENT:

- (A) Direction of Rows: N to S
- (B) Spacing in Rows: 3
- (C) Distance from Bank: 2-4

- (D) Spacing Between Rows: 3
- (E) Number of Rows: 2

Comments: Cutgrass planted in segment

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included

N/A

IV. SOILS (Type & Texture): Fausse/Assocaition

V. SALINITY: 0

VI. WAVE ACTION:

- (A) () wind and/or (x) boat
- (B) () light, (x) medium, () heavy

Comments:

VII. TRAFFICABILITY:

(x) good, () moderate, () poor, () very poor

Comments: Bottom was extra hard

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 16

DISTRICT: St. Martin

DATE OF PLANTING: 6/2/94

PARISH: St. Martin

DATE OF MONITORING: 6/2/94

MONITORS: Rose Shuff
Doug Miller

SEGMENT NO: 2

I. BANK CONFIGURATION:

- | | |
|---------------------------------|---|
| (A) Distance of Fetch: 250-300 | (D) Marsh Level: 8.0' |
| (B) Direction of Fetch: SW & NW | (E) Pond Bottom Elevation: 4.0' |
| (C) Water Depth: 2 feet | (F) Slope of Bank: 6" to 3' within
10 feet |

Comments:

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------|-----------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 3 |
| (B) Spacing in Rows: 3 | (E) Number of Rows: 2 |
| (C) Distance from Bank: 2-4 | |

Comments: Bullwhip planted in segment

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.

N/A

IV. SOILS (Type & Texture): Fausse

V. SALINITY: 0

VI. WAVE ACTION:

- (A) ☐ wind and/or ☒ boat
(B) ☐ light, ☒ medium, ☐ heavy

Comments:

VII. TRAFFICABILITY:

☒ good, ☐ moderate, ☐ poor, ☐ very poor

Comments: Bottom was very hard

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 16 (Bayou Milhomme)

SEGMENT # 1

DISTRICT St. Martin SWCD

DATE OF PLANTING 6/3/94

PARISH Lower St. Martin

MONITORING DATE 7/7/94

INFORMATION PREPARED BY D. Miller/R. Shuff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Zizaniopsis miliacea
cutgrass

A. How many plants where originally planted in this task?

435

B. How many plants where originally planted in this
sample segment?

20

C. How many plants are living in this sample segment?

18

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living
plants found within the sample segment, enter total number

26

3. To determine lateral spread, working with only living plants
within the sample segment, measure from the center of the
plant to the farthest living shoot of that plant. Make only
one measurement per plant. To determine average lateral
spread for living plants within this sample segment, total all
the lateral measurements for all the living plants within the
segment and divide by the number of living plants within
that segment. Enter the average here

4.5"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Boat Traffic

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants that popped up were still growing good
with root mass just sitting on the bottom.
(In 3'-5' of water)

Dirt had eroded away around some of the pots
but they were still growing good.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 16 (Bayou Milhomme)

SEGMENT # 2

DISTRICT St. Martin SWCD

DATE OF PLANTING 6/2/94

PARISH Lower St. Martin

MONITORING DATE 7/7/94

INFORMATION PREPARED BY D. Miller/B. Shuff

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Scirpus californicus

Bullwhip

A. How many plants where originally planted in this task?

435

B. How many plants where originally planted in this sample segment?

20

C. How many plants are living in this sample segment?

15

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

13

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

0"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Boat Traffic

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants were growing on the bank;
Boat wakes seem to be watering
the plants.
There were signs of new shoots.

VERMILION DISTRICT

Task 17: SW Pecan Island #2

1994-95 MULTI-YEAR VEGETATION PROGRAM
DNR INTERAGENCY AGREEMENT NO. 25030-94-04

TASK NO. 17

DISTRICT: Vermilion SWCD

PROJECT NAME: SW Pecan Island #2

PROJECT LOCATION: Project is located in section 22, T16S,
R1W on Vermilion Corp. in a management unit
identified as Southwest Pecan Island.

PROJECT OBJECTIVES: To introduce and enhance perennials
to this area to increase wildlife food, trap
sediments, decrease open water areas by
rebuilding the marsh.

PROJECT FEATURES: The proposed project features will be
to plant seashore paspalum plants on mudflats
to stabilize these flats with perennials. The
plants will be protected with poultry net fence.

CORAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: VERMILION DISTRICT

PROJECT NAME: SOUTHWEST PECAN ISLAND #2

SITE EVALUATOR: C. MIDKIFF, D. MENARD, J. EDWARDS

DATE: 5-27-93

ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINTS
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SOILS ELEMENTS:

N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	<u>1</u>
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	<u>0</u>
REACTION pH	<4.5 - >8.4	-	4.5-8.4	<u>0</u>
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	<u>0</u>
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>1</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL, H2O2)	-	pH ≥4.5 -	<u>0</u>
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>1</u>

ENERGY COMPONENTS:

FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>1</u>
WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	<u>0</u>
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u>0</u>

SHORE LINE FEATURES:

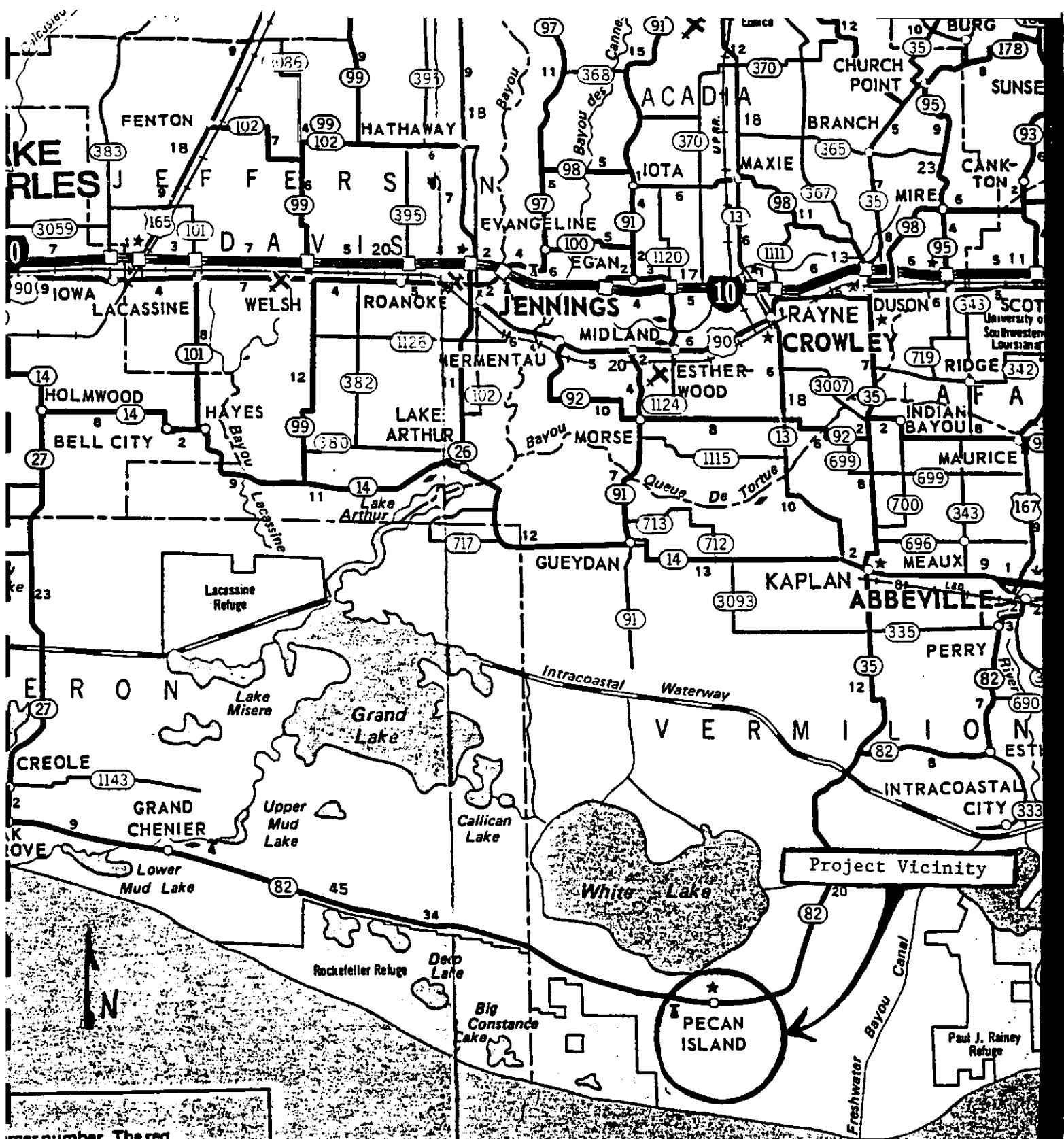
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	<u>0</u>
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>0</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>1</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>0</u>

(ADD ALL POINTS FROM ABOVE)

POINT TOTAL 5

7-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

5-6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECIALIST)



larger number. The red
the table 3-27-77.

TON 36. WINNFELD
REVEPORT 37. WINNSBORO
LULAH
ARKANA, ARK.
BODALUX

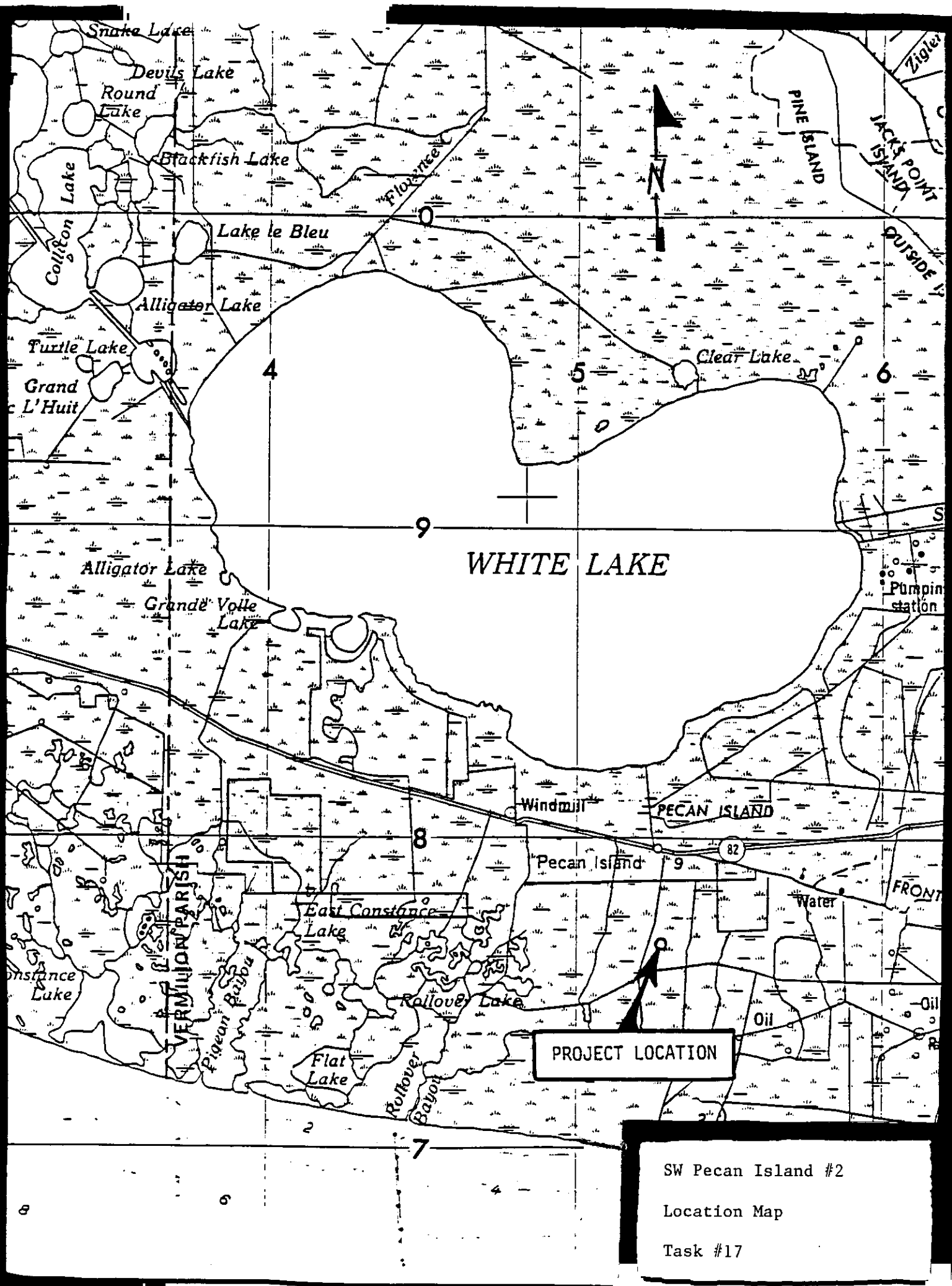
The ACADIANA region is made up of twenty-two
Louisiana parishes, unique primarily be-
cause of the strong French Acadian culture, lan-
guage and traditions.

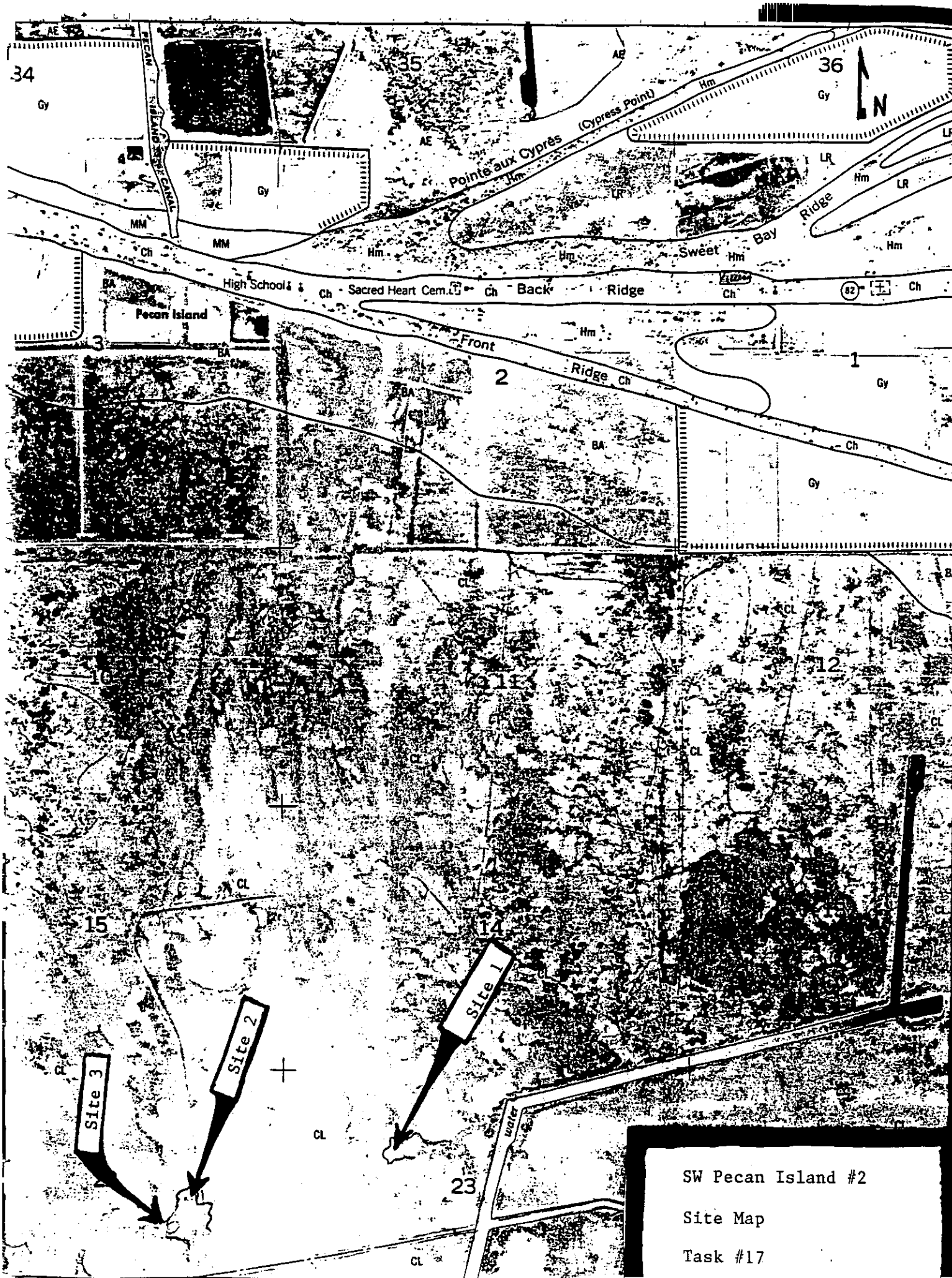
SW Pecan Island #2

Vicinity Map

Task #17

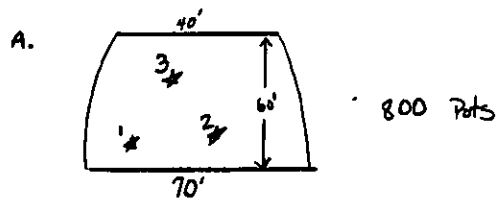
90	13-18	202	14-32	50	16-26	243	18-24	71	20-26	141	22-32
07	13-19	273	14-33	121	16-27	351	18-25	142	20-27	234	22-33
88	13-20	271	14-34	91	16-28	265	18-26	23	20-28	134	22-34
17	13-21	348	14-35	297	16-29	199	18-27	129	20-29	50	22-35
26	13-22	278	14-36	73	16-30	219	18-28	66	20-30	98	22-36
20	13-23	207	14-37	103	16-31	297	18-29	68	20-31	134	22-37



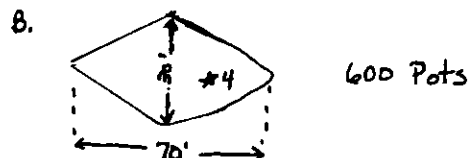


SITE 1

★ - Monitoring STATIONS



PLANTED 5/26/94



SITE 2

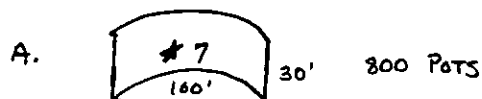


Approx 30' x 100' @ widest and longest points

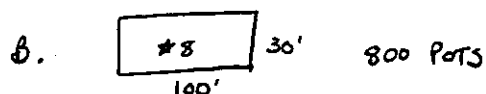
1000 Pots

Planted 5/27/94

SITE 3



Planted 5/24/94



Monitoring Stations

10' circle around each stake

Approx. 35 PLANTS IN EACH CIRCLE

- Each Area was fenced with 36" Chicken wire.

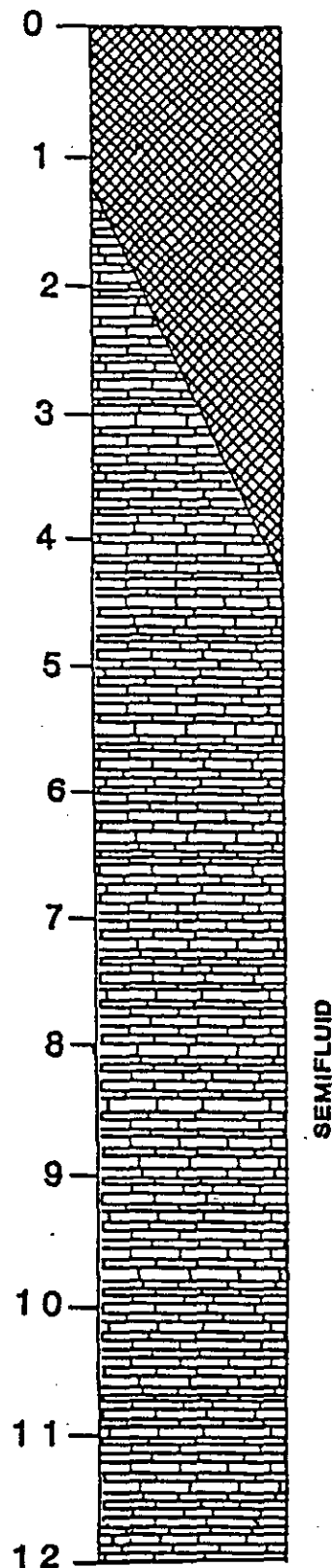
SOIL PROFILE

SOIL NAME: CLOVELLY MUCK

SOIL SYMBOL: CO

CAPABILITY UNIT: VIIW3

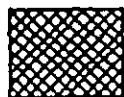
FT.



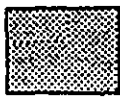
This deep, level, very poorly drained brackish marsh soil occupies low elevations along major drainageways. The surface layer is slightly acid, very dark grayish brown organic material about 36 inches thick. The underlying layer is neutral black and gray semifluid clay. Small areas of other soils with different properties may be included with this soil.

The level of moderately saline water is near or above the soil surface most of the year. During storm tides this soil is covered by as much as 3 feet of water. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the mineral layers. This soil will not support human or livestock traffic. If disturbed the soil tends to liquify.

The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, salinity, low strength, and poor accessibility.



ORGANIC



SANDY



LOAMY



CLAYEY

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTRICT: VERMILION

DATE OF PLANTING: 5/26/94

PARISH: VERMILION

DATE OF MONITORING: 3/15/94

MONITORS: DOUG MILLER DON MENARD
WALTER WAINWRIGHT
GLEN HEBERT

SEGMENT NO: 1,2,3

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 1500' | (D) Marsh Level: 4.5' |
| (B) Direction of Fetch: NE and SE | (E) Pond Bottom Elevation: 6.0' |
| (C) Water Depth: 0 | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
Planting on exposed mudflats during a drawdown period

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|------------------------------|
| (A) Direction of Rows: W to E | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: N/A |
| (C) Distance from Bank: 50' on shore | |

Comments: * Measurements of distance are approximate
Due to the irregular shape of the area to be planted, the number of rows could not be determined. 2' spacing will be used. (2"peat pots)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
The entire block to be planted will be fenced with 36" chicken wire. 2x4's will be used for corner post and stakes will hold up the rest of the wire.

IV. SOILS (Type & Texture): Clovely / Muck

V. SALINITY: 2 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments: Wave action is not a concern since we will be planting on shore.

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments: Trafficability will improve as long as the mudflats are exposed

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTRICT: VERMILION

DATE OF PLANTING: 5/26/94

PARISH: VERMILION

DATE OF MONITORING: 3/15/94

MONITORS: DOUG MILLER DON MENARD
 WALTER WAINWRIGHT
 GLEN HEBERT

SEGMENT NO: 4

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 1500' | (D) Marsh Level: 4.5' |
| (B) Direction of Fetch: NE and SE | (E) Pond Bottom Elevation: 6.0' |
| (C) Water Depth: 0 | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
Planting on exposed mudflats during a drawdown period

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: N/A |
| (C) Distance from Bank: 20' on shore | |

Comments: * Measurements of distance are approximate
Due to the irregular shape of the area to be planted, the number of rows cannot be determined. 2' spacing will be used. (2" peat pots)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
The entire block to be planted will be fenced with 36" chicken wire. 2x4's will be used for corner post and stakes will hold up the rest of the wire.

IV. SOILS (Type & Texture): Clovelly / Muck

V. SALINITY: 2 ppt

VI. WAVE ACTION:

- | |
|--------------------------------------|
| (A) (X) wind and/or () boat |
| (B) (X) light, () medium, () heavy |

Comments: Wave action is not a concern since the plantings will be on shore.

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments: Trafficability will improve as long as the mudflats are exposed.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTRICT: VERMILION

DATE OF PLANTING: 5/27/94

PARISH: VERMILION

DATE OF MONITORING: 3/15/94

MONITORS: DOUG MILLER DON MENARD
WALTER WAINWRIGHT
GLEN HEBERT

SEGMENT NO: 5,6

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 500' | (D) Marsh Level: 4.5' |
| (B) Direction of Fetch: Northeast | (E) Pond Bottom Elevation: 6.0' |
| (C) Water Depth: 0 | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
Planting on exposed mudflats during a drawdown period

II. PLANTING ALIGNMENT:

- | | |
|--------------------------------------|------------------------------|
| (A) Direction of Rows: SE to NW | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: N/A |
| (C) Distance from Bank: 50' on shore | |

Comments: * Measurements of distance are approximate
Due to the irregular shape of the area to be planted, the number of rows could not be determined. 2' spacing will be used. (2"peat pots)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included. The entire block to be planted will be fenced with 36" chicken wire. 2x4's will be used for corner post and stakes will hold up the rest of the wire.

IV. SOILS (Type & Texture): Clovelly / Muck

V. SALINITY: 2 ppt

VI. WAVE ACTION:

- (A) ☒ wind and/or ☐ boat
(B) ☒ light, ☐ medium, ☐ heavy

Comments: Wave action is not a concern since we will be planting on shore.

VII. TRAFFICABILITY:

☐ good, ☒ moderate, ☐ poor, ☐ very poor

Comments: Trafficability will improve as long as the mudflats are exposed

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTRICT: VERMILION

DATE OF PLANTING: 5/24/94

PARISH: VERMILION

DATE OF MONITORING: 3/15/94

MONITORS: DOUG MILLER DON MENARD
 WALTER WAINWRIGHT
 GLEN HEBERT

SEGMENT NO: 7

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 1100' | (D) Marsh Level: 4.5' |
| (B) Direction of Fetch: southeast | (E) Pond Bottom Elevation: 6.0' |
| (C) Water Depth: 0 | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
 Planting on exposed mudflats during a drawdown period

II. PLANTING ALIGNMENT:

- | | |
|---------------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 15 |
| (C) Distance from Bank: 150' on shore | |

Comments: * Measurements of distance are approximate
 30' x 100' block will be planted. 2' spacing
 will be used.. (2" peat pots)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
The entire block to be planted will be fenced with 36"
chicken wire. 2x4's will be used for corner post
and stakes will hold up the rest of the wire.

IV. SOILS (Type & Texture): Clovelly / Muck

V. SALINITY: 2 ppt

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) (X) light, () medium, () heavy

Comments: Wave action is not a concern since the plantings
 will be on shore.

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments: Trafficability will improve as long as
 the mudflats are exposed.

BASE DATA

SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTRICT: VERMILION

DATE OF PLANTING: 5/24/94

PARISH: VERMILION

DATE OF MONITORING: 3/15/94

MONITORS: DOUG MILLER DON MENARD
WALTER WAINWRIGHT
GLEN HEBERT

SEGMENT NO: 8

I. BANK CONFIGURATION:

- | | |
|-----------------------------------|---------------------------------|
| (A) Distance of Fetch: 1100' | (D) Marsh Level: 4.5' |
| (B) Direction of Fetch: southeast | (E) Pond Bottom Elevation: 6.0' |
| (C) Water Depth: 0 | (F) Slope of Bank: 6"cutbank |

Comments: * Measurements of distance are approximate
Planting on exposed mudflats during a drawdown period

II. PLANTING ALIGNMENT:

- | | |
|-------------------------------------|------------------------------|
| (A) Direction of Rows: N to S | (D) Spacing Between Rows: 2' |
| (B) Spacing in Rows: 2' | (E) Number of Rows: 15 |
| (C) Distance from Bank: 2' on shore | |

Comments: * Measurements of distance are approximate
30' x 100' block will be planted. 2' spacing
will be used.. (2" peat pots)

III. DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:

(i.e. material used, size, shape, etc.) A picture will be included.
The entire block to be planted will be fenced with 36"
chicken wire. 2x4's will be used for corner post
and stakes will hold up the rest of the wire.

IV. SOILS (Type & Texture): Clovelly / Muck

V. SALINITY: 2 ppt

VI. WAVE ACTION:

- (A) (X) wind and/or () boat
(B) (X) light, () medium, () heavy

Comments:

VII. TRAFFICABILITY:

() good, (X) moderate, () poor, () very poor

Comments: Trafficability will improve as long as
the mudflats are exposed.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 17 (SW Pecan Island #2)

SEGMENT # 1

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/26/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

seashore paspalum

A. How many plants where originally planted in this task?

4000 Pear Pots

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

15

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 24"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x_____

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x_____

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x_____

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water Level/Plant Competition

_____x_____

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Water levels at site increased from 0 to 12". Walter's millet dominates the site crowding out the paspalum.

However, from looking at past monitoring reports of similar projects in the same area it appears that the paspalum will take off after the water levels drop and the Walter's millet finishes its cycle.

Nutria excluder pens were still holding up, although some nutria have been getting in. The Walter's millet showed some nutria damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 17 (SW Pecan Island #2)

SEGMENT # 2

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/26/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

seashore paspalum

4000 Peat Pots

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

14

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 22"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water level/Plant competi

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Water levels at site increased from 0 to 12". Walter's millet dominates the site crowding out the paspalum.

However, from looking at past monitoring reports of similar projects in the same area it appears that the paspalum will take off after the water levels drop and the walter's millet finishes its cycle.

Nutria excluder pens were still holding up, although some nutria have been getting in. The Walter's millet showed some nutria damage.

MONITORING WORKSHEET **SEGMENT SPECIFIC INFORMATION** **1994-95**

TASK # 17 (SW Pecan Island #2)

SEGMENT # 3

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/26/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum
Seashore paspalum

A. How many plants where originally planted in this task?

4000 Peat pots

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

14

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

X

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 23"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

X

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

X

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

X

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Waterlevel/Plant competition
X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Water levels at site increased from 0 to 12". Walter's millet dominates the site crowding out the paspalum.

However, from looking at past monitoring reports of similar projects in the same area it appears that the paspalum will take off after the water levels drop and the Walter's millet finishes its cycle.

Nutria excluder pens were still holding up, although some nutria have been getting in. The Walter's millet showed some nutria damage.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 17 (SW Pecan Island #2)

SEGMENT # 4

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/26/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum
Seashore paspalum
4000 Peat Pots

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

C. How many plants are living in this sample segment?

35
0

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

N/A

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

N/A

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water level/Plant Competition

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Water levels at site increased from 0 to 12". Walter's millet dominates the site crowding out the paspalum.

However, from looking at past monitoring reports of similar projects in the same area it appears that the paspalum will take off after the water levels drop and the Walter's millet finishes its cycle.

Nutria excluder pens were still holding up, although some nutria have been getting in. The Walter's millet showed some nutria damage.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 17 (SW Pecan Island #2)

SEGMENT # 5

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/27/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum
seashore paspalum

A. How many plants where originally planted in this task?

4000 Peat Pots

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

12

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 20"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water level
_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is covered in 10" of water. Some paspalum is coming up through the water.
Deer knocked the fence down in two places and were clipping some three-corner grass. There was no evidence of damage to the paspalum.

**MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95**

TASK # 17 (SW Pecan Island #2)

SEGMENT # 6

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/27/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum
seashore paspalum

A. How many plants where originally planted in this task?

4000 Peat Pots

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

5

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 20"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

water level
_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is covered in 10" of water. Some paspalum is coming up through the water.
Deer knocked the fence down in two places and were clipping somethree-corner grass. There was no evidence of damage to the paspalum.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 17 (SW Pecan Island #2)

SEGMENT # 7

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/24/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum

Seashore paspalum

4000 Peat Pots

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

35

C. How many plants are living in this sample segment?

6

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

A. Excellent

B. Good

C. Fair

D. Poor

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 13"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water levels/Plant competition

x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is in about 6" of water. Walter's millet is taking over the site. Nutria damage was evident on the Walter's millet.

MONITORING WORKSHEET
SEGMENT SPECIFIC INFORMATION
1994-95

TASK # 17 (SW Pecan Island #2)

SEGMENT # 8

DISTRICT Vermilion SWCD

DATE OF PLANTING 5/24/94

PARISH Vermilion

MONITORING DATE 7/25/94

INFORMATION PREPARED BY D. Miller/W. Wainwright

(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)

PLANT SURVIVAL INFORMATION

1. Species Planted (scientific name and common name)

Paspalum vaginatum
seashore paspalum
4000 Peat Pots

A. How many plants where originally planted in this task?

B. How many plants where originally planted in this sample segment?

C. How many plants are living in this sample segment?

35
8

PLANT PRODUCTIVITY MEASURE

1. How would you rate overall plant vigor?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

 x

2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number

 N/A

3. To determine lateral spread, working with only living plants within the sample segment, measure from the center of the plant to the farthest living shoot of that plant. Make only one measurement per plant. To determine average lateral spread for living plants within this sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within that segment. Enter the average here

Runner Length 15"

NUISANCE DAMAGE

1. Was there damage from:

A. Herbivores

- a) High
- b) Medium
- c) Low
- d) None

_____x

B. Insects

- a) High
- b) Medium
- c) Low
- d) None

_____x

C. Disease

- a) High
- b) Medium
- c) Low
- d) None

_____x

D. Other (e.g. water debris, foot traffic, floating plants) specify the source

- a) High
- b) Medium
- c) Low
- d) None

Water level/Plant competition

_____x

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is in about 6" of water. Walter's millet dominates the site.