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

1994 Monitoring Reports

#### INTRODUCTION

This monitoring report is being done in compliance with the Department of Natural Resources (DNR), Interagencey 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 cordgrass plants (Sparting alterniflora).

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

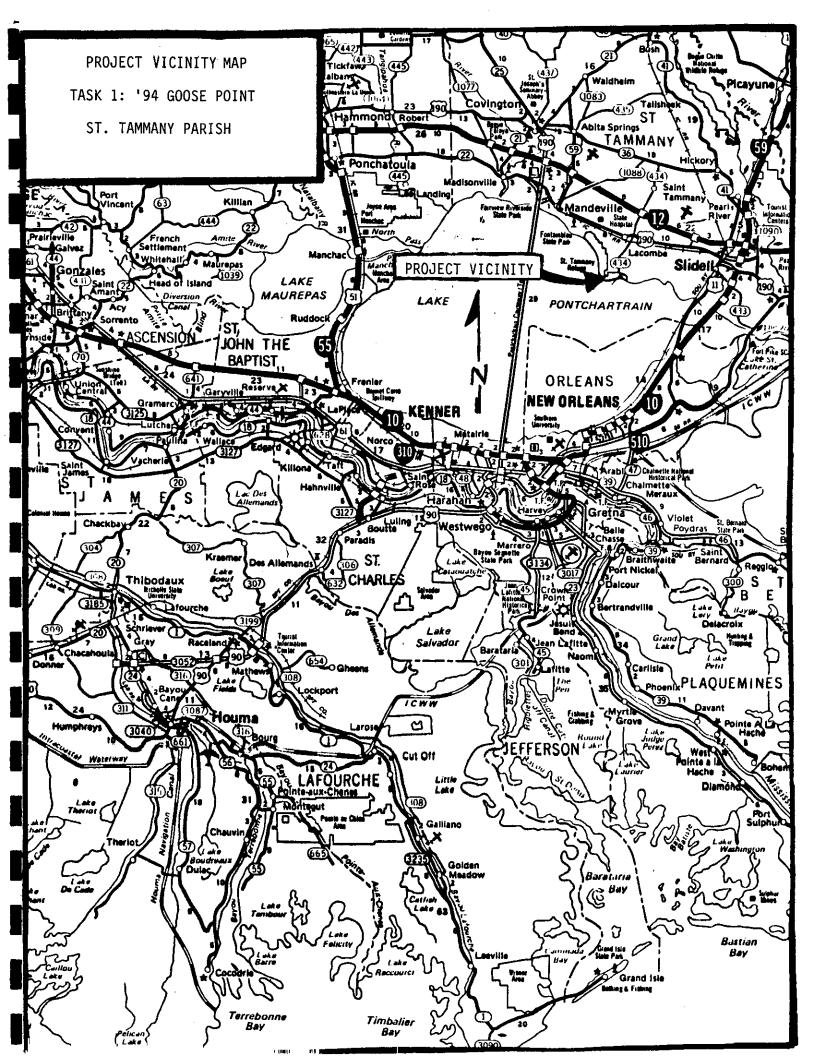
planting done in block configuration. 73% of all plants will be protected by a nutria exclusion fence made of 4' welded wire with 1"X2" mesh. Distance to be planted is 7,000' at acost of \$3,693.

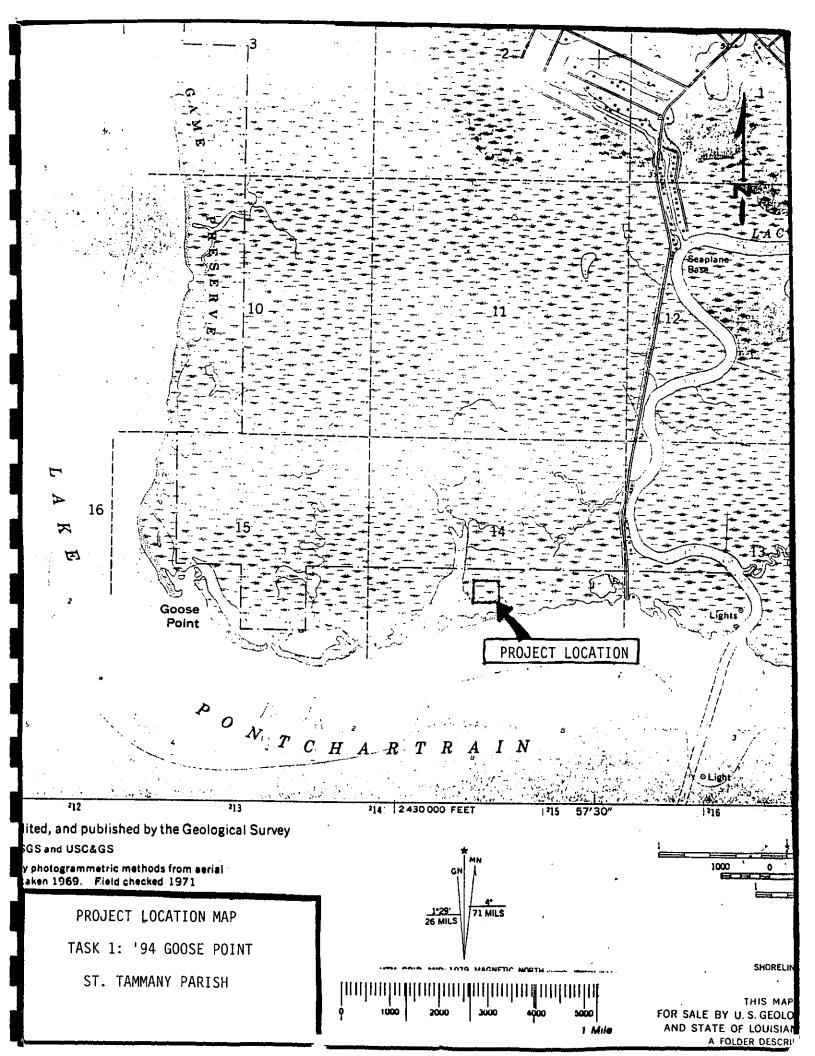
SWCD: BOGUE CHITTO - PEARL RIVER DISTRICT PROJECT NAME: GOOSE POINT 1A (SEASHORE PASPALUM)					
SITE EVALUATOR: T. B	EAUBOUEF, C. MIDK	IFF, J. BRADLEY, E		6-17-9:	
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT:	
SOILS ELEMENTS:		•			
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLICHTLY FLUID)	<0.7 (FIRM)		
TEXTURE	Sands, Gravels	PEATS, MUCKS	ALI. OTHER	0	
REACTION pH	<4.5 - >8.4	_	4.5-8.4	_0_	
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEC	_1_	
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<3.4)	_1	
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5		
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_	
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:	L				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0	
HERBIVORE POP.	HIGH	Medium	LOW	2	
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_ <u>_c</u>	
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6	

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

SWCD: BOGUE CHITTO - PEARL RIVER DISTRICT PROJECT NAME: GOOSE POINT 1B (SMOOTH CORDGRASS) SITE EVALUATOR: T. BEAUBOUEF, C. MIDKIFF, J. BRADLEY, B. MUSE DATE: 6-17-9					
SITE EVALUATOR: T. B	EAUBOUEF, C. MIDK	IFF, J. BRADLEY, E	MUSE DATE:	<u>6-17-9</u>	
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)	_1_	
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0_	
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0_	
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)	1_	
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0_	
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	1_	
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	0_	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0	
HERBIVORE POP.	HIGH	MEDIUM	LOW	2	
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0	
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6	

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





V- marsh (marshhay cordgrass)
0- smooth cordgrass
.- seashore paspalum

Thallow open water 100' segment segment#7 segment #9 segment 8. segment #3 segment Lake Pontchartrain

...~

TASK 1: '94 GOOSE POINT

ST. TAMMANY PARISH

FI.

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\*









#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_1\_

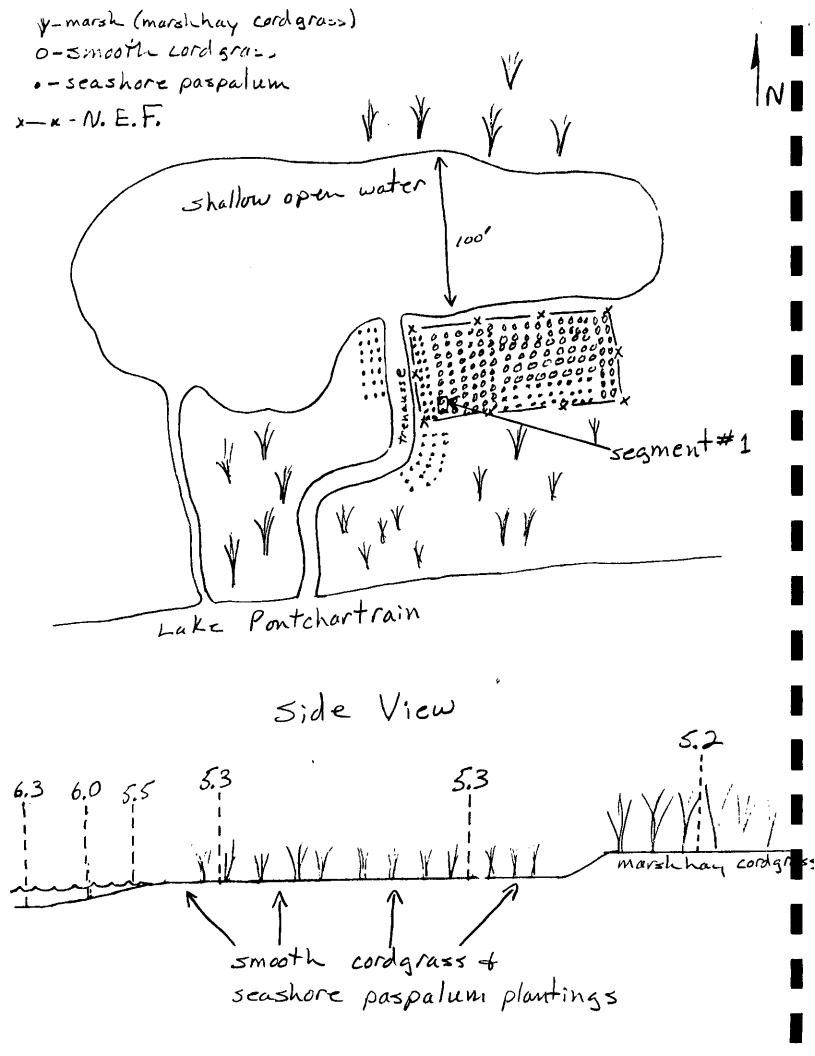
DATE OF PLANTING: 5/11/94

DATE OF MONITORING: 2/16/94

**DISTRICT:** Bogue Chitto-Pearl River

PARISH: St. Tammany

MONIT	ORS: Joey Breaux Tony Beaubouef Timothy Thomas	SEGMENT NO: 1		
ı.	BANK CONFIGURATION:			
	<ul><li>(A) Distance of Fetch: 100 feet</li><li>(B) Direction of Fetch; North</li><li>(C) Water Depth: 0-3 inches</li></ul>	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation</li><li>(F) Slope of Bank: 1:0</li></ul>	<b>n:</b> 6.3	
	Comments:Planting done on mudflat in in units are rod readings. Sketch			
ıı.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: N-S</li> <li>(B) Spacing in Rows: 4 feet</li> <li>(C) Distance from Bank: 8 ft. from</li> </ul>	(D) Spacing Between Rows: (E) Number of Rows:Block convest side of N.E.F		
	Comments: Segment I 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 muc	ck.		
٧.	SALINITY: 5.2 ppt			
WI.	WAVE ACTION:			
	(A) (*) wind and/or () boat (B) (*) light, () medium, ()	heavy		
	Comments: Open water to the north of grawith fetch of only 100 feet.	ass planting is shallow (i-15 inches)	)	
VII.	TRAFFICABILITY:			
	(*) good, ( ) moderate, ( ) poo	r, ( ) very poor		
	Comments:			
	-8-			



### SEGMENT SPECIFIC INFORMATION

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

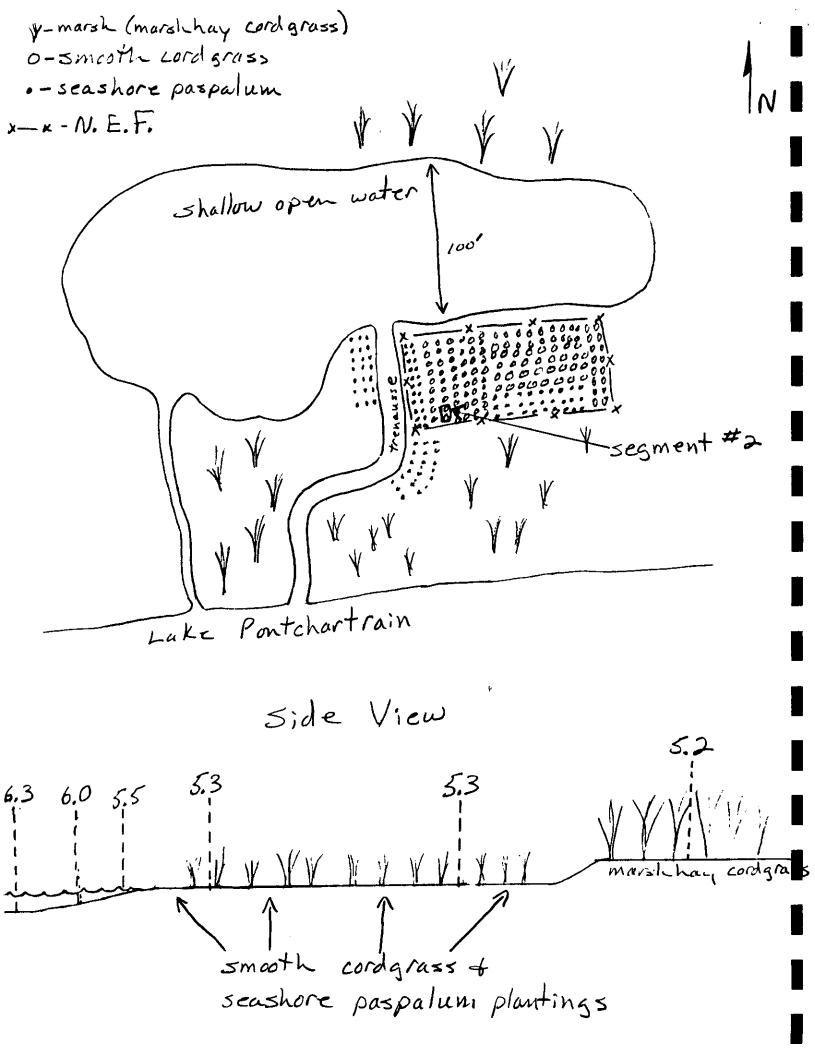
DATE OF MONITORING: 2/16/94

**DISTRICT:** Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARISH: St. Tammany

TIKON	T	oey Breaux Cony Beaubouef Cimothy Thomas	BEGMENT NO: 2
ı.	BANK	CONFIGURATION:	
	(B)	Distance of Fetch: 100 feet Direction of Fetch: North Water Depth: 0-3 inches	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation: 6.3</li><li>(F) Slope of Bank: 1:0</li></ul>
	Comm	nents:Planting done on mudflat i units are rod readings. Sko	n interior marsh. Elevation and level etch on back.
ıı.	PLAN	TING ALIGNMENT:	
	(A) (B) (C)	Direction of Rows: N-S Spacing in Rows: 4 feet Distance from Bank: 12 ft.	(D) Spacing Between Rows: 4 feet (E) Number of Rows: Block config. from west side of N.E.F
	Comm	nents:Segment #2 is planted in s	mooth cordgrass (Spartina alterniflora).
III.	(i.e 4 in #8 a		pe, etc.) A picture will be included and entire planting except segments
₩.	BALI	NITY: 5.2 ppt	
VI.	WAYE	ACTION:	
	(A) (B)	<pre>(*) wind and/or ( ) boa (*) light, ( ) medium,</pre>	
	Comm	with fetch of only 100 fe	grass planting is shallow (1-15 inches)
VII.	TRAF	FICABILITY:	
	(*)	good, () moderate, ()	poor, ( ) very poor
	Com	ments:	
		-9-	



### 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
MONITO	To	pey Breaux ony Beaubouef .mothy Thomas	<u>BEGM</u>	ENT_NO: 3
I.	BANK	CONFIGURATION:		-
	(B)	Distance of Fetch: 100 feet Direction of Fetch: North Water Depth: 0-3 inches	(D) (E) (F)	Pond Bottom Elevation: 6.3
	Comme	ants:Planting done on mudflat in inter units are rod readings.	ior ma	rsh. Elevation and level
II.	PLANT	ING ALIGNMENT:		
	(B)	Direction of Rows: N-S Spacing in Rows: 4 feet Distance from Bank: 16 ft. from wes	(E)	Number of Rows:Block config.
	Comme	ants: Segment #3 is planted in smooth of	cordgr	ass (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.	80ILE	(Type & Texture): Lafitte muck.	6 6 6	
₩.	BALIN	NITY: 5.2 ppt		
VI.	WAVE	ACTION:		
		(*) wind and/or () boat (*) light, () medium, () he	eavy	
	Comme	ents: Open water to the north of grass with fetch of only 100 feet.	plant	ing is shallow (1-15 inches)
VII.	TRAFI	PICABILITY:		
	(*)	good, () moderate, () poor,	( )	very poor
	Comme	ents:		
		-10-		

#### SEGMENT SPECIFIC INFORMATION

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

**DISTRICT:** Bogue Chitto-Pearl River

DATE OF PLANTING: 5/11/94

PARIB	M: St. Tammany	BEGMENT NO: 4		
MONIT	ORS: Joey Breaux Tony Beaubouef Timothy Thomas			
ı.	BANK CONFIGURATION:			
	<ul> <li>(A) Distance of Fetch: 100 feet</li> <li>(B) Direction of Fetch: North</li> <li>(C) Water Depth:0-3 inches</li> </ul>	(D) (E) (F)		
	Comments:Planting done on mudflat in in units are rod readings.	terior ma	rsh. Elevation and level	
II.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: N-S</li> <li>(B) Spacing in Rows: 4 feet</li> <li>(C) Distance from Bank: 20 ft. from</li> </ul>	(E)	Spacing Between Rows: 4 feet Number of Rows: Block config. le of N.E.F	
	Comments: Segment #4 is planted in smooth	th cordgr	ass (Spartina alterniflora).	
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: (i.e. material used, size, shape, etc.) A picture will be included inch welded wire N.E.F. encompassing entire planting except segments #8 and #10.			
IA.	SOILS (Type & Texture): Lafitte mu	ck.		
٧.	<b>SALINITY:</b> 5.2 ppt			
VI.	WAVE ACTION:			
	<pre>(A) (*) wind and/or ( ) boat (B) (*) light, ( ) medium, ( )</pre>	heavy		
	Comments: Open water to the north of gravith fetch of only 100 feet.	ass plant:	ing is shallow (1-15 inches)	
VII.	TRAFFICABILITY:			
	(*) good, ( ) moderate, ( ) poo	r, ()	very poor	
	Comments:			
	-11-			

# SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_1\_

DISTR	ICT: Bogue Chitto-Pearl River	DATE OF PLANTING: 5/12/94	
PARIS	H: St. Tammany	DATE OF MONITORING: 2/16/94	
MONIT	ORS: Joey Breaux Tony Beaubouef Timothy Thomas	<b>BEGMENT NO:</b> 5	
I.	BANK CONFIGURATION:		
	<ul> <li>(A) Distance of Fetch: 100 feet</li> <li>(B) Direction of Fetch: North</li> <li>(C) Water Depth: 0-3 inches</li> </ul>	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation: 6.3</li><li>(F) Slope of Bank: 1:0</li></ul>	
	Comments:Planting done on mudflat in in units are rod readings.	nterior marsh. Elevation and level	
II.	PLANTING ALIGNMENT:		
	<ul> <li>(A) Direction of Rows:E-W</li> <li>(B) Spacing in Rows: 4 feet</li> <li>(C) Distance from Bank: 4 ft. from</li> </ul>	(D) Spacing Between Rows: 4 feet (E) Number of Rows: Block config. north side of N.E.F	
	Comments: Segment #5 is planted in smo	oth cordgrass(Spartina alterniflora).	
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS: (1.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 m	ick.	
₩.	SALINITY: 5.2 ppt		
WI.	WAVE ACTION:		
	(A) (*) wind and/or () boat (B) (*) light, () medium, ()	heavy	
	Comments: Open water to the north of grant with fetch of only 100 feet.	eass planting is shallow (i-15 inches)	
VII.	TRAFFICABILITY:		
	(*) good, ( ) moderate, ( ) pos	or, ( ) very poor	
	Comments:		

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_1\_

DATE OF PLANTING: 5/12/94

DATE OF MONITORING: 2/16/94

**DISTRICT:** Bogue Chitto-Pearl River

PARISI	St.	Tammany	DATE	op monitoring: 2/16/94
MONITO	To	oey Breaux ony Beaubouef imothy Thomas	8EGMI	ENT NO: 6
ı.	BANK	CONFIGURATION:		
		Distance of Fetch: 100 feet Direction of Fetch; North Water Depth: 0-3 inches	(D) (E) (F)	
	Comm	ents:Planting done on mudflat in intermentation units are rod readings.	ior ma	rsh. Elevation and level
II.	PLAN	TING ALIGNMENT:		
		Direction of Rows: E-W Spacing in Rows: 4 feet Distance from Bank: 8 ft. from nor	(E)	
	Comm	ents: Segment #6 is planted in smooth c	ordgra	ass(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.	SOIL	8 (Type & Texture): Lafitte muck.	+ = =	
٧.	SALI	NITX: 5.2 ppt		
VI.	WAVE	ACTION:		
		<pre>(*) wind and/or ( ) boat (*) light, ( ) medium, ( ) he</pre>	eavy	
	Comm	ments: Open water to the north of grass with fetch of only 100 feet.	plant	ing is shallow (1-15 inches)
VII.	TRAF	PICABILITY:		
	(*)	good, () moderate, () poor,	( )	very poor
	Com	ments:		
		-13-		

#### 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		
MONIT	ORS: Joey Breaux Tony Beaubouef Timothy Thomas	<b>BEGMENT NO:</b> 7		
ı.	BANK CONFIGURATION:	·		
	<ul><li>(A) Distance of Fetch: 100 feet</li><li>(B) Direction of Fetch: North</li><li>(C) Water Depth: 0-3 inches</li></ul>	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation: 6.3</li><li>(F) Slope of Bank: 1:0</li></ul>		
	Comments:Planting done on mudflat in intuits are rod readings.	terior marsh. Elevation and level		
II.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: N-S</li> <li>(B) Spacing in Rows: 2' feet</li> <li>(C) Distance from Bank: 2 ft. inlan</li> </ul>			
	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 mu	ck.		
₹.	SALINITY: 5.2 ppt			
VI.	WAVE ACTION:			
	(A) (*) wind and/or ( ) boat (B) (*) light, ( ) medium, ( )	heavy		
	Comments: Open water to the north of gr with fetch of only 100 feet.	ass planting is shallow (1-15 inches)		
VII.	TRAFFICABILITY:			
	(*) good, ( ) moderate, ( ) poo	or, ( ) very poor		
	Comments:			

### SEGMENT SPECIFIC INFORMATION

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

DISTR	ICT: Bogue Chitto-Pearl River	DATE OF PLANTING: 5/12/94		
PARIS	H: St. Tammany	DATE OF MONITORING: 2/16/94		
MONITORS: Joey Breaux Tony Beaubouef Timothy Thomas		<b>SEGMENT NO:</b> 8		
ı.	BANK CONFIGURATION:	_		
	<ul><li>(A) Distance of Fetch: 100 feet</li><li>(B) Direction of Fetch: North</li><li>(C) Water Depth:0-3 inches</li></ul>	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation: 6.3</li><li>(F) Slope of Bank: 1:0</li></ul>		
	Comments:Planting done on mudflat in intunits are rod readings.	erior marsh. Elevation and level		
II.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: N-S</li> <li>(B) Spacing in Rows: 2 feet</li> <li>(C) Distance from Bank: 3 ft. inland</li> </ul>	(D) Spacing Between Rows: 2 feet (E) Number of Rows: Block config. from east edge of trenausse.		
	Comments: Segment #8 is planted in seash			
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 muc	۴ ۶ <u>-</u> k.		
٧.	SALINITY: 5.2 ppt			
VI.	WAVE ACTION:			
	(A) (*) wind and/or ( ) boat (B) (*) light, ( ) medium, ( )	heavy		
	Comments: Open water to the north of grawith fetch of only 100 feet.	ss planting is shallow (1-15 inches)		
VII.	TRAFFICABILITY:			
	(*) good, ( ) moderate, ( ) poor	( ) very poor		
	Comments:			

#### SEGMENT SPECIFIC INFORMATION

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

**DISTRICT:** Bogue Chitto-Pearl River

DISTRICT: Bogue Chitto-Pearl River		DATE OF PLANTING: 5/12/94		
PARIS	H: St. Tammany	DATE OF MONITORING: 2/16/94		
MONIT	CORS: Joey Breaux Tony Beaubouef Timothy Thomas	<b>BEGMENT NO:</b> 9		
ı.	BANK CONFIGURATION:			
	<ul><li>(A) Distance of Fetch: 100 feet</li><li>(B) Direction of Fetch: North</li><li>(C) Water Depth:0-3 inches</li></ul>	<ul><li>(D) Marsh Level: 5.2</li><li>(E) Pond Bottom Elevation: 6.3</li><li>(F) Slope of Bank: 1:0</li></ul>		
	Comments:Planting done on mudflat in int units are rod readings.	erior marsh. Elevation and level		
II.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: N-S</li> <li>(B) Spacing in Rows: 2 feet</li> <li>(C) Distance from Bank: 2 ft. from s</li> </ul>	(D) Spacing Between Rows: 2 feet (E) Number of Rows: Block config. outh side of N.E.F		
	Comments: Segment #9 is planted in seash	ore pasplum (Paspalum vaginatum).		
ıı.	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 muc	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		
₹.	SALINITY: 5.2 ppt			
VI.	WAVE ACTION:			
	(A) (*) wind and/or () boat (B) (*) light, () medium, ()	heavy		
	Comments: Open water to the north of grad with fetch of only 100 feet.	ss planting is shallow (1-15 inches)		
VII.	TRAFFICABILITY:			
	(*) good, ( ) moderate, ( ) poor	, ( ) very poor		
	Comments:			
	1.6			

#### SEGMENT SPECIFIC INFORMATION

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

**DISTRICT:** Bogue Chitto-Pearl River

Tony Beaubouef Timothy Thomas

PARISH: St. Tammany

MONITORS: Joey Breaux

DATE OF PLANTING: 5/12/94

**BEGMENT NO: 10** 

DATE OF MONITORING: 2/16/94

I.	BANK	CONFIGURATION:		
	(B)	Distance of Fetch: 100 feet Direction of Fetch: North Water Depth: 0-3 inches	(E)	Marsh Level: 5.2 Pond Bottom Elevation: 6.3 Slope of Bank: 1:0
	Comm	ents:Planting done on mudflat in interi units are rod readings.	or mai	rsh. Elevation and level
II.	PLAN	TING ALIGNMENT:		
	(B)	Direction of Rows: N-S Spacing in Rows: 2 feet Distance from Bank: 3 ft. inland fr	(E)	Spacing Between Rows: 2 feet Number of Rows: Block config. st side of trenausse.
	Comm	ents: Segment #10 is planted in seashore	e pasp	alum (Paspalum vaginatum).
III.	(i.e	RIBE WAVE STILLING DEVICE OR NUT . material used, size, shape, et ch welded wire N.E.F. encompassing entired #10.	c.)	A picture will be included.
IV.	80IL	8 (Type & Texture): Lafitte muck.	÷ ¥	
٧.	BALI	NITY: 5.2 ppt		
VI.	WAVE	ACTION:		
	(A) (B)	<pre>(*) wind and/or ( ) boat (*) light, ( ) medium, ( ) he</pre>	avy	
	Comm	ents: Open water to the north of grass with fetch of only 100 feet.	planti	ng is shallow (1-15 inches)
VII.	TRAF	PICABILITY:		
	(*)	good, () moderate, () poor,	( )	very poor
	Comm	ents:		

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/To (Note - Include a copy of all your notes and calculated)	<del></del>	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Spartina alterniflora
•	•	Smooth cordgrass
A. How many plants where originally pla	anted in this task?	3,000
B. How many plants where originally pla		
sample segment?		25
C. How many plants are living in this sar	mple 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 fo	or all the living	
plants found within the sample segment, e	enter total number	5
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of livin	the center of the ant. Make only e average lateral segment, total all plants within the	
that segment. Enter the average here		1/2 = .5 in.

#### NUISANCE DAMAGE

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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	Y

#### 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.

TASK # 1 ('94 Goose Point)		
SEGMENT # 2		
DISTRICT Bogue Chitto-Pearl River	DATE OF PLANTING	
PARISH St. Tammany	MONITORING DATE	7/8/94
INFORMATION PREPARED BY J. Breaux/T		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA"	TIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com-	mon name)	Spartina alterniflora
•		Smooth cordgrass
A. How many plants where originally plants	anted in this task?	3.000
B. How many plants where originally pla		
sample segment?		25
C. How many plants are living in this sar	mple 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	or all the living	
plants found within the sample segment,	enter total number	1
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	
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.

•	
TASK #_1 ('94 Goose Point)	
SEGMENT#_3	
DISTRICT Bogue Chitto-Pearl River DATE OF	PLANTING _5/11/94
PARISH St. Tammany MONITO	RING DATE _ 7/8/94
INFORMATION PREPARED BY J. Breaux/Tony Beaut	bouef
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH TH	us form)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	) <u>Spartina alt</u> erniflora
	Smooth cordgrass
A. How many plants where originally planted in th	
B. How many plants where originally planted in thi	
sample segment?	25
C. How many plants are living in this sample segment	ent? <u>22</u>
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 li	iving
plants found within the sample segment, enter total	number 6
3. To determine lateral spread, working with only living within the sample segment, measure from the center plant to the farthest living shoot of that plant. Make one measurement per plant. To determine average a spread for living plants within this sample segment, the lateral measurements for all the living plants with segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment and divide by the number of living plants with the sample segment.	r of the e only lateral total all thin the
that segment. Enter the average here	2/2 = 1 in.
<b>₩</b>	

### **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.

TASK # 1 ('94 Goose Point) SEGMENT # 4		
	DATE OF PLANTING _5/11/94	
PARISH St. Tammany	MONITORING DATE 7/8/94	
INFORMATION PREPARED BY J. Breaux /T		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	non name) Spartina	alterniflora
• • • • • • • • • • • • • • • • • • • •	Smooth co	<del></del>
A. How many plants where originally pla	· · · · · · · · · · · · · · · · · · ·	
B. How many plants where originally pla	· · · · · · · · · · · · · · · · · · ·	
sample segment?	25	
C. How many plants are living in this san		<del></del>
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?	•	
A. Excellent		
B. Good		
C. Fair	*	<del></del>
D. Poor		<del></del>
2. Count the total number of stems/shoots fo	r all the living	
plants found within the sample segment, e	——————————————————————————————————————	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only average lateral segment, total all plants within the	
that segment. Enter the average here	4/3 = 1	<u>.3</u> in.

#### **NUISANCE DAMAGE**

1. Was there damage from:	
A. Herbivores	
a) High	<u> </u>
b) Medium	<del></del>
c) Low	
d) None	<del></del>
B. Insects	
a) High	***************************************
b) Medium	
c) Low P	
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.

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 / (Note - Include a copy of all your notes and calcula		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Spartina alterniflora Smooth cordgrass
A. How many plants where originally pl	anted in this task?	3,000
B. How many plants where originally pl		
sample segment?		25
C. How many plants are living in this sa	mple 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	or all the living	
plants found within the sample segment,	enter total number	0
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only le average lateral e segment, total all plants within the	
that segment. Enter the average here	<b>*</b>	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.

TASK # 1 ('94 Goose Point)	
SEGMENT # 6	DATE OF PLANTING5/11/94
DISTRICT <u>Bogue Chitto-Pearl Ri</u> ver PARISH <u>St. Tammany</u>	MONITORING DATE 7/8/94
<del></del>	<del></del>
INFORMATION PREPARED BY J. Breaux / T (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATED)	<del></del>
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and comm	mon name) <u>Spartina alt</u> erniflo
	Smooth corderass
A. How many plants where originally pla	
B. How many plants where originally pla	
sample segment?	25
C. How many plants are living in this sar	· · · · · · · · · · · · · · · · · · ·
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	or all the living
plants found within the sample segment, e	enter total number18
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only se average lateral e segment, total all plants within the ng 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	<del></del>
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

٠.

Point)		
	D D	-110-1
	· · · · · · · · · · · · · · · · · · ·	
		7/8/94
MATION		
(scientific name and con	nmon name)	Paspalum vaginatum
	·	Seashore paspalum
plants where originally p	lanted in this task?	500
		50
	imple segment?	42
EASURE		·
a rate overall plant vigor?	•	
		*
number of stems/shoots i	for all the living	
ithin the sample segment,	enter total number	48
ple segment, measure from thest living shoot of that p ent per plant. To determing g plants within this sample surements for all the living	n the center of the plant. Make only ne average lateral e segment, total all g plants within the	
	<b>.</b>	82/5= 16.4 in.
	MATION I (scientific name and control plants where originally purent? plants are living in this sate and coverall plant vigor?  I number of stems/shoots in the sample segment, ateral spread, working with ple segment, measure from thest living shoot of that purent per plant. To determing plants within this sample surements for all the living should the living should be surements for all the living surements for all the	Chitto-Pearl River MONITORING DATE EPARED BY J. Breaux/Tony Beaubouef rofall YOUR NOTES AND CALCULATIONS WITH THIS FORM)  MATION I (scientific name and common name)  Plants where originally planted in this task? plants where originally planted in this ment? plants are living in this sample segment?  EASURE II rate overall plant vigor?  Internal spread, working with only living plants ple segment, measure from the center of the thest living shoot of that plant. Make only tent per plant. To determine average lateral g plants within this sample segment, total all surements for all the living plants within the vide by the number of living plants within the vide by the number of living plants within

٨.

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	<u> </u>

#### 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.

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/T (Note - Include a copy of all your notes and calculated)	<u> </u>	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	nmon name)	Paspalum vaginatum
• ,	·	Seashore paspalum
A. How many plants where originally p	lanted in this task?	500
B. How many plants where originally pl		
sample segment?		50
C. How many plants are living in this sa	imple segment?	21
PLANT PRODUCTIVITY MEASURE	_	·
1. How would you rate overall plant vigor?	•	
A. Excellent		<del></del>
B. Good		
C. Fair		*
D. Poor		
2. Count the total number of stems/shoots f	for all the living	
plants found within the sample segment,	enter total number	50
3. To determine lateral spread, working wit within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the plant. Make only ne average lateral e segment, total all g plants within the	
that segment. Enter the average here	<del></del>	29/4 = 7.25 in.

1. Was there damage from:	
A. Herbivores	
a) High	<u>*</u>
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	<u>*</u>

#### 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.

TASK # 1 ('94 Goose Point)		
SEGMENT # 9		
DISTRICT <u>Bogue Chitto-Pearl Ri</u> ver	DATE OF PLANTING	
PARISH St. Tammany	MONITORING DATE	7/8/94
INFORMATION PREPARED BY J. Breaux / T		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	THONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Paspalum vaginatum
	·	Seashore paspalum
A. How many plants where originally pl	anted in this task?	500
B. How many plants where originally plants		
sample segment?	•	50
C. How many plants are living in this sai	mple 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	or all the living	
plants found within the sample segment,	enter total number	40
3. To determine lateral spread, working with within the sample segment, measure from		
plant to the farthest living shoot of that p		
one measurement per plant. To determin	•	
spread for living plants within this sample	_	
the lateral measurements for all the living	-	
segment and divide by the number of living	ng plants within	
that ceament. Enter the average here		150/5 = 30.4n

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.

TASK # 1 ('94 Goose Point)		
SEGMENT # 10 DISTRICT Bogue Chitto-Pearl River	DATE OF DI ANTINIC	£/11/0/
PARISH St. Tammany	MONITORING DATE	
INFORMATION PREPARED By J. Breaux /	<del>_</del>	770774
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Paspalum vaginatum
	····•	Seashore paspalum
A. How many plants where originally pl	anted in this task?	500
B. How many plants where originally plants		
sample segment?		50
C. How many plants are living in this sai	mple 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	or all the living	
plants found within the sample segment,	enter total number	21
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	
that segment. Enter the average here		8/3 = 2.7 in.

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.

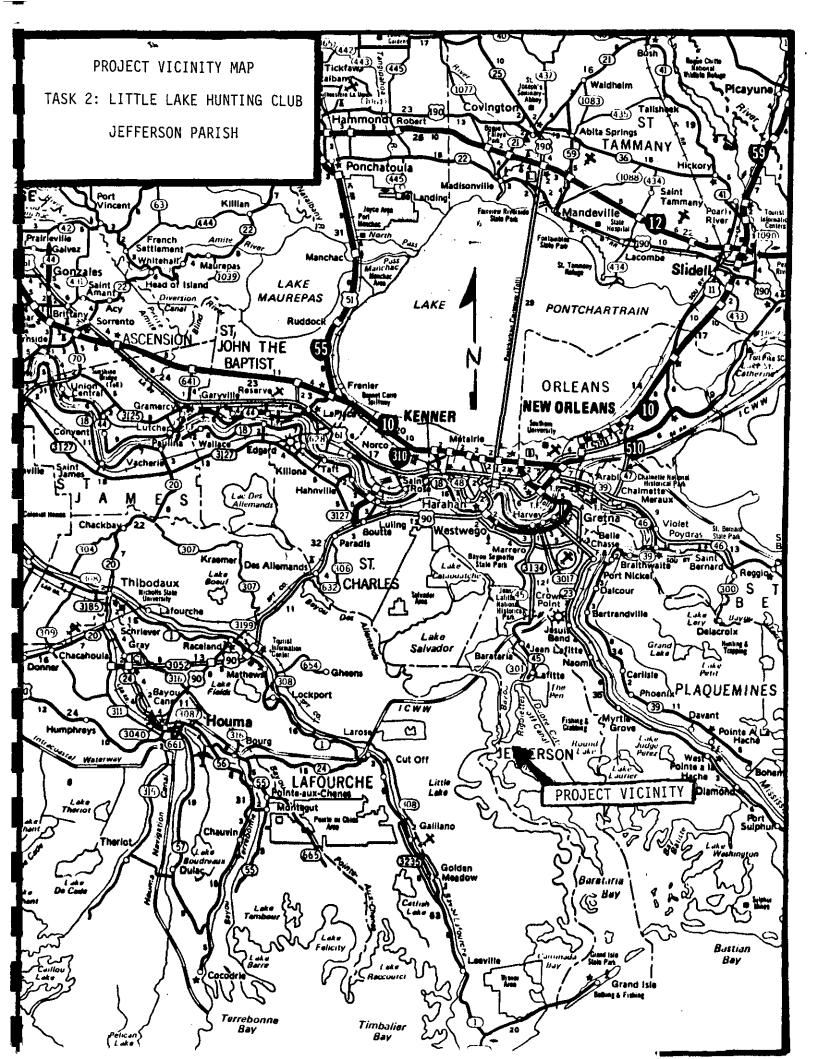
SWCD: CRESCENT DISTRICT PROJECT NAME: LITTLE LAKE HUNTING CLUB (SMOOTH CORDGRASS)				
SITE EVALUATOR: C. M				6/04/
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POIN
SOILS ELEMENTS:		•		
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2
TEXTURE	sands, gravels	PEATS, MUCKS	ALL OTHER	1
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0
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,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	2
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>o</u>
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	2_
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	<u> </u>
SHORE LINE FEATURES:				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	2_
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	<u>L</u>
HERBIVORE POP.	HIGH	MEDIUM	LOW	<u>_</u>
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	<u>v</u>

TOTALE - SEE DIANT LIST & PROCEED WITH CAUTION

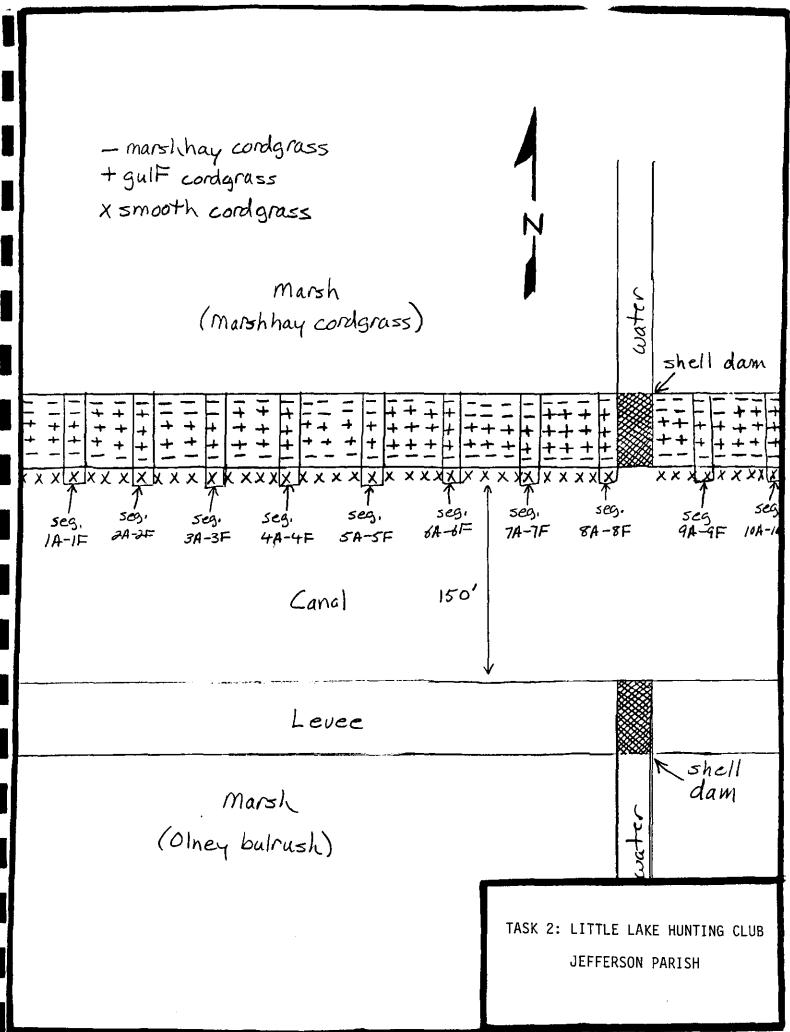
SWCD: CRESCENT DISTRICT

PROJECT NAME: <u>LITTLE</u> SITE EVALUATOR: <u>C. M</u>	LAKE HUNTING CLU		ROSSDATE: 6/04/9	93
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	<u>PO:</u>
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	<b>I</b> _
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	<u>o_</u>
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	2_
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	<u>o_</u>
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	<u>o_</u>
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	<u>o_</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>o</u> _
HERBIVORE POP.	HIGH	MEDIUM	LOW	i
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	<u>_</u>
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL_	3

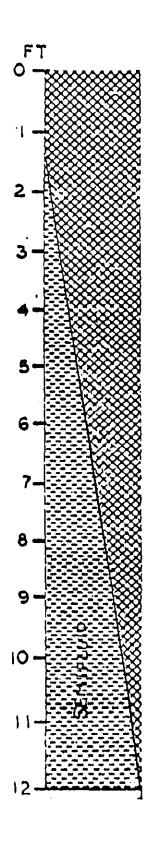
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION







#### 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 ses 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 Clovelyy 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**

## **BEGMENT SPECIFIC INFORMATION**

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

DATE OF PLANTING: 5/3/94

**DISTRICT:**Crescent

PARIS	H: Jefferson	DATE OF MONITORING: 5/3/94				
MONIT	CORS: Joey Breaux Jeff Jenkins	SEGMENT NO: 1A-10A				
ı.	BANK CONFIGURATION:					
	<ul><li>(A) Distance of Fetch: 150 feet</li><li>(B) Direction of Fetch: S</li><li>(C) Water Depth: 0-6 in.</li></ul>	<ul><li>(D) Marsh Level: 6.8</li><li>(E) Pond Bottom Elevation: 14.6</li><li>(F) Slope of Bank: 15:1</li></ul>				
	Comments: Pond bottom elevation is Elevation and level units	rod reading taken at bottom of canal. are rod readings.(sketch on back)				
II.	PLANTING ALIGNMENT:					
	<ul><li>(A) Direction of Rows: E-W</li><li>(B) Spacing in Rows: 5 ft.</li><li>(C) Distance from Bank: 1-6 in.</li></ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1				
	Comments: Segments: 1A-10A are plants same for segments 1A-10A,	ed in smooth cordgrass. Base data are the 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				
٧.	<b>SALINITY:</b> 3-7 ppt					
VI.	WAVE ACTION:					
	<pre>(A) (*) wind and/or (*) boa (B) () light, (*) medium,</pre>					
	Comments:					
VII.	TRAFFICABILITY:					
	( ) good, (*) moderate, ( )	poor, ( ) very poor				
	Comments:					
	3.5					

- marsichay colograss + gulf cordarass Marsh Elell x smooth cord grass dam Seg 4H Seg. SA Segon Seg. 7A Seg 8A 5eg.9# seg. 1A Seg. 2A) seg3A Canal 150 Ft. levee Marsh shell Side View north 7.5 6.3 4.5 4.2 4.5 8.9 8.1 RowA 8.3 Ft. Smooth cordgrass

# **BASE DATA**

## SEGMENT SPECIFIC INFORMATION

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

DISTR	Crescent Crescent	DATE OF PLANTING: 5/20/94
PARIS	H: Jefferson	DATE OF MONITORING: 5/4/94
HONIT	CORB: J. Breaux J. Jenkins	BEGMENT NO: 1B-10B
r.	BANK CONFIGURATION:	
	<ul> <li>(A) Distance of Fetch: 150 ft.</li> <li>(B) Direction of Fetch; S</li> <li>(C) Water Depth: 0</li> </ul>	<ul> <li>(D) Marsh Level: 6.8</li> <li>(E) Pond Bottom Elevation: NA</li> <li>(F) Slope of Bank: 1:1</li> </ul>
	Comments: Planting done on south slo approx. 15 in. above Mean w	pe of levee, which runs east to west, ater level. (sketch on back)
II.	PLANTING ALIGNMENT:	
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 2.5 ft.</li> <li>(C) Distance from Bank: 20 in. 1</li> </ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1 nland from water.
	Comments: Segments 18-10B planted in	marshhay cordgrass.
III.	DESCRIBE WAVE STILLING DEVICE O (1.e. material used, size, shap N.E.D.'s - 1" plastic mesh cages, 17"	e, etc.) A picture will be included.
IV.	SOILS (Type & Texture): Lafitte-	Clovelly association; Spoil levee.
₩.	SALINITY: soil salinity - 5 ppt	
VI.	WAVE ACTION:	
	(A) (*) wind and/or () boat (B) () light, () medium, (	) heavy
	Comments: Wave action on levee would be	e a problem only during a powerful storm.
VII.	TRAFFICABILITY:	
	(*) good, ( ) moderate, ( ) p	oor, () very poor
	Comments:	

- marshhay cordgrass + gulf cordigrass Marsh Shell x snissth cord grass dam seg 18 seg 28 seg 38 seg. 48 seg. 58 seg bb seg 7B seg.98 seg.8B seg 70t Canal 150 Ft. levee Marsh shell dam side View north 7.5 6.3 4.5 4.2 4.5 8.9 8.1 Row B 8.3 Ft. Marsh hay cord grass

# **BASE DATA**

## SEGMENT SPECIFIC INFORMATION

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

DISTR	ICT: Crescent	DATE OF PLANTING: 5/27/94	
PARIS	H: Jefferson	DATE OF MONITORING: 5/6/94	
MONIT	ORS:J. Breaux J. Jenkins	BEGMENT NO: 10~10C	
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 150 ft.</li><li>(B) Direction of Fetch; S</li><li>(C) Water Depth: 0</li></ul>	<ul><li>(D) Marsh Level: 6.8</li><li>(E) Pond Bottom Elevation:</li><li>(F) Slope of Bank: 6:1</li></ul>	NA
	Comments: Planting done on south slope above mean water level. (sket	of levee, near the top, approx. 24 in. ch on back)	
II.	PLANTING ALIGNMENT:		
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 2.5 ft.</li> <li>(C) Distance from Bank: 4-5 ft. in</li> </ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1	<b>\</b>
	Comments: Segments 1C-10C are planted i	n gulf cordgrass.	
III.	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape N.E.D.'s - 1" plastic mesh cages, 17"X4"	, etc.) A picture will be inclu	ded
IV.	SOILS (Type & Texture): Lafitte- C	lovelly association; Spoil levee.	
₹.	SALINITY: soil salinity 5 ppt		
AI.	WAVE ACTION:		
	(A) (*) wind and/or () boat (B) () light, () medium, (	) heavy	
	Comments: Wave action produced by wind powerful storm.	would be a problem only during a	
AII.	TRAFFICABILITY:		
	(*) good, () moderate, () po	or, ( ) very poor	
	Comments:		

- marsluhay cordarass + gulf cordarass Marsh Shell x sniooth cord grass dam XXXX sagic segal segal seg. 46 seg. 50 segal seg. 76 seg.86 seg.qc Canal 150 Ft. levee Marsh shell Jide View north. 7.5 6.3 4.5 4.2 4.5 8.9 8.1 Row C Gulf cordgrass 8.3 Ft.

# **BASE DATA**

## SEGMENT SPECIFIC INFORMATION

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

PARISH: Jefferson		ICT: Crescent	DATE OF PLANTING: 6/8/94  DATE OF MONITORING: 5/6/94				
		H: Jefferson					
	HONIT	ORS: J. Breaux J. Jenkins	SEGMENT NO: 1D-10D				
	ı.	BANK CONFIGURATION:					
		<ul><li>(A) Distance of Fetch: 150 ft.</li><li>(B) Direction of Fetch; S</li><li>(C) Water Depth: 0</li></ul>	<ul> <li>(D) Marsh Level: 6.8</li> <li>(E) Pond Bottom Elevation: NA</li> <li>(F) Slope of Bank: 1:0</li> </ul>				
		Comments: Planting done on topmost part of mean water level (sketch on back					
	II.	PLANTING ALIGNMENT:					
		<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 2.5 ft.</li> <li>(C) Distance from Bank: 8 ft. inland</li> </ul>	(D) Spacing Between Rows:NA (E) Number of Rows:1				
		Comments: Segments 1D-10D are planted in gulf cordgrass.					
	III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape, N.E.D.'s - 1" plastic mesh cages, 17"X4"	etc.) A picture will be included	d.			
	IA.	SOILS (Type & Texture): Lafitte- Clo	lovelly association; Spoil levee.				
	₹.	<b>SALINITY:</b> 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	r, ( ) very poor				
		Comments:					

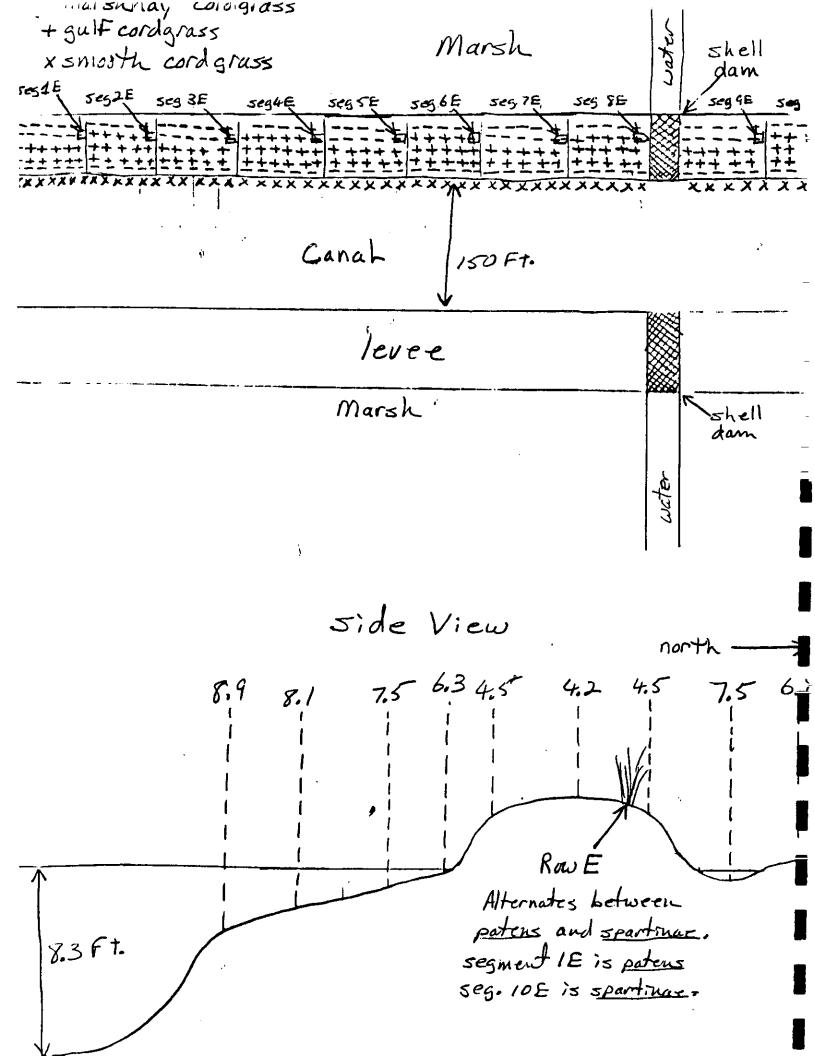
-marshhay cordgrass + gulf cordigrass Marsh Shell x smooth cord grass dam seg 2D seg, 3D seg 4D seg 5D seg 6 D seg 7D seg&D seg 9D 15 ID Canal 150 Ft. levee Marsh shell Side View north -8.9 8.1 7.5 6.3 4.5 4.2 4.5 7.5 Row D Gulf cordgrass 8.3 Ft.

# BASE DATA

# SEGMENT SPECIFIC INFORMATION

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

	. •	•		
DISTR	ICT: Crescent	DATE OF PLANTING:6/17/94		
PARISH: Jefferson		DATE OF MONITORING: 5/10/94		
HONIT	ORS:J. Breaux J. Jenkins	BEGMENT NO: 1E-10E		
ı.	BANK CONFIGURATION:	·		
	<ul><li>(A) Distance of Fetch: NA</li><li>(B) Direction of Fetch: NA</li><li>(C) Water Depth: 0</li></ul>	<ul><li>(D) Marsh Level: 6.8</li><li>(E) Pond Bottom Elevation: NA</li><li>(F) Slope of Bank: 6:1</li></ul>		
	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:			
	(B) Spacing in Rows: 2.5 ft.	(D) Spacing Between Rows: NA (E) Number of Rows: 1 inland from marsh side (north) of levee.		
	Comments: Segments 1E-10E alternate 1E-marshhay, 2E-gulf cord.	between marshhay cordgrass and gulf cordgrass.		
III.	(i.e. material used, size, sha	OR NUTRIA EXCLUSIONS: pe, etc.) A picture will be included 7"X4" dia., anchored with 3/8" bamboo.		
IV. SOILS (Type & Texture): Lafitte-Clovelly association;  V. SALINITY: soil salinity 5ppt		-Clovelly association; Spoil levee.		
VI.	WAVE ACTION:			
	(A) (*) wind and/or () boa (B) (*) light, () medium,	t ( ) heavy		
	Comments:			
VII.	TRAFFICABILITY:			
	(*) good, () moderate, () poor, () very poor			
	Comments:			



# **BASE DATA**

#### SEGMENT SPECIFIC INFORMATION

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

PARISH: Jefferson  MONITORS: J. Breaux J. Jenkins		ferson	DATE OF MONITORING: 5/11/94  BEGMENT NO: 1F-10F	
ı.	BANK	CONFIGURATION:		
	(B)	Distance of Fetch: NA Direction of Fetch; NA Water Depth: 0	<ul><li>(D) Marsh Level: 6.8</li><li>(E) Pond Bottom Elevat</li><li>(F) Slope of Bank: 1:1</li></ul>	ion: NA
	Comm	ents:Planting done on north slope (sketch on back)	e of levee, away from open water.	
II.	PLAN	TING ALIGNMENT:		
	(A) (B) (C)	Direction of Rows: E-W Spacing in Rows: 2.5 ft. Distance from Bank: 20 in.	(E) Number of Rows:1	s: NA
	Comm	ents: Segments 1F-10F are plante	l in marshhay cordgrass.	
ııı.		RIBE WAVE STILLING DEVICE (	OR NUTRIA EXCLUSIONS:	
			ne, etc.) A picture will be i "X4" dia., anchored with 3/8" bamboo	
IV.	N.E.	D.¦s - l" plastic mesh cages, l?	ne, etc.) A picture will be i	
IV.	N.E.	D.¦s - l" plastic mesh cages, l?	ne, etc.) A picture will be i	
٧.	BOIL	D.'s - 1" plastic mesh cages, 17  S (Type & Texture): Lafitte	ne, etc.) A picture will be i	
٧.	BALI WAVE	S. (Type & Texture) Lafitte	"X4" dia., anchored with 3/8" bamboo	
٧.	BALI WAVE	S (Type & Texture): Lafitted  NITY: soil salinity 5 ppt  ACTION:  (*) wind and/or ( ) board	"X4" dia., anchored with 3/8" bamboo	
A1.	BOIL BALI WAVE (A) (B)	S (Type & Texture): Lafitte  NITY: soil salinity 5 ppt  ACTION:  (*) wind and/or ( ) boat (*) light, ( ) medium,	"X4" dia., anchored with 3/8" bamboo	
A.	BALI WAVE (A) (B) Comm	S (Type & Texture): Lafitte  NITY: soil salinity 5 ppt  ACTION:  (*) wind and/or () boar (*) light, () medium,  ents:	Te, etc.) A picture will be in the inverse with 3/8" bamboo with 3/8" bamb	

-marshhay cordgrass + gulf cordigrass Marsh shell x sniooth cord grass dam seg 15 seg 25 seg 35 segiff segiF seg.9F seg4E segs E Canal 150 Ft. levee Marsh shell dam Side View north 7.5 6.3 4.5 4.2 4.5 8.9 8.1 RowF Marsh hay cordgrass 8.3 Ft.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 1A	
	OF PLANTING5/3/94
	TTORING DATE 8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bo	<u>lo</u> tte
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WI	INTRICTOR)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common na	spartina <u>alte</u> rniflora
1. Species Flances (seconditie mails and community	Smooth cordgrass
A Thurs manner alama subsect anish all aller alamani i	
A. How many plants where originally planted i	
B. How many plants where originally planted i	n this
sample segment?	
C. How many plants are living in this sample a	egment? <u>20</u>
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	<u> </u>
C. Fair	
D. Poor	<del></del>
D. Pod	
2. Count the total number of stems/shoots for all t	
plants found within the sample segment, enter to	otal number 18
3. To determine lateral spread, working with only within the sample segment, measure from the capiant to the farthest living shoot of that plant. It one measurement per plant. To determine average spread for living plants within this sample segment the lateral measurements for all the living plants.	enter of the Make only age lateral ent, total all swithin the
segment and divide by the number of living plan	8/2 4 inches
that segment. Enter the average here	O/L 4 Inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	Χ
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
C. Discase	
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

TASK # 2 (Little Lake Hunting Club) SEGMENT# 18	
DISTRICT Crescent SWCD DATE OF PLANTING	5/4/94 ,
PARISH Jefferson MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(MOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS EVEN)	
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 acgment?	30
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	X
C. Fair	<del></del>
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	5/3 1/9 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants	s) specify
the source	Drought
a) High	X
b) Medium	
c) Low	445-4
d) None	

#### 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.

	8/3/94
IX/A. Bolotte DEATHURS WITH THIS FORM)	
ommon name)	Spartina spartinae Gulf cordgrass
planted in this task?	10,000
planted in this	40
sample segment?	29
r?	
	X
s for all the living	54
om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the ving plants within	6/5 1.2 inches
	planted in this task? planted in this sample segment?  r?  r for all the living at, enter total number with only living plants om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the

Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	Drought
a) High	X
b) Medium	
c) Low	
d) None	

#### 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.

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 1D DISTRICT Crescent SWCD	DATE OF PLANTING	5/10/94
PARISH Jefferson	MONTTORING DATE	8/3/94
INFORMATION PREPARED BY J. Breau) (Note - Include a copy of all your notes and cause)	<th></th>	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and cor	mmon name)	<u>Spartina spa</u> rtinae <u>Gulf cordgra</u> ss
A. How many plants where originally j	planted in this task?	10,000
B. How many plants where originally p	•	
sample segment?		40
C. How many plants are living in this s	ample segment?	28
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 plants found within the sample segment	_	58
3. To determine lateral spread, working within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living plants.	om the center of the plant. Make only inc average lateral ple segment, total all ng plants within the	
that segment. Enter the average here		3/5 .6 inches

Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	-
c) Low	
d) None	
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) specif	у
the source	Drought
a) High	X
b) Medium	
c) Low	44
d) None	

#### COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 1E DISTRICT Crescent SWCD	DATE OF PLANTING.	5/13/94
PARISH Jefferson	MONTTORING DATE	· — · · · · · · · · · · · · · · · · · ·
INFORMATION PREPARED BY J. Breau (NOTE - DESCRIBE A COPY OF ALL YOUR NOTES AND CALCE)		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	Spartina patens
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Marshhay cordgrass
A. How many plants where originally	planted in this task?	10,000
B. How many plants where originally	=	
sample segment?	pienies in une	40
C. How many plants are living in this	sample segment?	11
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor	r?	
A. Excellent		
B. Good		X
C. Fair		
D. Poor		
2. Count the total number of stems/shoots plants found within the sample segmen		5
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	om the center of the plant. Make only tine average lateral ple segment, total all ng plants within the	0/2 0 inches

Was there damage from:		
A. Herbivores		
a) High	X	
b) Medium		
c) Low		
d) None		_
B. Insects		
a) High		
b) Medium		
c) Low		
d) None	X	_
C. Disease		
a) Hìgh		
b) Medium		
c) Low		
d) None	<u> </u>	
D. Other (e.g. water debris, foot traff	fic, floating plants) specify	
the source	<u>Drought</u>	
a) High	X	
b) Medium		
c) Low		
d) None		

#### COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 1F		_ 4 4
DISTRICT Crescent SWCD	DATE OF PLANTING_	
PARISH Jefferson	MONITORING DATE _	8/3/94
INFORMATION PREPARED BY J. Breaux/	4. Bolotte	
TAJULLUM SATUR RUUY ALA 10 YOUD A MULLUMI - HTOR)	rous milhilm? form)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	non name)	Spartina patens
-		Marshhay cordgrass
A. How many plants where originally pla	nted in this task?	10,000
B. How many plants where originally pla		
sample segment?		40
C. How many plants are living in this san	nple 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 fo	r all the living	
plants found within the sample segment, e	inter total number	<u>15</u>
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living	the center of the ant. Make only caverage lateral segment, total all	
segment and divide by the number of livin that segment. Enter the average here	<del>-</del>	7/3 2.3 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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	Drought
a) High	<u> </u>
b) Medium	
c) Low	
d) None	

#### 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.

TASK # 2 (Little Lake Hunting Club)		
SEGMENT # 2A DISTRICT Crescent SWCD	DATE OF PLANTING	5/17/94
PARISH Jefferson	MONITORING DATE	
INPORMATION PREPARED BY J. Breau	x/A. Bolotte	
(NOTE - INCLUDE A COPY OF ALL YOUR NUTS AND CALCE		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	Spartina alterniflora Smooth cordgrass
A. How many plants where originally	planted in this task?	2,000
B. How many plants where originally	-	
sample segment?		20
C. How many plants are living in this	sample segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	r?	
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 segmen	it, enter total number	47
3. To determine lateral spread, working we within the sample segment, measure fre plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the	
segment and divide by the number of 11 that segment. Enter the average here	Attif himira mirimi	20/2 10 inches
mine additions with sub-Madiello noto		

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	<del></del>
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.

TASK# 2 (Little Lake Hunting Club)	
SEGMENT# 2B	5/17/0/
	TINO <u>5/17/94</u>
PARISH Jefferson MONITORING D	ATE8/3/94
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)	<u>Spartina pat</u> ens
•	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?	17
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	er <u>15</u>
3. To determine lateral spread, working with only living plan 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 at 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	e L all

Was there damage from:     A. Herbivores	
a) High	¥
b) Medium	
c) Low	
d) None	
<b>4)</b>	1987
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) s	pecify
the source	Drought
a) High	
b) Medium	Х
c) Low	
d) None	

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 2C DISTRICT Crescent SWCD	DATE OF PLANTING	5/17/94
	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A	Bolotte	
(NOTE - INCLUDE A CUPY OF ALL YOUR NOTES AND CALCULATED	INF WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	on name)	<u>Spartina spa</u> rtinae
•	•	Gulf cordgrass
A. How many plants where originally plat	nted in this task?	10,000
B. How many plants where originally plan		<del></del>
sample segment?		40
C. How many plants are living in this sam	ple segment?	32
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, er	tter total number	62
3. To determine lateral spread, working with a within the sample segment, measure from plant to the farthest living shoot of that pla one measurement per plant. To determine	the center of the	
spread for living plants within this sample:	_	
the lateral measurements for all the living page 10 segment and divide by the number of living		
that segment. Enter the average here	•	<u>9/6 2.2 inc</u> hes

1. Was there damage from:	
A. Herbivores	•
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
C. Discase	
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

TASK # 2 (Little Lake Hunting Club) SEGMENT# 20		5/17/04
<u> </u>	DATE OF PLANTING	
PARISH <u>Jefferson</u> INFORMATION PREPARED BY J. Breaux/A	MONITORING DATE	8/3/94
(MOLE - INCOMEN COMA OF WIT ARM UNITER WAS CHICATALL THE CHANGE OF PLANT OF		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	ion name)	Spartina spartinae
	, , , , , , , , , , , , , , , , , , ,	Gulf cordgrass
A. How many plants where originally plan	nred in this task?	10,000
B. How many plants where originally plants		10,000
sample segment?	Men in mil	40
C. How many plants are living in this sam	pie segment?	24
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		X
C. Fair		<del></del>
D. Poor		
<ol><li>Count the total number of stems/shoots for plants found within the sample segment, et</li></ol>		17
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pla one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living pagment and divide by the number of living	the center of the ont. Make only average lateral segment, total all plants within the	
that segment. Enter the average here		3/2 1.5 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	·
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	V-
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) spe	cify
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.

TASK # 2 (Little Lake Hunting Club)	
SEGMENT# 2E	
	NTING 5/17/94
PARISH <u>Jefferson</u> MONITORING	DATE 8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(MO19 - INCLUDE A COPY OF ALL YOUR BUD CALCULATIONS WITH THE YOU	м)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina spa</u> rtinae
•	Gulf cordarass
A. How many plants where originally planted in this tas	
B. How many plants where originally planted in this	
sample segment?	40
C. How many plants are living in this sample segment?	23
C. 1704 timis hand mant in the smile of them.	
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 of stems/shoots for all the living	_
3. To determine lateral spread, working with only living pl within the sample segment, measure from the center of t plant to the farthest living shoot of that plant. Make onl one measurement per plant. To determine average latera spread for living plants within this sample segment, total the lateral measurements for all the living plants within that segment and divide by the number of living plants within that segment. Enter the average here	he y ai all he

1.

Was there damage from:	
A. Herbivores	
a) High	X
b) Medium c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 2F DISTRICT Crescent SWCD	DATE OF PLANTING	5/17/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Brea (Note - Include a copy of all your notes and calc	ux/A. B <u>olo</u> tte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and c	ommon name)	Spartina patens Marshhay cordgrass
A. How many plants where originally B. How many plants where originally sample segment?	- <del>-</del>	10,000
C. How many plants are living in this	sample segment?	7
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo A. Excellent B. Good C. Fair D. Poor	or?	X
<ol><li>Count the total number of stems/shoo plants found within the sample segme</li></ol>	<del>-</del>	2
3. To determine lateral spread, working within the sample segment, measure f plant to the farthest living shoot of the one measurement per plant. To determine a spread for living plants within this same the lateral measurements for all the living general and divide by the number of that segment. Enter the average here	rom the center of the at plant. Make only mine average lateral uple segment, total all ring plants within the	0/1 0 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	<del></del>
d) None	
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) specif	•
the source	
a) High	
h) Medium	
c) Low	
d) None	X

TASK # 2 (Little Lake Hunting Club)	
SEGMENT# 3A	
DISTRICT Crescent SWCD DATE OF PLANTING	5/20/94
PARISH <u>Jefferson</u> MONITORING DATE	8/3/94
INPORMATION PREPARED BY J. Breaux/A. Bolotte	
(NOTE - INCLUME A COPY OF ALL YOUR MUDS AND CALCULATIONS WITH THE 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	X
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	9/2 4.5 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	_
d) None	χ
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 3B		
DISTRICT Crescent SWCD	DATE OF PLANTING	5/20/94
PARISH Jefferson	MONITORING DATE	
INPORMATION PREPARED BY J. Breau (Note - Include a court of all your notes and calculated)	X/A. Bolotte LATRUMS WITH THIS TURM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	<u>Spartina pat</u> ens Marshhay cordgrass
A. How many plants where originally	planted in this task?	10,000
B. How many plants where originally sample segment?	planted in this	40
C. How many plants are living in this	sample segment?	34
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor	r?	
A. Excellent		<del></del>
B. Good		X
C. Fair		·
D. Poor		
<ol><li>Count the total number of stems/shoots plants found within the sample segmen</li></ol>		63
3. To determine lateral spread, working we within the sample segment, measure for plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living plants.	om the center of the plant. Make only since average lateral ple segment, total all ng plants within the	
that segment. Enter the average here		6/5 1.2 inches

1. Was there damage from:	
A. Herbivores	
a) High	V
b) Medium	
c) Low d) None	
a) 11011C	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT # 3C DISTRICT Crescent SWCD	DATE OF PLANTING	5/20/94
PARISH Jefferson	MONITORING DATE	2/3/94
INFORMATION PREPARED BY J. Breau (Note - Include a copy of all your mother and calculated)	x/A. Bolotte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	<u>Spartina spa</u> rtinae <u>Gulf cordgra</u> ss
A. How many plants where originally B. How many plants where originally sample segment?	planted in this	10,000 40 40
C. How many plants are living in this	ample segment?	40
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor A. Excellent B. Good C. Fair D. Poor	r?	X
<ol><li>Count the total number of stems/shoots plants found within the sample segment</li></ol>	<del>-</del>	102
3. To determine lateral spread, working we within the sample segment, measure for plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living segment and divide by the number of little segment. Here the average here	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the ving plants within	10/5 2 inches

1. Was there damage from:	
A. Herbivares	
a) High	
b) Medium	Х
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
C. Discase	
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	<del></del>
d) None	X

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 3D		5 100 10 t
DISTRICT Crescent SWCD	DATE OF PLANTING	
PARISH Jefferson	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Breau (NOTE: - INCLUDE A CUPY OF ALL YOUR MUDIS AND CALCU	X/A. BOIOTTE	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	S <u>partina spar</u> tinae
•		Gulf cordgrass
A. How many plants where originally	planted in this task?	10,000
B. How many plants where originally	<del>-</del>	
sample segment?	<b>FILLION</b> WILL	40
C. How many plants are living in this	ample segment?	40
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 sterns/shoots	for all the living	
plants found within the sample segmen	<del>-</del>	84
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living plants.	om the center of the plant. Make only ine average lateral ple segment, total all ng plants within the	
that segment. Enter the average here	· ····································	9/4 2.2 inches
mint sekinetiff blingt nic baciatic light		

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Х
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

TASK # 2 (Little Lake Hunting Club) SEGMENT# 3E	
Open	PLANTING
	RING DATE 8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bolot (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THE	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name	Spartina patens Marshhay cordgrass
A. How many plants where originally planted in th B. How many plants where originally planted in th	is task? 10,000
sample segment?  C. How many plants are living in this sample segments.	40 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 I plants found within the sample segment, enter total	<del></del>
3. To determine lateral spread, working with only living within the sample segment, measure from the center plant to the farthest living shoot of that plant. Make one measurement per plant. To determine average spread for living plants within this sample segment, the lateral measurements for all the living plants with segment and divide by the number of living plants with the segment and divide by the number of living plants with the segment and divide by the number of living plants with the segment and divide by the number of living plants with the sample segment.	or of the secondly lateral, total all thin the within
that segment. Enter the average here	9/4 2.2 inches

1. Was there damage from:	
A. Herbivores	v
a) High	<u> </u>
b) Medium	·
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	<del></del>
c) Low	
d) None	X
<b>6)</b> 11000	
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) Noon	X

TASK # 2 (Little Lake Hunting Club) SEGMENT# 3F		
DISTRICT Crescent SWCD	DATE OF PLANTING _	
PARISH <u>Jefferson</u>	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Bread (North - Include a copy of ALL YOUR NOTES AND CALC	ux/A. Bolotte ulations with this form)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	ommon name)	<u>Spartina pat</u> ens <u>Marshhay cor</u> dgrass
A. How many plants where originally B. How many plants where originally sample segment?		40
C. How many plants are living in this	sample segment?	19
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo A. Excellent	or?	
B. Good		X
C. Fair D. Poor		
2. Count the total number of stems/shoot plants found within the sample segme	<del></del>	62
3. To determine lateral spread, working within the sample segment, measure f plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living plants and divide by the number of that segment. Enter the average here	rom the center of the at plant. Make only mine average lateral apple segment, total all ving plants within the	7/4 1.8 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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	<del></del>
d) None	Х

SEGMENT# 4A	Dame on Dr. America	5/25/04
DISTRICT Crescent SWCD PARISH Jefferson	DATE OF PLANTING MONITORING DATE	
INFORMATION PREPARED BY J. Breau	x/A. Bolotte	
(MOIR - INCITION Y COMA ON WIT ADOLE HOLP? WHO CATCO	(MOLESHERIN BRUEFAL	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	<u>Spartina alterniflora</u> <u>Smooth cordq</u> rass
A. How many plants where originally  B. How many plants where originally sample segment?	<del>-</del>	2,000
C. How many plants are living in this	sample segment?	18
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo A. Excellent B. Good C. Fair D. Poor	r?	X
2. Count the total number of stems/shoot plants found within the sample segment		19
3. To determine lateral spread, working we within the sample segment, measure frequent to the farthest living shoot of that one measurement per plant. To determ apread for living plants within this same the lateral measurements for all the living segment and divide by the number of lithat segment. Enter the average here	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the	<u>13/2 6.5 in</u> ches

1. Was there damage from:	
A. Herbivares	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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.

5/25/94
8/3/94
<u>Spartina pate</u> ns Marshhay <u>cor</u> dgrass
10,000
40
13
<u> </u>
12
4/4 1 inch

Was there damage from:     A. Herbivores	
a) High	v
b) Medium	<u> </u>
•	
c) Low d) None	
d) Holls	
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	y
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT # 4C		
DISTRICT Crescent SWCD	DATE OF PLANTING	5/25/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Breat Mote - Include a copy of all your nums and calco	IX/A. Bolotte ULATIONS WITHTHISTORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	ommon name)	<u>Spartina spa</u> rtinae <u>Gulf cordgra</u> ss
A. How many plants where originally B. How many plants where originally sample segment?	planted in this	10,000 40
C. How many plants are living in this	sample segment?	17
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo A. Excellent B. Good C. Fair	or?	
D. Poor		X
2. Count the total number of stems/shoot plants found within the sample segmen	<del>-</del>	8
3. To determine lateral spread, working within the sample segment, measure fit plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this sam the lateral measurements for all the living plants and divide by the number of lithat segment. Enter the average here	rom the center of the t plant. Make only nine average lateral indexegment, total all ing plants within the	2/2 1 inch

1. Was there damage from:	
A. Herbivores	
a) High	χ
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	Х
D. Other (e.g. water debris, foot traffic, floating plants) specify	1
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.

TASK # 2 (Little Lake Hunting Club)	
SEGMENT# 4D  DISTRICT Crescent SWCD DATE (	<b>OF PLANTING</b> 5/25/94
	ORING DATE 8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bold (North-Inchalled Active of ALL YOUR NUITES AND CALCULATIONS WITH	tte
PLANT SURVIVAL INFORMATION	
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 sample segment?	
C. How many plants are living in this sample seg	7
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	<del></del>
B. Good	·
C. Fair	····
D. Poor	<u> </u>
2. Count the total number of stems/shoots for all the plants found within the sample segment, enter tot	-
3. To determine lateral spread, working with only li- within the sample segment, measure from the cen plant to the farthest living shoot of that plant. Me one measurement per plant. To determine averag spread for living plants within this sample segment the lateral measurements for all the living plants of segment and divide by the number of living plants that segment. Enter the average here	ater of the ake only ge lateral nt, total all within the

1. Was there damage from:	
A. Herbivores	X
a) High	^
b) Medium	
c) Low	<del></del>
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
C. Discasa	
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	X
d) Name	^

## 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.

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 4E		
DISTRICT Crescent SWCD	DATE OF PLANTING	5/25/94
PARISH <u>Jefferson</u>	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Breaux/		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	<u>Spartina spar</u> tinae Gulf cordgrass
A. How many plants where originally plants	anted in this task?	10,000
B. How many plants where originally pla sample segment?		40
C. How many plants are living in this sar	nple segment?	14
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		<del></del>
C. Fair		X
D. Poor		
2. Count the total number of stems/shoots for plants found within the sample segment,		9
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	3/3 1 inch
that seament. Enter the average here		3/3 1 inch

1. Was there damage from:	
A. Herbivores	v
a) High	X
b) Medium	
c) Low	
d) None	
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) Nune	<u> </u>

## 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.

TASK # 2 (Little Lake Hunting Club)	
SEGMENT # 4F DISTRICT Crescent SWCD DATE OF PLANTING	5/25/94
PARISH Jefferson MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS YOUM)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	Spartina <u>pate</u> ns
	Marshhav cordgrass
A. How many plants where originally planted in this task?	10,000
B. How many plants where originally planted in this	<del></del>
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	X
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	2.5/3 .8 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
C. Diseasa	
a) High	
b) Medium	<del></del>
c) Low	
d) None	χ
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 5A	5/21/07
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)	<u>Spartina alt</u> erniflora <u>Smooth cordd</u> rass
A. How many plants where originally planted in this task?  B. How many plants where originally planted in this sample segment?	2,000
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 sterns/shoots for all the living	22
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

. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	Х
c) Low	
d) None	
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

TASK # 2 (Li SEGMENT # 58	ttle Lake Hunting Club)		
	Crescent SWCD	DATE OF PLANTING	5/31/94
	Jefferson	MONITORING DATE	8/3/94
	TION PREPARED BY J. Breaux		
PLANT SURVIVA	L INFORMATION		
1. Specie	s Planted (scientific name and cor	nmon name)	<u>Spartina pat</u> ens <u>Marshhay cor</u> dgras:
A. H	ow many plants where originally p	planced in this task?	10,000
	ow many plants where originally pmple segment?	lanted in this	40
C. H	ow many plants are living in this s	ample segment?	33
PLANT PRODUCT	TVITY MEASURE		
1. How v	vould you rate overall plant vigor	?	
A. E:	cellent		
B. G	ood		X
C. Fa	i <b>r</b>		
D. Pe	oor		
	the total number of stems/shoots		
plants	found within the sample segment	, enter total number	38
withir	ermine lateral spread, working wi the sample segment, measure fro	m the center of the	
•	o the farthest living shoot of that	•	
	easurement per plant. To determ	_	
	for living plants within this samp		
the lat	eral measurements for all the livin	g plants within the	
	nt and divide by the number of liv		
that se	oment. Force the average here	•	12/5 2.4 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Discase	
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT # 5C	
DISTRICT Crescent SWCD DATE OF PLANTIN	<b>G</b> <u>5/31/94</u>
PARISH Jefferson Monitoring Dat	88/3/94
INFORMATION PREPARED BY J. Breaux/A. Bolotte (Note: Include a copy of ALL YOUR NOTES AND CALCULATIONS WITH THE TORM)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina spa</u> rtinae <u>Gulf cordorass</u>
A. How many plants where originally planted in this task?  B. How many plants where originally planted in this	10.000
sample segment?  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	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	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. First the average here.	11/5 2.2 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	<del></del>
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) Nons	X
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) Nons	<u> </u>

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 HOW)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina spartinae</u>
•	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	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	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
milli satillativ illimi pila kapitek ilata	and the second second second second

Was there damage from:     A. Herbivores	
a) High	
b) Medium	X
•	^
c) Low	
d) None	<del></del>
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Diseasa	
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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 5E  DISTRICT _Crescent SWCD	DATE OF PLANTING	5/31/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux Mote - Include a court of all your notes and calculated	/A. Bolotte	• • • • • • • • • • • • • • • • • • •
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	nmon name)	Spartina patens  Marshhay cordgrass
A. How many plants where originally p  B. How many plants where originally p		10.000
sample segment?  C. How many plants are living in this se	ample segment?	24
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor	7	
A. Excellent B. Good		X
C. Fair D. Poor		
2. Count the total number of sterns/shoots plants found within the sample segment	_	64
3. To determine lateral spread, working wi within the sample segment, measure fro plant to the farthest living shoot of that one measurement per plant. To determine spread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living plants.	m the center of the plant. Make only ne average lateral le segment, total all g plants within the	
that segment. Enter the average here		<u>12/4                                    </u>

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discasa	
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	نهن د المساور
c) Low	
d) None	χ

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 5F	_	
DISTRICT Crescent SWCD	DATE OF PLANTING.	
PARISH <u>Jefferson</u>	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Bre	aux/A. Bolotte	
(NOTE A SATURINA NOTATION OF PRICE OF PRICE (NOTE)	(MOCE CHETHING SPORTS (MACE)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	common name)	Spartina patens
•	·	Marshhay cordgrass
A. How many plants where original	ly planted in this task?	10,000
B. How many plants where original	~ -	
sample segment?	·, p	40
C. How many plants are living in th	is sample acgment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vi	gor?	
A. Excellent		
B. Good		
C. Fair		X
D. Poor		
2. Count the total number of stems/sho	ots for all the living	
plants found within the sample segm	ent, enter total number	8
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of to one measurement per plant. To dete spread for living plants within this sathe lateral measurements for all the living plants.	from the center of the hat plant. Make only rmine average lateral imple segment, total all iving plants within the	
segment and divide by the number of	<b>~</b> •	
that segment. Enter the average her	C	2/1 2 inches

. Was there damage from:	
A. Herbivares	
a) High	
b) Medium	<u> </u>
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Discase	
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) Nons	X

## COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

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

TASK # 2 (Little Lake Hunting Club)	
SEGMENT # 6A  DISTRICT Crescent SWCD DATE OF PLANTI	N/1 6/3/94
PARISH Jefferson MONITORING DA	· · · · · · · · · · · · · · · · · · ·
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(MODE - INCRUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS TORM)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	Spartina alterniflor
•	Smooth corgrass
A. How many plants where originally planted in this task?	J :
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	X
D. Poor	
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 plant	zs.
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	l
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

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discase	
a) High	
b) Medium	
c) Low	
d) None	Х
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 6B		
DISTRICT Crescent SWCD	DATE OF PLANTING	6/3/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/ (NOTE - INCLUME A COPY OF ALL YOUR NOTES AND CALCULA	'A. Bolotte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	<u>Spartina pat</u> ens <u>Marshhay corg</u> rass
A. How many plants where originally pl	anted in this task?	10,000
B. How many plants where originally pl		
sample segment?		40
C. How many plants are living in this sa	mple segment?	36
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		<u> </u>
C. Fair		*****
D. Poor		
2. Count the total number of stems/shoots found within the sample segment,	<del>-</del>	153
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the clant. Make only ne average lateral e segment, total all plants within the	11/5 2.2 inches

. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	<u> </u>
C. Discass	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) specify	1
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 6C	
DISTRICT Crescent SWCD	DATE OF PLANTING 6/3/94
PARISH <u>Jefferson</u>	MONITORING DATE 8/3/94
INFORMATION PREPARED BY J. Breau) (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUE	(/A. Bolotte ATIONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and cor	nmon name) <u>Spartina spar</u> tinae <u>Gulf cordgras</u> s
A. How many plants where originally p  B. How many plants where originally p	planted in this task? 10,000
sample segment?	40
C. How many plants are living in this s	ample segment? 37
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor	?
A. Excellent	-
B. Good	X
C. Fair	·
D. Poor	<del></del>
2. Count the total number of stems/shoots plants found within the sample segment	
France realist Attention of Tribes acking.	
3. To determine lateral spread, working within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determine spread for living plants within this samp the lateral measurements for all the living	om the center of the plant. Make only ine average lateral ale segment, total all
segment and divide by the number of liv	
that segment. Enter the average here	8/4 2 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	_
d) None	X
C. Discass	
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	<del></del>
d) None	X

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 TOWN)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	Spartina spartinae
	Gulf cordarass
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?	33
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	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	<u>7/5 1.4 inc</u> hes

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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.

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. Bro	eaux/A. Bolotte	
CO UNA ZATUM RUUY LIJA YO YYUU A MULLEIMI - HTOM)		
PLANT SURVIVAL INFORMATION		
Species Planted (scientific name and	f common name)	<u>Spartina spa</u> rtinae <u>Gulf cordgra</u> ss
A. How many plants where original	illy planted in this task?	10,000
B. How many plants where origins sample segment?		40
C. How many plants are living in t	his sample segment?	37
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant v	igor?	
A. Excellent		
B. Good		X
C. Fair		
D. Poor		
2. Count the total number of stems/she plants found within the sample segr		37
3. To determine lateral spread, workin within the sample segment, measure plant to the farthest living shoot of one measurement per plant. To det spread for living plants within this s the lateral measurements for all the segment and divide by the number of	that plant. Make only ermine average lateral ample segment, total all living plants within the of living plants within	7/4 1 0 dans
that segment. Enter the average he	<b>70</b>	7/4 1.8 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
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	<del></del>
a) High	
b) Medium	
c) Low	
d) None	X

## COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Forty percent of the plants have seed heads.

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 - INCLUSION A CUPY OF ALL YOUR HUTS AN	(MAIO E CHET HIN BRUTTA ADALLA DE	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name a	and common name)	<u>Spartina pate</u> ns Marshhay cordgrass
A. How many plants where orig	inally planted in this task?	10.000
B. How many plants where orig		
sample segment?		40
C. How many plants are living it	n this sample segment?	35
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plan	t vigor?	
A. Excellent	•	
B. Good		X
C. Fair		
D. Poor		
2. Count the total number of stems/ plants found within the sample so	<del></del>	21
3. To determine lateral spread, work within the sample segment, mean plant to the farthest living shoot one measurement per plant. To expread for living plants within the lateral measurements for all the segment and divide by the number	oure from the center of the of that plant. Make only determine average lateral is sample segment, total all the living plants within the	
that segment. Enter the average		14/3 4.6 inches
mini na Primings minima print MARIORA	11 <b>44.4</b>	

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	Χ
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	Х

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 7A	<b>.</b>	a to to .
DISTRICT Crescent SWCD	DATE OF PLANTING	
PARISH Jefferson	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Breau (NOTE - INCLUDE A CUPY OF ALL YOUR MUTES AND CALCES	AAA. BOTOLEE	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	Spartina alterniflora Smooth cordgrass
A. How many plants where originally	planted in this task?	2,000
B. How many plants where originally		
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	r?	
A. Excellent		X
B. Good		
C. Fair		
D. Poor		
2. Count the total number of stems/shoots	<del>-</del>	~-
plants found within the sample segmen	it, enter total number	71
3. To determine lateral spread, working we within the sample segment, measure for plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living segment and divide by the number of 1	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the	
that segment. Enter the average here	And Louis Mount	21/2 10.5 inches

1. Was there damage from:	
A. Herbivores	
a) High	***************************************
b) Medium	Х
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Diseasa	
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	<del></del>
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 78		
DISTRICT Crescent SWCD	DATE OF PLANTING	6/8/94
PARISH Jefferson	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Breau Moth - Include a copy of ALL Your nums and Calculated	x/A. <u>Bolo</u> tte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	Spartina patens Marshhay cordgrass
A. How many plants where originally	planted in this task?	10,000
B. How many plants where originally	-	
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	r?	
A. Excellent		
B. Good		<u> </u>
C. Fair		
D. Poor		
2. Count the total number of sterns/shoots plants found within the sample segmen		59
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the	
segment and divide by the number of 11 that segment. Enter the average here	ving plants within	12/4 3 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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

TASK # 2 (Little Lake Hunting Club) SEGMENT# 7C		
DISTRICT Crescent SWCD	DATE OF PLANTING6/8/94	
PARISH Jefferson	MONITORING DATE 8/3/94	
INFORMATION PREPARED BY J. Bre	aux/A. Bolotte	
(NOTE - ENCEADER A COPY OF ALL YOUR NOTES AND CA		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	common name) Spartina sparti	inad
and the same of th	Gulf cordgrass	mac
A. How many plants where original		
B. How many plants where original	The state of the s	
sample segment?	ty planted in this	
C. How many plants are living in the	**************************************	
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vi	gor?	
A. Excellent		
B. Good	<del>X</del>	
C. Fair		
D. Poor		
2. Count the total number of stems/sho	os for all the living	
plants found within the sample segm	•	
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of to one measurement per plant. To determine spread for living plants within this satisfies the lateral measurements for all the lateral measurements.	from the center of the hat plant. Make only smine average lateral ample segment, total all	
segment and divide by the number of	<b>-</b> •	
that seament. Enter the average her		S

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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	χ_

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 7D DISTRICT Crescent SWCD	DATE OF PLANTING	.6/8/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Breau	<th><u> </u></th>	<u> </u>
(MOLE - INCEPTION V CORA OF WIT ADMI WILD'S VAID ENTERN	ATIONS WITHTHIS LUICE)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and cor	mmon name)	Spartina spartinae
<b>,</b>	,	Gulf cordgrass
A. How many plants where originally j	nlanced in this task?	10.000
B. How many plants where originally p		
sample segment?	7181100 III WIII	40
C. How many plants are living in this s	ample segment?	40
	-	
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 sterns/shoots	for all the living	
plants found within the sample segment	<del>-</del>	74
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ apread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	om the center of the plant. Make only ine average lateral ple segment, total all ng plants within the	<u>7/4 1.8 inc</u> hes

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	-
c) Low	
d) None	
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

TASK# 2 (Little Lake Hunting Club)	
SEGMENT# 7E	6/8/94 •
DISTRICT Crescent SWCD DATE OF PLANTING PARISH Jefferson MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A. Bolotte	87.17.94
(MOIN - INCTOIN Y COMA OF WIT ADDIS WITH THE TOWN)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina pate</u> ns
	Marshhav cordgrass
A. How many plants where originally planted in this task?	10,000
B. How many plants where originally planted in this	10,000
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	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	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

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	<del></del>
b) Medium	
c) Low	<del></del>
d) None	X

TASK # 2 (Little Lake Hunting Club)		
SEGMENT#7F	_	
DISTRICT Crescent SWCD	DATE OF PLANTING.	<del></del>
PARISH <u>Jefferson</u>	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Bre	eaux/A. Bolotte	
(MOLE - PHETAINE Y COMA OR VITT ACAIL HOLP? YARD CY	LCULATIONS WITHTHIS INDITIALIZATION)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	common name)	Spartina patens
•	·	Marshhay cordgrass
A. How many plants where origina	lly planted in this task?	10.000
B. How many plants where origina		<del>مدر بروانانانانانانانانانانانانانانانانانانان</del>
sample segment?	, p	40
C. How many plants are living in the	is sample acgment?	32
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vi	gor?	
A. Excellent		
B. Good		X
C. Fair		
D. Poor		
2. Count the total number of stems/sho	ous for all the living	
plants found within the sample segn	nent, enter total number	119
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of to one measurement per plant. To dete spread for living plants within this state lateral measurements for all the	from the center of the that plant. Make only ermine average lateral ample segment, total all living plants within the	
segment and divide by the number of that segment. Enter the average her	<b>—</b> •	10/5 2 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<u> </u>
c) Low	
d) None	<del></del>
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	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	χ

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 8A DISTRICT Crescent SWCD	DATE OF PLANTING	6/13/94
PARISH Jefferson	MONITORING DATE	
INFORMATION PREPARED BY J. Bread (MOIN-INCLUMENT OF ALL YOUR HOUSE AND CALC.)	ux/A. Bolotte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	ommon name)	Spartina alterniflora Smooth cordorass
A. How many plants where originally	planted in this task?	2,000
B. How many plants where originally sample segment?		20
C. How many plants are living in this	sample segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	or?	V
A. Excellent		<u> </u>
B. Good		<del></del>
C. Fair		
D. Poor		
2. Count the total number of sterns/shoot plants found within the sample segme	_	39
himus tonist atoni de satishie sekue	in enner norm innitials	
3. To determine lateral spread, working within the sample segment, measure for plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living plants.	rom the center of the at plant. Make only mine average lateral apple segment, total all ing plants within the	
segment and divide by the number of I that segment. Enter the average hero	tanis bimies mirimi	18/2 9 inches
mier sekinging einer mic baciske licto		

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium .	<u> </u>
c) Low	
d) None	
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	<del></del>
b) Medium	
c) Low	
d) None	X

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Healthy, dark green plants with robust appearance.

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 8B		
DISTRICT Crescent SWCD	DATE OF PLANTING.	6/13/94
PARISH <u>Jefferson</u>	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. Breaux/	A. Bolotte	
(MOLE - PRESTANT V COLA OF VIT ACAIL HALLY YAS) CATCHEV.	OND SHEELING SHOR	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and come	non name)	Spartina <u>pate</u> ns
	······································	Marshhay cordgrass
A. How many plants where originally pig	inted in this tack?	
		10.000
B. How many plants where originally pla sample segment?	under in unis	40
C. How many plants are living in this sar	nple asgment?	35
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		X
C. Fair		<del></del>
D. Poor		***************************************
2. Count the total number of stems/shoots for	or all the living	
plants found within the sample segment, e		28
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plane measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only average lateral segment, total all plants within the	
that segment. Enter the average here		7/4 1.8 inches

1. Was there damage from:	
A. Herbivores	
a) High	<u> </u>
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	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.  $\,$ 

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. Breau (NOTE - INCLUDE A COPY OF ALL YOUR MUTES AND CALCE)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and co	mmon name) <u>Spartina spar</u> tinae
	Gulf cordarass
A. How many plants where originally	planted in this task?
B. How many plants where originally	• · · · · · · · · · · · · · · · · · · ·
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	r?
A. Excellent	
B. Good	X
C. Fair	
D. Poor	
2. Count the total number of sterns/shoots plants found within the sample segmen	
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ apread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living plants.	om the center of the plant. Make only inc average lateral pla segment, total all ag plants within the ving plants within
that segment. Enter the average here	<u>5/4 1,2 inc</u> hes

1. Was there damage from:	
A. Herbivares	
a) High	برور استان براد بالمحالة التروي
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	_
d) Nous	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

TASK # 2 (Little Lake Hunting Club)		
SEGMENT # 8D DISTRICT Crescent SWCD	DATE OF PLANTING	6/13/94
	MONITORING DATE	
INPORMATION PREPARED BY J. Breaux/A	. Bolotte	م موسود کی این این این این این این این این این ای
(MOIN - PHETRIN Y COMA ON VIT ARM HOUSE WAS EVITORISM		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	on name)	Spartina spartinae
To be a second training the following training t		Gulf cordgrass
A. How many plants where originally plan	nred in this task?	10,000
		10,000
B. How many plants where originally plant sample segment?	user in mis	40
C. How many plants are living in this same	ple segment?	36
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 plants found within the sample segment, ex		26
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pls one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only average lateral segment, total all plants within the	
that segment. Enter the average here	Lames wanter	4/3 1/3 inches

. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	-
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discass	
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

TASK # 2 (Little Lake Hunting Club)	
SEGMENT# 8E	
DISTRICT Crescent SWCD DATE OF PLANTING	
PARISH Jefferson MONITORING DATE	8/3/94
INFORMATION PREPARED By J. Breaux/A. Bolotte	
(MOTE - INCLUME COUPY OF ALL YOUR ROOTS CON ACCUMENTATION WILL AND A WILLIAM - BTOM)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina spar</u> tinae
•	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 argment?	34
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	X
C. Fair	<del></del>
D. Poor	**************************************
. D. Pod	
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

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	<del></del>
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	Х
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
——————————————————————————————————————	

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 8F DISTRICT Crescent SWCD	DATE OF PLANTING	6/13/94
PARISH Jefferson	MONITORING DATE	
INPORMATION PREPARED BY J. Breau	x/A. Bolotte	
(MOLE - INCENTER Y CORA OF VIT ACIN MOLE? YOU CATCO	LATIUM WITHTHIS LOWA)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name)	Spartina patens
21 planes 1 session (absortage states on	,,,,,,,,,,	Marshhay cordgrass
A. How many plants where originally	planted in this task?	10,000
B. How many plants where originally:	-	10,000
sample segment?	pianico in una	40
C. How many plants are living in this	sample augment?	18
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor	r?	
A. Excellent		
B. Good	•	Χ
C. Fair		
D. Poor		
2. Count the total number of stems/shoots plants found within the sample segmen	<del></del>	20
3. To determine lateral spread, working we within the sample segment, measure for plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sam the lateral measurements for all the living segment and divide by the number of lithat segment. Enter the average here	om the center of the plant. Make only nine average lateral ple segment, total all ng plants within the	6/3 2 inches

Was there damage from: A. Herbivores a) High	X
b) Medium	
c) Low	
d) None	-
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	Х
C. Discass	
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	<del></del>
d) None	Х

SEGMENT# 9A		6/15/94
DISTRICT Crescent SWCD	DATE OF PLANTING	
PARISH <u>Jefferson</u> INFORMATION PREPARED BY J. Breaux	MONITORING DATE	8/3/94
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUL	ATTURE WITH THIS TOWN)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and cor	nmon name)	Spartina alterniflora
•		Smooth cordgrass
A. How many plants where originally j	planted in this task?	2.000
B. How many plants where originally p		
sample segment?		20
C. How many plants are living in this s	ample aegment?	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	i, enter total number	36
3. To determine lateral spread, working within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this samp	om the center of the plant. Make only ine average lateral	
the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here.	ng plants within the	14/2 7 iches

1. Was there damage from:	
A. Herbivares	
a) High	
b) Medium	
c) Low	Х
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	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

TASK # 2 (Little Lake Hunting Club) SEGMENT # 98	
	LANTING6/15/94
	NO DATE 8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(MOTH - INCLUMENT CONTROL OF ALL YOUR MOTES AND CALCALATIONS WITH THE	Ukm)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina pate</u> ns
• • • • • • • • • • • • • • • • • • •	Marshhay cordgrass
A. How many plants where originally planted in this	<del></del>
B. How many plants where originally planted in this	
sample segment?	40
C. How many plants are living in this sample segmen	u? 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 fivi	ing
plants found within the sample segment, enter total ni	
3. To determine lateral spread, working with only living within the sample segment, measure from the center of plant to the farthest living shoot of that plant. Make one measurement per plant. To determine average la spread for living plants within this sample segment, to the lateral measurements for all the living plants within segment and divide by the number of living plants with	of the only teral only teral only only only only only only only onl
that segment. Enter the average here	8/5 1.6 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<u> </u>
d) None	
B. Insects	
a) High	مسيبية فيستبيه
b) Medium	
c) Low	
d) Nous	<u>X</u>
C. Discass	
n) 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	<u> </u>

# 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.

TASK # 2 (Little Lake Hunting Club)	
SEGMENT# 90	
DISTRICT Crescent SWCD DATE OF PLANTIN	
PARISH Jefferson MONITORING DAT	8/3/94
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(Note - Inclume a cupy of All Your Notes and Calcolations with 7 Hb ) UKM)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina spar</u> tinae
•	Gulf cordorass
A. How many plants where originally planted in this task?	10.000
B. How many plants where originally planted in this	<del></del>
sample segment?	40
C. How many plants are living in this sample asyment?	40
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	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
mine and trainer mitter of the training of the contract of the	

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discase	
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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 90				
DISTRICT Crescent SWCD	DATE OF PLANTING	6/15/9	4	
PARISH Jefferson	MONTTORING DATE			
INFORMATION PREPARED BY J. Breaux	/A. Bolotte			
(NOTE - INCLUDE A COPY OF ALL YOUR NUTS AND CALCUS	ATSUNG WITH THIS FORM)			
PLANT SURVIVAL INFORMATION				
1. Species Planted (scientific name and cor	nmon name)	Sparti	na so	artinae
•	•	Gulf co		
A. How many plants where originally p	planted in this task?	10,00		
B. How many plants where originally			•	-
sample segment?		4	10	
C. How many plants are living in this s	ample segment?		10	<del></del>
PLANT PRODUCTIVITY MEASURE				
1. How would you rate overall plant vigor	?			
A. Excellent			(	_
B. Good				
C. Fair				_
D. Poor				<del></del>
2. Count the total number of stems/shoots plants found within the sample segment		147	•	-
3. To determine lateral spread, working wi within the sample segment, measure fro plant to the farthest living shoot of that one measurement per plant. To determi spread for living plants within this samp the lateral measurements for all the livin segment and divide by the number of living that segment. Enter the average here	m the center of the plant. Make only no average lateral to segment, total all g plants within the	11/5	2.2	inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	<u> </u>
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) Nons	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.

TASK # 2 (Little Lake Hunting Club) SEGMENT# 9E	
DISTRICT Crescent SWCD DATE OF PLANTING	6/15/94
PARISH Jefferson MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A. Bolotte	
(MULLI CHEETIN BRUSTA-SEALAS IBAS SETUR BLUY ALA 90 YOUR A MILLENE - STOP)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina pate</u> ns
	Marshhay cordgrass
A. How many plants where originally planted in this task?	10,000
B. How many plants where originally planted in this	40
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	<del></del>
D. Poor	<del></del>
2. Count the total number of sterns/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	10/5 2 0 4
that segment. Enter the average here	<u>19/5 3.8 i</u> nches

1. Was there damage from:	
A. Herbivores	
a) High	الكنديس بالأذ المجينسيين
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Disease	
a) High	
b) Medium	
c) Low	X
d) None	
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	X
d) None	^

# 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.  $\,$ 

TASK# 2 (Little Lake Hunting Clu	b)			
SEGMENT # 9F				
DISTRICT Crescent SWCD	DATE OF PLANTING _			
PARISH Jefferson	MONITORING DATE	8/3/9/	1	
Information Prepared By _J.	Breaux/A. Bolotte			
A ZEITON RUUY LILA 100 YOUD A MELLENII - ETDN)	MD CALCULATIONS WITH THE LUKM)			
PLANT SURVIVAL INFORMATION				
1. Species Planted (scientific name	and common name)	Sparti	na pa	tens
•		Marshh	av co	rdgrass
A. How many plants where or	ginally planted in this task?		000	_
B. How many plants where or	<b>~ ~</b> -		-	_
sample segment?			40	
C. How many plants are living	in this sample segment?		37	<del>-</del>
PLANT PRODUCTIVITY MEASURE				
1. How would you rate overall pla	nt vigor?			
A. Excellent	•			
B. Good			Χ	_
C. Fair				_
D. Poor				<del>-</del>
2. Count the total number of stem				
plants found within the sample	segment, enter total number		129	_
3. To determine lateral spread, we within the sample segment, me plant to the farthest living shoo	asure from the center of the			
one measurement per plant. To				
spread for living plants within t				
the lateral measurements for all				
segment and divide by the num				
that segment. Enter the average		21/5	4.2	inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	<u>X</u>
C. Discasa	
a) High	
b) Medium	
c) Low	
d) None	χ
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	X
d) None	

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This monitoring segment is surrounded by a 1" mesh chicken-wire fence and is bing used as a control group for a fertilizer test plot installed by the Plant Materials Center.

TASK # 2 (Little Lake Hunting Club)	
SEGMENT # 10A  DISTRICT Crescent SWCD DATE OF PLANTING	6/20/94
PARISH Jefferson MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/A. Bolotte (Note-Include a copy of all your notes and calculations with this token)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Spartina alte</u> rniflora <u>Smooth cordor</u> ass
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?	19
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	X
B. Good	<del></del>
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

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discase	
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

TASK# 2 (Little Lake Hunting Club)	
SEGMENT # 10B	
	TE OF PLANTING 6/20/94
PARISH Jefferson MOX	NITORING DATE 8/3/94
INPORMATION PREPARED BY J. Breaux/A. Bo	olotte
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS W	лінтні токм)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common n	name) Spartina patens
r. of solon t tarried forthings that is into columns in	Marshhay cordgrass
A. How many plants where originally planted	
B. How many plants where originally planted	
sample segment?	40
C. How many plants are living in this sample a	
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	
	<del></del>
C. Fair	
D. Poor	<del></del>
2. Count the total number of sterns/shoots for all	
plants found within the sample segment, enter	total number30
3. To determine lateral spread, working with only	
within the sample segment, measure from the c	
plant to the farthest living shoot of that plant.	Make only
one measurement per plant. To determine aver	rage lateral
spread for living plants within this sample segn	nent, total all
the lateral measurements for all the living plant	
segment and divide by the number of living pla	
that segment. Enter the average here	2/2 1 inch
The second secon	

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Discase	
a) High	
b) Medium	**************************************
c) Low	
d) None	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	,
the source	
a) High	
b) Medium	
c) Low	-
d) None	<u> </u>

TASK # 2 (Little Lake Hunting Club) SEGMENT# 10C		
DISTRICT Crescent SWCD	DATE OF PLANTING	6/20/94
PARISH Jefferson	MONTTORING DATE	8/3/94
INFORMATION PREPARED BY J. Breaux	/A. Bolotte	
TICTITAL GIVE SELECT THE ALCO KARDS Y MITHERNY - RELEGIA)	(MAIOT CHTHIIW WINDETA	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	nmon name)	Spartina spartinae
(100)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Gulf cordorass
A. How many plants where originally p	lanted in this task?	10,000
B. How many plants where originally p		ختاب سيبين
sample segment?		40
C. How many plants are living in this se	ample segment?	35
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 sterns/shoots	•	58
plants found within the sample segment	, enter total number	20
3. To determine lateral spread, working wi within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determing spread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living plants.	m the center of the plant. Make only no average lateral le segment, total all g plants within the	
that segment. Enter the average here		<u>4/3 1.3 in</u> ches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	х
C. Discass	
a) High	
b) Medium	
c) Law	
d) None	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) None	Х

TASK # 2 (Little Lake Hunting Club)	
SEGMENT # 100	
DISTRICT Crescent SWCD	DATE OF PLANTING 6/20/94
PARISH <u>Jefferson</u>	MONITORING DATE 8/3/94
INFORMATION PREPARED BY J. Brea	UX/A. Bolotte  DLATIONS WITH THESTORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and o	common name) Spartina spartina Gulf cordgrass
A. How many plants where originally	<del></del>
B. How many plants where originally sample segment?	y planted in this
C. How many plants are living in this	sample segment? 32
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vig	or?
A. Excellent	**************************************
B. Good	X
C. Fair	
D. Poor	
2. Count the total number of stems/shoo plants found within the sample segme	_
3. To determine lateral spread, working within the sample segment, measure is plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this sar the lateral measurements for all the living plants and divide by the number of	from the center of the at plant. Make only mine average lateral uple segment, total all ving plants within the
that segment. Enter the average here	

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<u> </u>
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) s	pecify
the source	· · ·
a) High	
b) Medium	
c) Low	
d) Nons	X

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 10E	Photogram Dr. champion C. (00.104	
DISTRICT Crescent SWCD	DATE OF PLANTING 6/20/94	
PARISH Jefferson	MONITORING DATE 8/3/94	
INFORMATION PREPARED BY J. Breau.	x/A. Bolotte LATHUMS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name) Spartina spar Gulf cordgras	
A. How many plants where originally		
B. How many plants where originally		•
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	r?	
A. Excellent		•
B. Good	X	•
C. Fair	**************************************	-
D. Poor	<del></del>	-
2. Count the total number of stems/shoots plants found within the sample segmen	~ ^>	•
3. To determine lateral spread, working we within the sample segment, measure for plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sample lateral measurements for all the living segment and divide by the number of lithat segment. Enter the average here	om the center of the plant. Make only sine average lateral ple segment, total all ng plants within the	ches

. Was there damage from:	
A. Herbivares	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	_
d) None	Х
C. Discase	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	عدي جي جي جن جنف يکنجي بيو
b) Medium	
c) Low	<del></del>
d) Nema	Y

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 2 (Little Lake Hunting Club)		
SEGMENT# 10F	Diemon De Lienie	C /20 /04
DISTRICT Crescent SWCD	DATE OF PLANTING	
PARISH Jefferson	MONITORING DATE	8/3/94
INFORMATION PREPARED BY J. B. (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND	reaux/A. Bolotte	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name ar	nd common name)	Spartina patens
	•	Marshhav cordgrass
A. How many plants where origin	colly planted in this task?	10.000
B. How many plants where origin	• •	
sample segment?	any pantoo in uns	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		X
C. Fair		
D. Poor		
2. Count the total number of stems/sl	hoots for all the living	
plants found within the sample seg	prient, enter total number	106
3. To determine lateral spread, working within the sample segment, measurement living shoot of one measurement per plant. To despread for living plants within this the lateral measurements for all the	re from the center of the final plant. Make daily stermine average lateral sample segment, total all	
segment and divide by the number		
that segment. Enter the average h	cre	9/3 3 inches

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Nous	X
C. Diseasa	
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) Norman	χ

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.

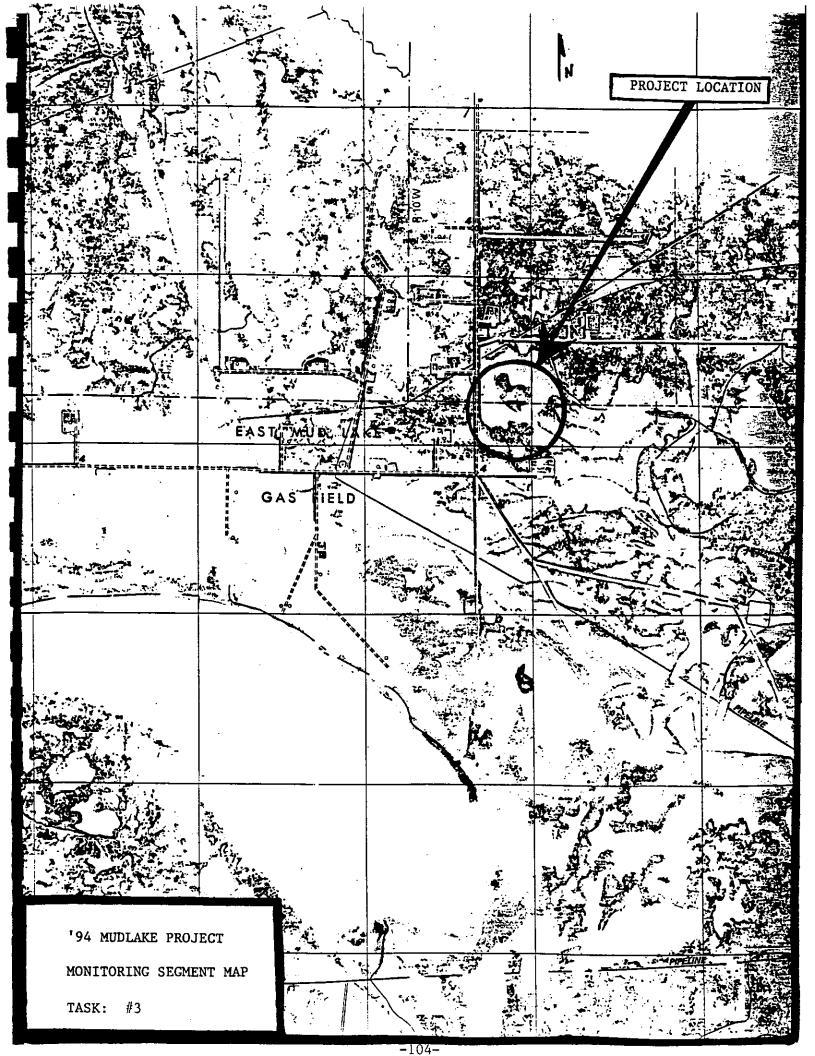
PROJECT FEATURES: Planting 2000 gallon size plugs of Smooth Cordgrass (Spartina alterniflora) in a single row around individual islands of emergent marsh. Planting will be done only where cut bank is less than 6" below marsh level. The gallon size plugs will be planted on 5' spacing. Proposed distance to be planted is 10,000 feet at an estimated cost of \$10,500.

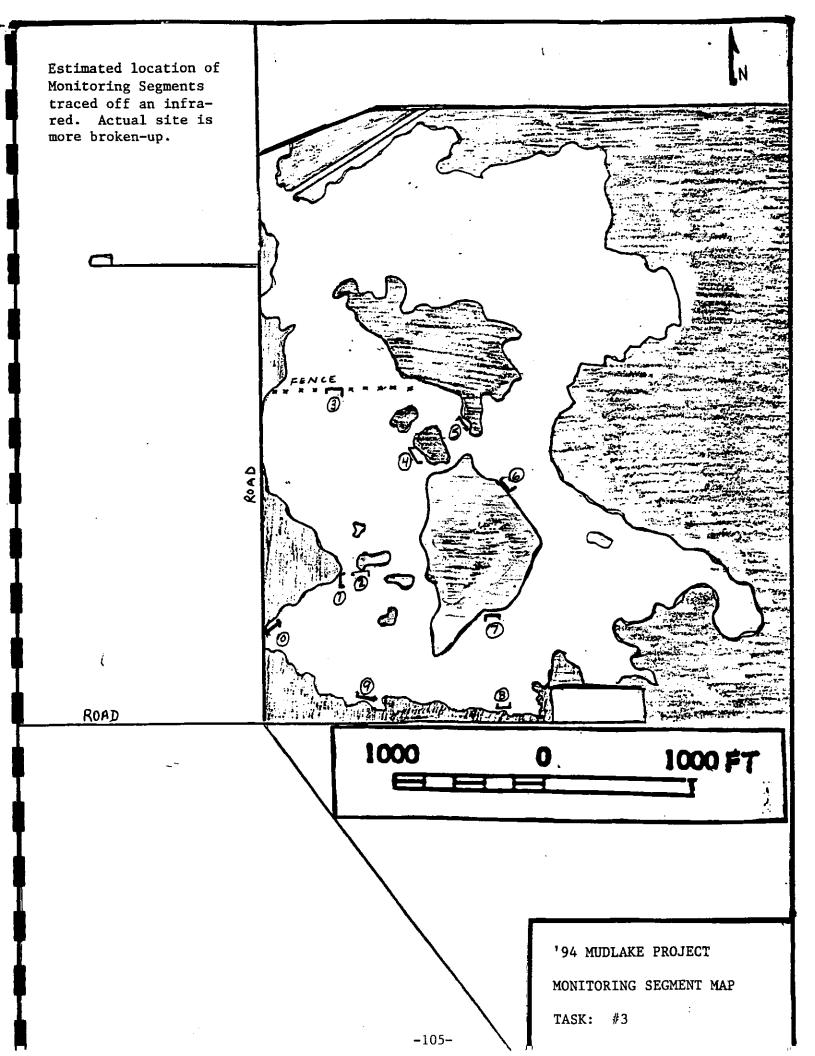
### COASTAL VEGETATION FTANTING PROJECT SITE EVALUTION WORKSHEET

SWCD: <u>GULF COAST</u> PROJECT NAME: <u>MUD LA</u> SITE EVALUATOR: <u>R. M</u>	KE ARCANTEL, C. MIDK	IFF	DATE: 6-1-93	
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINTS
SOILS ELEMENTS:		•		
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0_
REACTION pH	<4.5 - >8.4	-	4.5-8.4	
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)	_1
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	_1_
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	_1_
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	
, SHORE LINE FEATURES	L			
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	0_
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	M ABOVE)		POINT TOTAL	9_

9-5 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION







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. main suitable pasture plants are common bermudagrass, hybrid bermudagrass, bahiagrass, dallisgrass and ryegrass. tilth is somewhat difficult to maintain. Surface crusts form easily when clean-tilled. Traffic pans develope 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.

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

**DISTRICT:** Gulf Coast

MONITORS: Doug Miller

Clay Midkiff

PARISH: Cameron

DATE OF PLANTING: 4/11/94

DATE OF MONITORING: 2/7/94

**SEGMENT NO:** 0

	Lowell Thompson		
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: SE</li><li>(C) Water Depth: .4'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5</li><li>(F) Slope of Bank: .2' TO 10</li></ul>	
dista	Comments: Planting shoreline of hoce are approximate.	broken-up islands. Measurements of	Ē
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: W TO E</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 0</li></ul>	(D) Spacing Between Rows: N/A (E) Number of Rows: 1	A
	Comments: Measurements of distant	ce are approximate.	
III.	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape,	NUTRIA EXCLUSIONS: N/A , etc.) A picture will be include	ed.
IV.	SOILS (Type & Texture):  Creole/c	lay	
٧.	SALINITY: 11 ppt		
VI.	WAVE ACTION:		
	<pre>(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, (</pre>	) heavy	
	Comments:		
VII.	TRAFFICABILITY:		
	(x) good, () moderate, () po	or, () very poor	
	Comments:		
	-107	<b>'-</b>	

# SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_3

DISTR	ICT: Gulf Coast	DATE OF PLANTING: 4/11/94
PARIS	H: Cameron	DATE OF MONITORING: 2/7/94
MONIT	ORS: Doug Miller Clay Midkiff Lowell Thompson	SEGMENT NO: 1
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 2000'</li><li>(B) Direction of Fetch: SE</li><li>(C) Water Depth: .5'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of bronce are approximate.	oken-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N TO S</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 0</li></ul>	(D) Spacing Between Rows: N/A (E) Number of Rows: 1
	Comments: Measurements of distance	are approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, or sha	
IV.	<b>SOILS</b> (Type & Texture): Creole/clay	y
٧.	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:

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_3

DATE OF PLANTING: 4/12/94

DATE OF MONITORING: 2/7/94

**SEGMENT NO:** 2

**DISTRICT:** Gulf Coast

MONITORS: Doug Miller

Clay Midkiff Lowell Thompson

I.	BANK CONFIGURATION:	
	(B) Direction of Fetch: S (E	<ul> <li>Marsh Level: 5.1'</li> <li>Pond Bottom Elevation: 5.5</li> <li>Slope of Bank: .2' TO 10'</li> </ul>
dista	Comments: Planting shoreline of broken- ance are approximate.	up islands. Measurements of
II.	PLANTING ALIGNMENT:	
		)) Spacing Between Rows: N/A E) Number of Rows: 1
	Comments: Measurements of distance are	approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRIA (i.e. material used, size, shape, etc.)	
IV.	SOILS (Type & Texture):  Creole/clay	
v.	<pre>salinity:      11 ppt</pre>	
VI.	WAVE ACTION:	
	<pre>(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( ) heavy</pre>	7
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor, (	) very poor
	Comments: -109-	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_3

DATE OF PLANTING: 4/13/94

DATE OF MONITORING: 2/7/94

**DISTRICT:** Gulf Coast

MONIT	CORS: Doug Miller Clay Midkiff Lowell Thompson	<b>SEGMENT NO:</b> 3
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 3500'</li><li>(B) Direction of Fetch: S</li><li>(C) Water Depth: 1.0'</li></ul>	(D) Marsh Level: 5.1' (E) Pond Bottom Elevation: 5.5' (F) Slope of Bank: .2' TO 10'
dista	Comments: Planting shoreline of brok ance are approximate.	en-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: W TO E</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	<pre>(D) Spacing Between Rows: N/A (E) Number of Rows: 1</pre>
	Comments: Measurements of distance a	re approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NUT (i.e. material used, size, shape, et	
IV.	SOILS (Type & Texture):  Creole/clay	
٧.	SALINITY: 11 ppt	
VI.	WAVE ACTION:	
	<pre>(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( ) he</pre>	eavy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor,	( ) very poor
I	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DATE OF PLANTING: 4/13/94

DATE OF MONITORING: 2/7/94

**SEGMENT\_NO:** 4

**DISTRICT:** Gulf Coast

MONITORS: Doug Miller

Clay Midkiff Lowell Thompson

I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 700'</li><li>(B) Direction of Fetch: SW</li><li>(C) Water Depth: .8'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of brok nce are approximate.	en-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: NW TO SE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	(D) Spacing Between Rows: N/A (E) Number of Rows: 1
	Comments: Measurements of distance a	re approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NUT (i.e. material used, size, shape, et	
IV.	SOILS (Type & Texture):  Creole/clay	
₹.	SALINITY: 11 ppt	
VI.	WAVE ACTION:	
	(A) (x) wind and/or () boat (B) (x) light, () medium, () he	avy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor,	( ) very poor
	Comments: -111-	

#### SEGMENT SPECIFIC INFORMATION

# YEAR & TASK NO.: 1994-1995 Task #\_3

DATE OF PLANTING: 4/14/94

**DISTRICT:** Gulf Coast

<u>PARIS</u>	H: Cameron	DATE OF MONITORING: 2/7/94
MONIT	ORS: Doug Miller Clay Midkiff Lowell Thompson	<b>SEGMENT NO:</b> 5
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1000'</li><li>(B) Direction of Fetch: SE</li><li>(C) Water Depth: 1.0'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of bronce are approximate.	oken-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: W TO E</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	<pre>(D) Spacing Between Rows: N/A (E) Number of Rows: 1</pre>
	Comments: Measurements of distance	are approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	
IV.	<b>SOILS (Type &amp; Texture):</b> Creole/cla	У
٧.	<u>SALINITY:</u> 11 ppt	
VI.	WAVE_ACTION:	
	<pre>(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( )</pre>	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, ( ) moderate, ( ) poor	, ( ) very poor
	Comments:	

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DATE OF PLANTING: 4/14/94

DATE OF MONITORING: 2/7/94

**DISTRICT:** Gulf Coast

Monit	ORS: Doug Miller Clay Midkiff Lowell Thompson	SEGMENT NO: 6
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 150'</li><li>(B) Direction of Fetch: E</li><li>(C) Water Depth: .6'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of bronce are approximate.	ken-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N TO S</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	<ul><li>(D) Spacing Between Rows: N/A</li><li>(E) Number of Rows: 1</li></ul>
	Comments: Measurements of distance	are approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	
IV.	SOILS (Type & Texture):  Creole/clay	•
٧.	SALINITY: 11 ppt	
VI.	WAVE ACTION:	
	(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( ) h	leavy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DATE OF PLANTING: 4/18/94

DATE OF MONITORING: 2/7/94

**DISTRICT:** Gulf Coast

MONIT	ORS: Doug Miller Clay Midkiff Lowell Thompson	SEGMENT NO: 7
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: SE</li><li>(C) Water Depth: .7'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of bronce are approximate.	ken-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: W TO E</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	(D) Spacing Between Rows: N/A (E) Number of Rows: 1
	Comments: Measurements of distance	are approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, e	
IV.	SOILS (Type & Texture):  Creole/clay	7
٧.	SALINITY: 11 ppt	
VI.	WAVE ACTION:	
	(A) (x) wind and/or () boat (B) (x) light, () medium, () h	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 3

DATE OF PLANTING: 4/18/94

DATE OF MONITORING: 2/7/94

**DISTRICT:** Gulf Coast

MONIT	Clay Midkiff  Lowell Thompson	<u>BEGMENT NO</u> : 8
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1000'</li><li>(B) Direction of Fetch: NW</li><li>(C) Water Depth: .2'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 5.5</li><li>(F) Slope of Bank: .2' TO 10'</li></ul>
dista	Comments: Planting shoreline of bronce are approximate.	ken-up islands. Measurements of
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: E TO W</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 200'</li></ul>	(D) Spacing Between Rows: N/A (E) Number of Rows: 1
	Comments: Measurements of distance	are approximate.
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, or state of the control of	
IV.	SOILS (Type & Texture):  Creole/clay	<i>?</i>
٧.	SALINITY: 11 ppt	
VI.	WAVE ACTION:	
	(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( )	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	(x) good, () moderate, () poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_3

DATE OF PLANTING: 4/18/94

DATE OF MONITORING: 2/7/94

(D) Marsh Level: 5.1'

(E) Pond Bottom Elevation: 5.5'

**BEGMENT NO:** 9

**DISTRICT:** Gulf Coast

MONITORS: Doug Miller

Clay Midkiff Lowell Thompson

(A) Distance of Fetch: 3000'

(B) Direction of Fetch: N

I. BANK CONFIGURATION:

	(C) Water Depth: .5'	(F)	Slope of	Bank:	.2' TO	10'
dista	Comments: Planting shoreline of broken ince are approximate.	n-up	islands.	Measur	ements	of
II.	PLANTING ALIGNMENT:					
			pacing B umber of			N/A
	Comments: Measurements of distance are	e app	roximate	•		
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRO (i.e. material used, size, shape, etc.)				e incl	ıded.
IV.	SOILS (Type & Texture):  Creole/clay					
٧.	<pre>SALINITY: 11 ppt</pre>					
VI.	WAVE ACTION:					
	(A) (x) wind and/or ( ) boat (B) (x) light, ( ) medium, ( ) hear	vy				
	Comments:					
VII.	TRAFFICABILITY:					
	<pre>(x) good, ( ) moderate, ( ) poor,</pre>	( ) v	ery poor			
	Comments:					

TASK # 3 Mud Lake		
SEGMENT # 0		
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	
PARISH Cameron	MONITORING DATE	6/9/94
INFORMATION PREPARED BY <u>D. Mil</u> (Note - Include a copy of all your notes and ca		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	common name)	Spartina alterniflora Smooth cordgrass
A. How many plants where original	lly planted in this task?	2000
B. How many plants where original sample segment?	lly planted in this	20
C. How many plants are living in the	is sample segment?	<u>19</u>
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vi A. Excellent B. Good C. Fair	gor?	<u> </u>
D. Poor  2. Count the total number of stems/sho plants found within the sample segments.		14
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of the one measurement per plant. To determine spread for living plants within this satthe lateral measurements for all the living segment and divide by the number of that segment. Enter the average her	from the center of the hat plant. Make only rmine average lateral ample segment, total all iving plants within the fliving plants within	4"

1. Was there damage from: A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	
d) None	•
a) Ivolic	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

TASK # 3 Mud Lake		
SEGMENT # _ 1		
DISTRICT Gulf Coast SWCD	DATE OF PLANTING 4/11/94	
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94	
INFORMATION PREPARED BY D. Miller/ C (Note - Include a copy of all your notes and calculation		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and commo	on name) <u>Spartina alte</u> rniflor	
• •	Smooth corderass	
A. How many plants where originally plans		
B. How many plants where originally plant	<del></del>	
sample segment?	20	
C. How many plants are living in this samp		
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good	<u> </u>	
C. Fair	<del></del>	
D. Poor		
2. Count the total number of stems/shoots for	all the living	
plants found within the sample segment, en	——————————————————————————————————————	
3. To determine lateral spread, working with o within the sample segment, measure from the plant to the farthest living shoot of that plant one measurement per plant. To determine a spread for living plants within this sample so the lateral measurements for all the living plants within and divide by the number of living	he center of the nt. Make only average lateral egment, total all lants within the plants within	
that segment. Enter the average here	2"	

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

TASK # 3 Mud Lake	
SEGMENT#	
· · · · · · · · · · · · · · · · · · ·	ATE OF PLANTING 4/12/94
	IONITORING DATE 6/9/94
INFORMATION PREPARED BY D_Miller/C. (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATION	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and commo	n name) <u>Spartina</u> alterniflora
•	Smooth cordgrass
A. How many plants where originally plant	_
B. How many plants where originally plants	
sample segment?	20
C. How many plants are living in this sample	<del> </del>
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	x
C. Fair	
D. Poor	<del></del>
2. Count the total number of stems/shoots for a	all the living
plants found within the sample segment, ent	er total number4
3. To determine lateral spread, working with or within the sample segment, measure from the	· · · · · · · · · · · · · · · · · · ·
plant to the farthest living shoot of that plant one measurement per plant. To determine a	t. Make only
	_
spread for living plants within this sample se	
the lateral measurements for all the living pla	
segment and divide by the number of living p	piants within
MAINEVILLE THE SVETSUE DETE	1~"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<del></del>
d) None	x
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	<del> </del>
c) Low	<del></del>
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specif	у
the source	<del></del>
a) High	
b) Medium	
c) Low	
d) None	X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 3 Mud Lake	
SEGMENT#_3	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING 4/13/94
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94
INFORMATION PREPARED BY <u>D. Miller</u>	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUL	ATIONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and cor	nmon name) Spartina alteriflora
•	Smooth cordgrass
A. How many plants where originally p	
B. How many plants where originally	· · · · · · · · · · · · · · · · · · ·
sample segment?	20
C. How many plants are living in this s	ample segment? 11
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor	?
A. Excellent	
B. Good	<u> </u>
C. Fair	
D. Poor	
2. Count the total number of stems/shoots	for all the living
plants found within the sample segment	t, enter total number
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	om the center of the plant. Make only ine average lateral ple segment, total all and plants within the

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) specif	īy
the source	<u></u> _
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.

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/ (Note - Include a copy of all your notes and calculated)	<u>C MIdkif</u> f
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and com	mon name) <u>Spartina alte</u> rniflora <u>Smooth cordgr</u> ass
A. How many plants where originally pl	
B. How many plants where originally plants sample segment?	
C. How many plants are living in this sar	mple segment?15
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?	
A. Excellent	<del></del>
B. Good	x
C. Fair	
D. Poor	
2. Count the total number of stems/shoots for plants found within the sample segment,	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the lant. Make only ne average lateral e segment, total all g plants within the

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.

TASK # 3 Mud Lake	
SEGMENT #_5	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING 4/14/94
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94
INFORMATION PREPARED BY D. Miller/	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT	IONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and comr	non name) <u>Spartina alte</u> rniflora
• •	Smooth cordgrass
A. How many plants where originally pla	anted in this task? 2000
B. How many plants where originally pla	
sample segment?	20
C. How many plants are living in this san	nple segment? 6
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	<u> </u>
C. Fair	<del></del>
D. Poor	
2. Count the total number of stems/shoots fo	or all the living
plants found within the sample segment, e	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only e average lateral segment, total all plants within the eg plants within
that segment. Enter the average here	0

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.

TASK # 3 Mud Lake	
SEGMENT# 6	
DISTRICT Gulf Coast SWCD DATE OF PLANTING	G <u>4/14/94</u>
PARISH Cameron MONITORING DAT	E
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)	<u>Spartina alte</u> rniflora
•	Smooth corderass
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
c. How many plants are hand in this sample segment:	
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	x
B. Good	
C. Fair	
D. Poor	
	<del></del>
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	511
mar segment. Enter me average here	

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	<del></del>
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.

TASK #3_Mud_Lake		
SEGMENT #		
INFORMATION PREPARED BY D. Miller/C. Midk (Note - Include a copy of all your notes and calculations with		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and common nan	ne) Spartina alterniflora	
	Smooth corderass	
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 seg	ment? <u>13</u>	
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	e living	
plants found within the sample segment, enter tot		
3. To determine lateral spread, working with only live within the sample segment, measure from the central plant to the farthest living shoot of that plant. May one measurement per plant. To determine average spread for living plants within this sample segment the lateral measurements for all the living plants we segment and divide by the number of living plants that segment. Enter the average here	ater of the ake only ge lateral nt, total all within the	

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	x
C. Disease	
a) High	
b) Medium	
c) Low	4
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	<del></del>
c) Low	
d) None	x

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Dead plants were right on the bank.

TASK #3_Mud_Lake	
SEGMENT #_8	
<del>-</del>	OF PLANTING 4/18/94
PARISH Cameron MONT	TORING DATE 6/9/94
INFORMATION PREPARED BY D.Miller/ C. Midk	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH	ITHIS FORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common nar	ne) Spartina alterniflora
•	Smooth corderass
A. How many plants where originally planted in	
B. How many plants where originally planted in	<del></del>
sample segment?	20
C. How many plants are living in this sample seg	
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	x
B. Good	
C. Fair	<del></del>
D. Poor	
2. Count the total number of stems/shoots for all the	e living
plants found within the sample segment, enter tot	
3. To determine lateral spread, working with only li- within the sample segment, measure from the cen plant to the farthest living shoot of that plant. Ma one measurement per plant. To determine averag spread for living plants within this sample segment the lateral measurements for all the living plants we segment and divide by the number of living plants	nter of the ake only ge lateral nt, total all within the s within
that segment. Enter the average here	4"

1.

Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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	<u>*</u>

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

This entire segment was planted away from the bank.

TASK # 3 Mud Lake	
SEGMENT #_9	•
DISTRICT Culf Coast SWCD	DATE OF PLANTING 4/18/94
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94
INFORMATION PREPARED BY <u>D.Miller</u> (Note - Include a copy of all your notes and calcu	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and co	
A. How many plants where originally	•
B. How many plants where originally sample segment?	planted in this
C. How many plants are living in this	sample segment? 19
PLANT PRODUCTIVITY MEASURE	
<ol> <li>How would you rate overall plant vigo</li> </ol>	r?
A. Excellent	
B. Good	X
C. Fair	
D. Poor	<del></del>
2. Count the total number of sterns/shoot	
plants found within the sample segmen	nt, enter total number9
3. To determine lateral spread, working within the sample segment, measure frequent to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living segment and divide by the number of living plants.	om the center of the t plant. Make only nine average lateral uple segment, total all ing plants within the
that segment. Enter the average here	3"

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	<del></del>
c) Low	
d) None	х
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

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

١

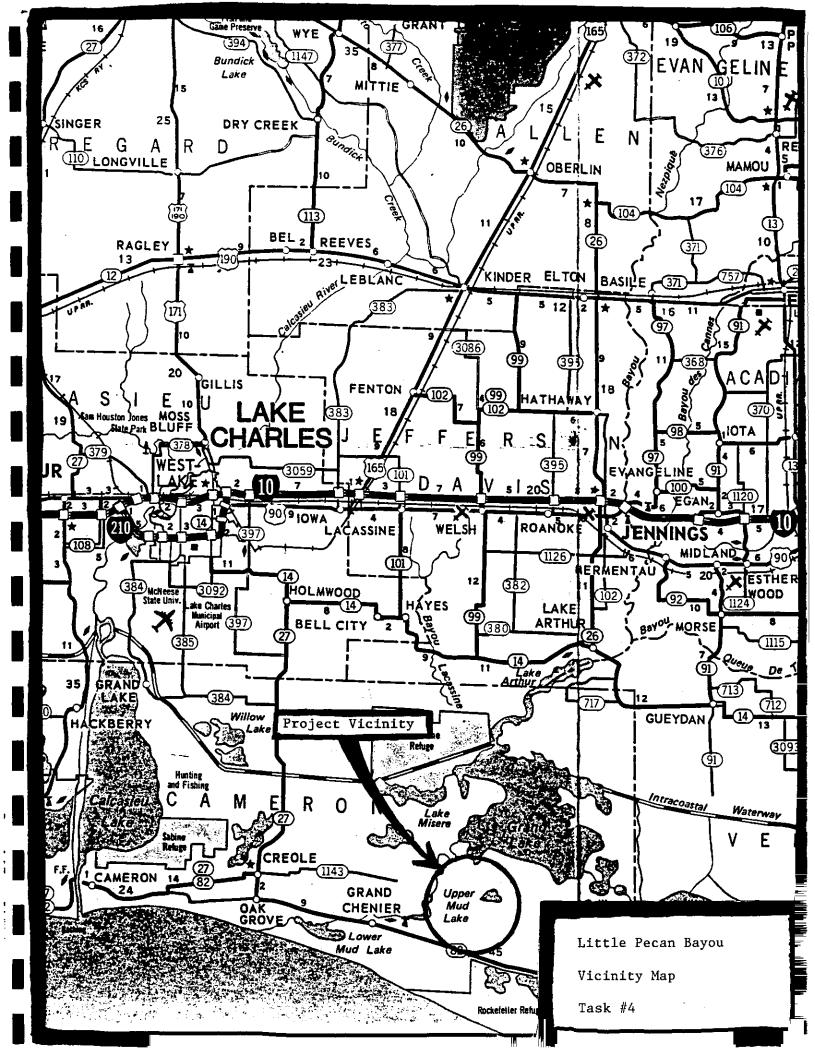
PROJECT LOCATION: T-14S, R-4W, Section 32 and 33 of Cameron Parish, Louisiana.

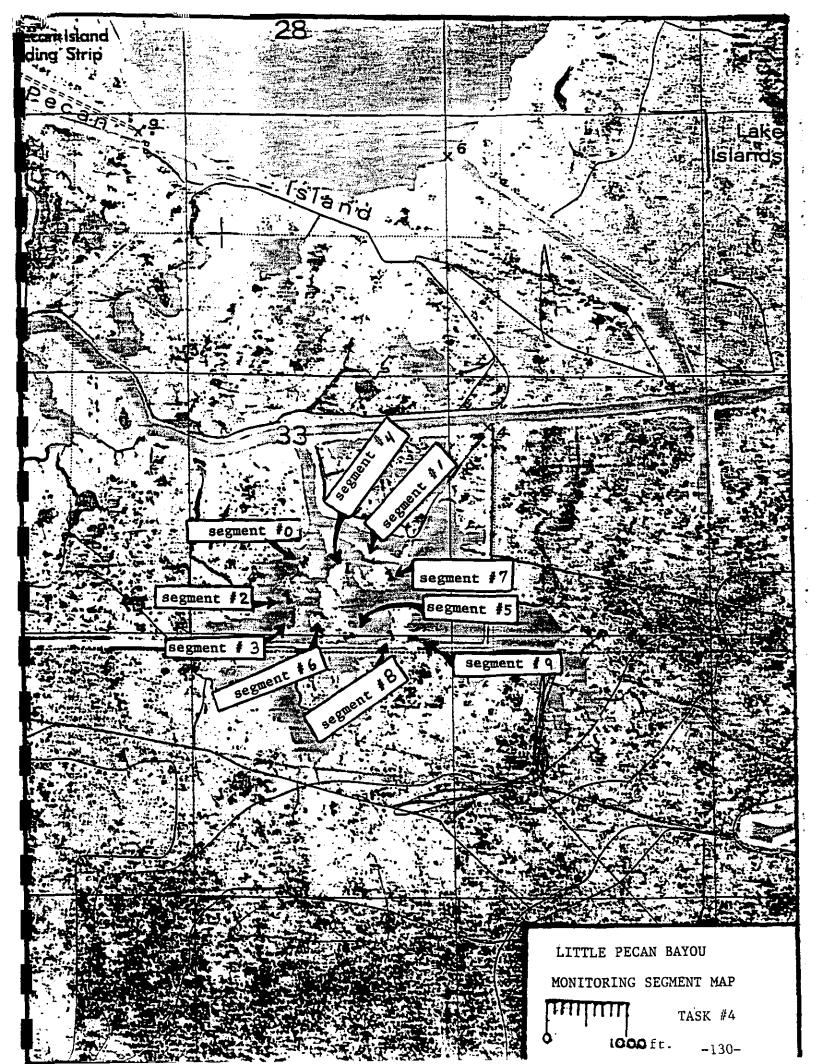
PROJECT OBJECTIVES: To re-establish stands of emergent vegetation in the interior marsh that has been lost due to marsh erosion.

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 VECETATION PT ANTING PROJECT SITE EVALUATION WORKSHEET

PROJECT NAME: LITTLE SITE EVALUATOR: R. M		IFF, S. McBRIDE	DATE:	<u>6-14-93</u>
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINTS
SOILS ELEMENTS:		•		
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2
TEXTURE	sands, gravels	PEATS, MUCKS	ALL OTHER	0_
REACTION pH	<4.5 - >8.4	_	4.5-8.4	00
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)	1_
SULFIDIC	pH <4.5 (JAROSITE,SMELL,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)		_1_
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	0
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT E)	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:	<u>.</u>			
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0_
UNDERWATER SLOPE	<5:1	5:1 ~ 15:1	>15:1	_1_
HERBIVORE POP.	HIGH	MEDIUM	LOW	0_
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6_
0-6 POINTS - SEE PL	ANT LIST & PROCEED	WITH CAUTION		



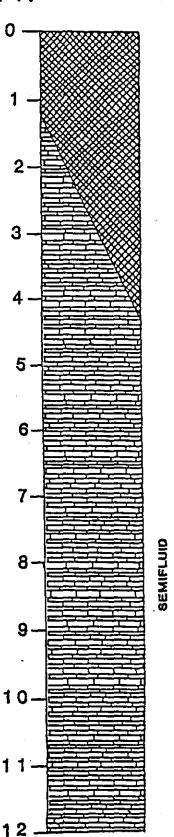


SOIL NAME: CLOVELLY MUCK

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.







#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DATE OF PLANTING: 6/23/94

**DISTRICT:** GULF COAST

PARIS	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 0
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 600'</li><li>(B) Direction of Fetch: west</li><li>(C) Water Depth: .3'</li></ul>	<ul> <li>(D) Marsh Level: 5.2'</li> <li>(E) Pond Bottom Elevation:5.8'</li> <li>(F) Slope of Bank:.4 TO 1ST 5'</li> <li>.1 TO 2ND 5'</li> </ul>
	Comments: * Measurements of distance	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	<pre>(D) Spacing Between Rows: n/a (E) Number of Rows: 1</pre>
	Comments: Planting around broken-up Measurements of distance	islands are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	TRIA EXCLUSIONS: n/a etc.) A picture will be included.
IV.	SOILS (Type & Texture): CLOVELY /	MUCK
٧.	SALINITY: 0 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	() good, () moderate, (X) poor,	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DATE OF PLANTING: 6/23/94

DATE OF MONITORING: 2/16/94

**DISTRICT:** GULF COAST

PARISH: CAMERON

MONITO	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 1
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 150'</li><li>(B) Direction of Fetch: west</li><li>(C) Water Depth: .3'</li></ul>	(D) Marsh Level: 5.2' (E) Pond Bottom Elevation:5.8' (F) Slope of Bank:.4 TO 1ST 5' .1 TO 2ND 5'
	Comments: * Measurements of distanc	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	<ul><li>(D) Spacing Between Rows: n/a</li><li>(E) Number of Rows: 1</li></ul>
	Comments: Planting around broken-up Measurements of distance	islands are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	TRIA EXCLUSIONS: n/a tc.) A picture will be included
IV.	SOILS (Type & Texture): CLOVELY /	MUCK
٧.	SALINITY: 0 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	() good, () moderate, (X) poor,	( ) very poor
	Comments:	
		·

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # \_4\_

DISTR	LICT: GULF COAST	DATE OF PLANTING: 6/24/94
<u>PARIS</u>	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 2
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 850'</li><li>(B) Direction of Fetch: southwest</li><li>(C) Water Depth: .3'</li></ul>	<ul><li>(D) Marsh Level: 5.2'</li><li>(E) Pond Bottom Elevation:5.8'</li><li>(F) Slope of Bank: 4 TO 1ST 5'</li><li>.1 TO 2ND 5'</li></ul>
	Comments: * Measurements of distance	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	<ul><li>(D) Spacing Between Rows: n/a</li><li>(E) Number of Rows: 1</li></ul>
	Comments: Planting around broken-up Measurements of distance	
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, e	
IV.	SOILS (Type & Texture): CLOVELY /	MUCK
٧.	SALINITY: 0 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	eavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DATE OF PLANTING: 6/24/94

**DISTRICT:** GULF COAST

PARIS	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 3
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1000'</li><li>(B) Direction of Fetch: west</li><li>(C) Water Depth: .3'</li></ul>	(D) Marsh Level: 5.2' (E) Pond Bottom Elevation:5.8' (F) Slope of Bank:.4 TO 1ST 5' .1 TO 2ND 5'
	Comments: * Measurements of distance	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	(D) Spacing Between Rows: n/a (E) Number of Rows: 1
	Comments: Planting around broken-up Measurements of distance	
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	
IA.	SOILS (Type & Texture): CLOVELY /	MUCK
٧.	SALINITY: 0 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor,	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DISTR	ICT: GULF COAST	DATE	OF PLANTING: 6/27/94
PARIS:	H: CAMERON	DATE	OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	<u>SEGM</u>	ENT NO: 4
I.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 200'</li><li>(B) Direction of Fetch: northeast</li><li>(C) Water Depth: .3'</li></ul>	(E)	Marsh Level: 5.2' Pond Bottom Elevation:5.8' Slope of Bank:.4 TO 1ST 5' .1 TO 2ND 5'
	Comments: * Measurements of distance	e are	approximate
ıı.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>		Spacing Between Rows: n/a Number of Rows: 1
	Comments: Planting around broken-up Measurements of distance		
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e		
IV.	SOILS (Type & Texture): CLOVELY /	MUCK	
٧.	SALINITY: 0 ppt		
VI.	WAVE ACTION:		
·	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	neavy	
	Comments:		
VII.	TRAFFICABILITY:		
1	() good, () moderate, (X) poor	, ()	very poor
	Comments:		

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DISTRI	CT: GULF COAST	DATE	<b>OF PLANTING:</b> 6/27/94
PARISH	: CAMERON	DATE	OF MONITORING: 2/16/94
MONITO	DRS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	<u>BEGM</u>	<b>ENT NO:</b> 5
I.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 300'</li><li>(B) Direction of Fetch: southeast</li><li>(C) Water Depth: .3'</li></ul>	(E) (F)	Marsh Level: 5.2' Pond Bottom Elevation:5.8' Slope of Bank:.4 TO 1ST 5' .1 TO 2ND 5'
	Comments: * Measurements of distance	e are	approximate
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>		Spacing Between Rows: n/a Number of Rows: 1
	Comments: Planting around broken-up	isla	nds
	Measurements of distance are approximate.		
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, e		
IV.	SOILS (Type & Texture): CLOVELY /	MUCK	
٧.	SALINITY: 0 ppt		
VI.	WAVE ACTION:		
	(A) (X) wind and/or () boat (B) (X) light, () medium, () h	ıeavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, ( ) moderate, (X) poor	, ()	very poor

# YEAR & TASK NO.: 1994-1995 Task # \_4\_

8/94
2/16/94
.2' evation:5.8' .4 TO 1ST 5' .1 TO 2ND 5'
Rows: n/a 1
be included.

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

<u>DISTR</u>	ICT: GULF COAST	DATE OF PLANTING: 6/28/94
<u>PARIS</u>	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	<u>segment no</u> : 7
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1100'</li><li>(B) Direction of Fetch: east</li><li>(C) Water Depth: .3'</li></ul>	<ul> <li>(D) Marsh Level: 5.2'</li> <li>(E) Pond Bottom Elevation:5.8'</li> <li>(F) Slope of Bank:.4 TO 1ST 5'</li> <li>.1 TO 2ND 5'</li> </ul>
	Comments: * Measurements of distance	ce are approximate
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	<ul><li>(D) Spacing Between Rows: n/a</li><li>(E) Number of Rows: 1</li></ul>
	Comments: Planting around broken-up	p islands
	Measurements of distance are	approximate.
III.	<u>DESCRIBE WAVE STILLING DEVICE OR NO</u> (i.e. material used, size, shape, e	<u>UTRIA EXCLUSIONS</u> : n/a etc.) A picture will be included.
IV.	SOILS (Type & Texture): CLOVELY /	MUCK
₹.	SALINITY: 0 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) l	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	() good, () moderate, (X) poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DATE OF PLANTING: 6/28/94

**DISTRICT:** GULF COAST

PARISE	E: CAMERON	DATE	OF MONITORING: 2/16/94
MONITO	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	<u>SEGM1</u>	ENT NO: 8
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: west</li><li>(C) Water Depth: .3'</li><li>Comments: * Measurements of distance</li></ul>	(E) (F)	Marsh Level: 5.2' Pond Bottom Elevation:5.8' Slope of Bank: 4 TO 1ST 5' .1 TO 2ND 5' approximate
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>		Spacing Between Rows: n/a Number of Rows: 1
	Comments: Planting around broken-up		
III.	Measurements of distance are a DESCRIBE WAVE STILLING DEVICE OR NUT	rria :	EXCLUSIONS: n/a
IV.	SOILS (Type & Texture): CLOVELY / 1	MUCK	
٧.	SALINITY: 0 ppt		
VI.	WAVE ACTION:		
	(A) (X) wind and/or () boat (B) (X) light, () medium, () ho	eavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, ( ) moderate, (X) poor,	( )	very poor
	Comments:		

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 4\_

DISTR	ICT: GULF COAST	DATE OF PLANTING: 6/28/94
PARIS	EH: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	<b>SEGMENT NO:</b> 9
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 50'</li><li>(B) Direction of Fetch: south</li><li>(C) Water Depth: .3'</li></ul>	<ul> <li>(D) Marsh Level: 5.2'</li> <li>(E) Pond Bottom Elevation: 5.8'</li> <li>(F) Slope of Bank: 4 TO 1ST 5'</li> <li>.1 TO 2ND 5'</li> </ul>
	Comments: * Measurements of distan	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: n/a</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2'</li></ul>	<ul><li>(D) Spacing Between Rows: n/a</li><li>(E) Number of Rows: 1</li></ul>
	Comments: Planting around broken-u Measurements of distance are	_
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	
IV.	SOILS (Type & Texture): CLOVELY /	MUCK
٧.	<u>salinity</u> : 0 ppt	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor	, ( ) very poor
	Comments:	

TASK # 4 (Little Pecan Bayou)	
SEGMENT # 0	
DISTRICT Gulf Coast SWCD DATE OF PLANTING	6/23/94
PARISH Cameron MONITORING DATE	
INFORMATION PREPARED BY D. Miller / C. Midfiff / T. La	andry
(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
Ferrary amenda (perstitute matte accession)	smooth cordgrass
A. How many plants where originally planted in this task?	2000
B. How many plants where originally planted in this	<del></del>
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	<del></del>
C Fair	X
D. Poor	
2. Count the total number of stems/shoots for all the living	
· · · · · · · · · · · · · · · · · · ·	12
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"

1. Was there damage from:	
A. Herbivores	
a) High	<del></del>
b) Medium	<del></del>
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	<del></del>
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.

TASK # 4 (Little Pecan Bayou)	
SEGMENT#_1	•
DISTRICT Gulf Coast SWCD	DATE OF PLANTING _6/23/94
PARISH <u>Cameron</u>	MONITORING DATE _8/3/94
INFORMATION PREPARED BY D. Mill	er/ C. Midkiff/ T. Landry
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CA	LCULATIONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	
	-
<ol> <li>Species Planted (scientific name and</li> </ol>	common name) Sparting alterniflors
A ***	s <u>mooth</u> cordgrass
A. How many plants where original	lly planted in this task? 2000
B. How many plants where original	lly planted in this
sample segment?	20
C. How many plants are living in the	iis sample segment?
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vi	ant?
A. Excellent	gor:
B. Good	<del>*************************************</del>
C. Fair	
D. Poor	<u> </u>
<b>D.</b> 1001	
2. Count the total number of stems/sho	ots for all the living
plants found within the sample segn	
3. To determine lateral spread, working	g with only living plants
within the sample segment, measure	from the center of the
plant to the farthest living shoot of the	hat plant. Make only
one measurement per plant. To dete	rmine average lateral
spread for living plants within this sa	ample segment, total all
the lateral measurements for all the li	iving plants within the
segment and divide by the number of	f living plants within
that segment. Enter the average her	

1. Was there damage from:		
A. Herbivores		
a) High		
b) Medium		<del></del>
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 debaie	footentie floring to a	
the source	, foot traffic, floating plants) specify	
a) High		
b) Medium		
c) Low		
d) None	•	

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants are in stress possibly because the salinities are low.

TASK #4 (Little Pecan Bayou)	•	
SEGMENT # 2	• •	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	6/2//9/
PARISH <u>Cameron</u>	MONITORING DATE	
INFORMATION PREPARED BY D. Mill		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND C	LICULATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		_
<ol> <li>Species Planted (scientific name and</li> </ol>	common name)	Spartina alterniflora
,	· • • • • • • • • • • • • • • • • • • •	<del></del>
A. How many plants where origina	Ily planted in this task?	smooth cordgrass
B. How many plants where original	lly planted in this	2000
sample segment?	ny pianeu in uns	
	-:10	20
C. How many plants are living in the	its sample segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vi	gor?	
A. Excellent	.gu: .	
B. Good		
C. Fair		
D. Poor		X
<b>3. 1 002</b>		
2. Count the total number of stems/sho	ots for all the living	
plants found within the sample segn	ent, 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 t	hat plant Make only	
One mercurement are alone. To deep	nat plant. Wake only	
one measurement per plant. To dete	mine average laterat	
spread for living plants within this sa	imple segment, total all	
the lateral measurements for all the l	iving plants within the	
segment and divide by the number of	Living plants within	
that segment. Enter the average her	<b>e</b> .	Δu

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		<u> </u>
C. Disease a) High b) Medium		
c) Low	•	<del></del>
d) None	•	X
D. Other (e.g. water debr	is, foot traffic, floating plants) specify	
the source		water-hycinth
a) Hìgh		
b) Medium		
c) Low		<u> </u>
d) None		

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 4 (Little Pecan Bayou)		
SEGMENT# 3	_	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	
PARISH Cameron	MONITORING DATE	
INFORMATION PREPARED BY D. Miller/C (Note - Include a copy of all your notes and calcula		y
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Spartina alterniflora smooth cordgrass
A. How many plants where originally pl	anted in this task?	2000
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this sa	mple segment?	20
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 f plants found within the sample segment,	_	6
brang toquid within the sample segment,	Chief total little	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living	n the center of the lant. Make only a average lateral e segment, total all	
segment and divide by the number of livi		
that segment. Enter the average here		3"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
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	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	X
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

•	
_	
	_
	_
-	
nmon name) Sparting_alternif	lora
<del></del>	
?	
<u> </u>	
for all the living	
, enter total number	
m the center of the plant. Make only ine average lateral le segment, total all le plants within the ring plants within	
	for all the living

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	X
B. Insects	
a) High	•
b) Medium	<del></del>
c) Low	
d) None	
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating	g plants) specify
the source	
a) High	
b) Medium	
c) Low	
d) None	X

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

6/27/94
_8/3/94
dry
_
Spartina alterniflor
smooth cordgrass
2000
<u> </u>
16
6 "

1. Was there damage from:	
A. Herbivores	
a) Hìgh	
b) Medium	
c) Law	
d) None	x
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	Х
D. Other (e.g. water debris, foot traffic, floating plants) specify	<i>t</i>
the source	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 4 (Little Pecan Bayou)	. •	
SEGMENT#_6	•	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	6/28/94
PARISH Cameron	MONITORING DATE	
INFORMATION PREPARED BY D. Mille (Note - Include a copy of all your notes and calc	r/ C. Midkiff/T. Landry NLATIONS WITH THIS FORM)	7
PLANT SURVIVAL INFORMATION		•
1. Species Planted (scientific name and c	ommon name)	Spartina alterniflora smooth cordgrass
A. How many plants where originally	y planted in this task?	
B. How many plants where originally		
sample segment?		20
C. How many plants are living in this	s sample segment?	18
PLANT PRODUCTIVITY MEASURE	_	
1. How would you rate overall plant vig	or?	
A. Excellent		<del></del>
B. Good		<u></u>
C. Fair		X
D. Poor		
2. Count the total number of stems/shoo	ts for all the living	
plants found within the sample segme	ent, enter total number	7
3. To determine lateral spread, working within the sample segment, measure to plant to the farthest living shoot of the one measurement per plant. To deter spread for living plants within this sau the lateral measurements for all the living segment and divide by the number of	from the center of the at plant. Make only mine average lateral uple segment, total all ving plants within the living plants within	
that segment. Enter the average here		1 11

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

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. Mills (Note - Include a copy of all your notes and cal		y
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and	common name)	<u>Spartina alte</u> rniflo smooth cordgrass
A. How many plants where original	ly planted in this task?	2000
B. How many plants where original		
sample segment?		20
C. How many plants are living in the	is sample segment?	20
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vig A. Excellent B. Good C. Fair D. Poor	gor?	X
Count the total number of stems/sho plants found within the sample segments.		12
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of to one measurement per plant. To dete spread for living plants within this sattle lateral measurements for all the lateral measurements. Enter the average her	from the center of the hat plant. Make only armine average lateral ample segment, total all iving plants within the fliving plants within	3 "

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	<u> </u>

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 4 (Little Pecan Bayou)	•
SEGMENT#_8	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING 6/28/94
PARISH <u>Cameron</u>	MONITORING DATE 8/3/94
INFORMATION PREPARED BY D.Miller/ O	. Midkiff/ T. Landry
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	ATIONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	_
1. Species Planted (scientific name and com	nmon name) Spartina alterniflor
the same to the same that the	smooth cordgrass
A. How many plants where originally pl	· · · · · · · · · · · · · · · · · · ·
B. How many plants where originally pl	
sample segment?	20
C. How many plants are living in this sa	<del></del>
C. 110 w thanky plants are training in this sa	imple segment:
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 f	
plants found within the sample segment,	enter total number 16
3. To determine lateral spread, working wit	th only living plants
within the sample segment, measure from	
plant to the farthest living shoot of that p	
one measurement per plant. To determine	
spread for living plants within this sampl	
the lateral measurements for all the living	
segment and divide by the number of livi	ing piants within
that segment. Enter the average here	5 "

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	<del></del>
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

TASK # 4 (Little Pecan Bayou)		
SEGMENT # 9		
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	6/28/94
PARISH <u>Cameron</u>	MONITORING DATE	
INFORMATION PREPARED BY D. Miller		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCU		
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and co	mmon name)	Spartina alterniflora
1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	smooth cordgrass
A. How many plants where originally	planted in this task?	2000
B. How many plants where originally		
sample segment?	F	20
C. How many plants are living in this	sample segment?	15
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor	<b>-</b> 9	
A. Excellent	<b></b>	
B. Good		
C. Fair		
D. Poor		
<b>D.</b> F001		X
2. Count the total number of stems/shoots		
plants found within the sample segmen	t, enter total number	12
3. To determine lateral spread, working w within the sample segment, measure from plant to the farthest living shoot of the	om the center of the	
plant to the farthest living shoot of that one measurement per plant. To determ	ine average lateral	
spread for living plants within this samp	ole segment, total all	
the lateral measurements for all the living	ng plants within the	
segment and divide by the number of liv	ing plants within	
that segment. Enter the average here		3"

-150-

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	<del></del>
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.

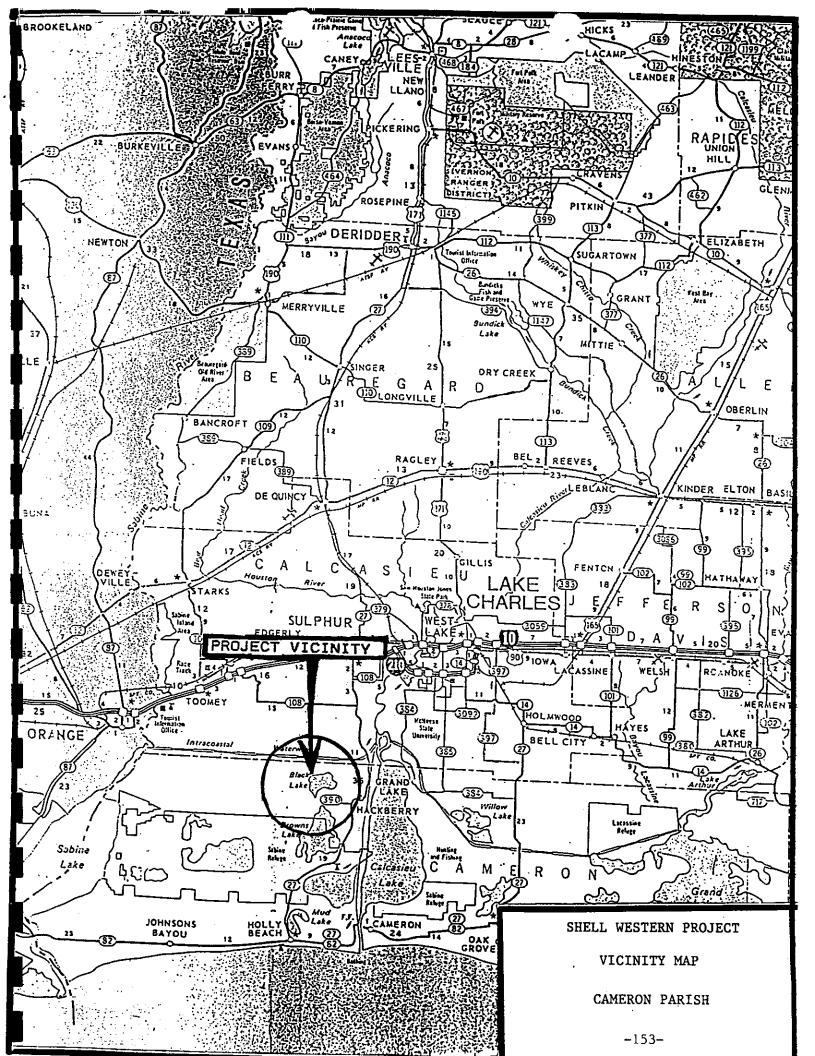
PROJECT OBJECTIVES: To create a living fence which will

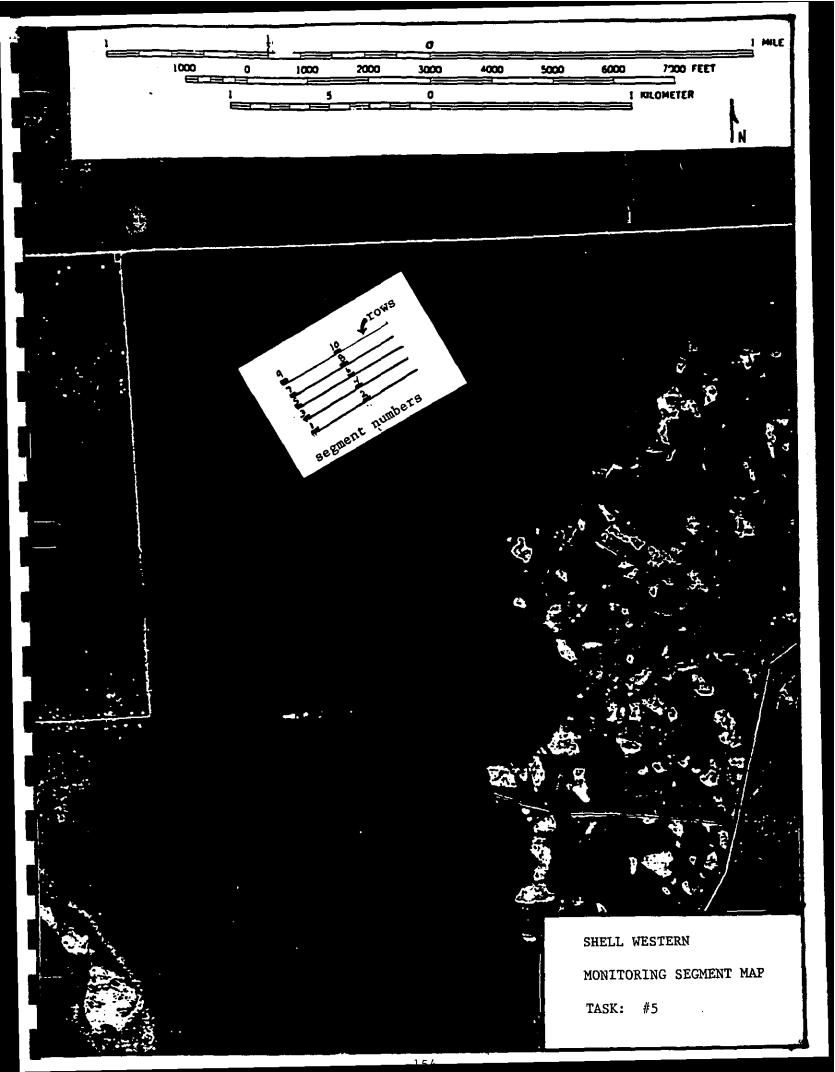
1) reduce wind generated wave action, 2) reduce
turbidity, 3) produce detritus, 4) encourage
submerged aquatic vegetation, 5) trap sediments,
6) increase the food production for waterfowl,
furbearers, alligators, and fisheries.

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.

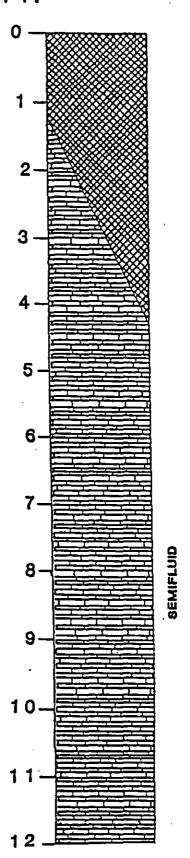
### COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

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)	1_
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0_
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0_
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)	1_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)		1_
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	_1_
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	
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	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0_
HERBIVORE POP.	HIGH	MEDIUM	LOW	0
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6_
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION				





FT.



SOIL NAME: CLOVELLY MUCK

SOIL SYMBOL: CO

CAPABILITY UNIT: VIIW3

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.

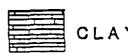
The level of moderately saline water is near or above the soil surface most of the year. During storm tides this soil is covered by as much as 3 feet of water. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the mineral layers. This soil will not support human 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.





LOAMY



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DISTR	ICT: GULF COAST	DATE OF PLANTING: 4/21/94
PARIS	E: CAMERON	DATE OF MONITORING: 3/3/94
MONIT	ORS: DOUG MILLER LOWELL THOMPSON	SEGMENT NO: 0
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	• •
	Comments: Measurements of distance	are approximate
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>	(D) Spacing Between Rows: 200' (E) Number of Rows: 5
	Comments: Measurements of distance	are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape,	OTRIA EXCLUSIONS: n/a etc.) A picture will be included
IV.	SOILS (Type & Texture): CLOVELY	/ MUCK
٧.	SALINITY: O PPT	
٧ı.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DATE OF PLANTING: 4/21/94

DATE OF MONITORING: 3/3/94

SEGMENT NO: 1

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER

PARISH: CAMERON

	LOWELL THOMPSON
ı.	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
♥.	SALINITY: O PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) heavy</pre>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, ( ) moderate, (X) poor, ( ) very poor
	Comments:
	-157-

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DATE OF PLANTING: 4/21/94

DATE OF MONITORING: 3/3/94

**SEGMENT NO:** 2

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER

LOWELL THOMPSON

PARISH: CAMERON

ı.	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
ıı.	PLANTING ALIGNMENT:
	(A) Direction of Rows: SW to NE (D) Spacing Between Rows: 200' (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
₹.	SALINITY: O PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) heavy</pre>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, ( ) moderate, (X) poor, ( ) very poor
	Comments: -158-

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DATE OF PLANTING: 4/21/94

DATE OF MONITORING: 3/3/94

**SEGMENT NO:** 3

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER

I. BANK CONFIGURATION:

LOWELL THOMPSON

PARISH: CAMERON

	(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' (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
٧.	SALINITY: O PPT
VI.	WAVE ACTION:
	<ul><li>(A) (X) wind and/or ( ) boat</li><li>(B) (X) light, ( ) medium, ( ) heavy</li></ul>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, ( ) moderate, (X) poor, ( ) very poor
	Comments: -159-

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DISTR	<u>ICT</u> : GULF COAST	DATE OF PLANTING:	4/22/94
PARIS	H: CAMERON	DATE OF MONITORIN	<u>G</u> : 3/3/94
MONIT	CORS: DOUG MILLER LOWELL THOMPSON	SEGMENT NO: 4	
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	(D) Marsh Level (E) Pond Bottom (F) Slope of Ba	Elevation:4.9
	Comments: Measurements of distance	are approximate	
II.	PLANTING ALIGNMENT:		
. *	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>	(D) Spacing Betw (E) Number of Ro	veen Rows: 200' ows: 5
	Comments: Measurements of distance	are approximate	
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	TRIA EXCLUSIONS: 12tc.) A picture wi	n/a ill be included
IV.	SOILS (Type & Texture): CLOVELY	MUCK	
٧.	SALINITY: O PPT		
VI.	WAVE ACTION:		
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	ıeavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, ( ) moderate, (X) poor	, ( ) very poor	
<b></b>	Comments:		·

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DIST	RICT: GULF COAST	DATE OF PLANTING: 4/	26/94
PARI:	SH: CAMERON	DATE OF MONITORING:	3/3/94
MONI:	TORS: DOUG MILLER LOWELL THOMPSON	<b>SEGMENT NO:</b> 5	
ı.	BANK CONFIGURATION:	_	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	<ul><li>(D) Marsh Level: 6</li><li>(E) Pond Bottom El</li><li>(F) Slope of Bank:</li></ul>	.evation:4.9
	Comments: Measurements of distance	are approximate	
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>	(D) Spacing Between (E) Number of Rows:	
	Comments: Measurements of distance	are approximate	
ııı.	DESCRIBE WAVE STILLING DEVICE OR A (i.e. material used, size, shape,	TRIA EXCLUSIONS: n/a etc.) A picture will	be included
IV.	SOILS (Type & Texture): CLOVELY	/ MUCK	
۷.	SALINITY: O PPT		
VI.	WAVE ACTION:		
<b>.</b>	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	heavy	
	Comments:		
VII.	TRAFFICABILITY:		
1	( ) good, ( ) moderate, (X) poor	, ( ) very poor	
-	Comments:		

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DATE OF PLANTING: 4/26/94

DISTRICT: GULF COAST

<b>SEGMENT NO:</b> 6
•
<ul><li>(D) Marsh Level: 6.0'</li><li>(E) Pond Bottom Elevation: 4.</li><li>(F) Slope of Bank: N/A</li></ul>
are approximate
(D) Spacing Between Rows: 200 (E) Number of Rows: 5
are approximate
NUTRIA EXCLUSIONS: n/a etc.) A picture will be include
/ MUCK
heavy
r, ( ) very poor

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

<u>DISTR</u>	<u>ICT</u> : GULF COAST	DATE OF PLANTING: 4/27/94
PARIS	H: CAMERON	DATE OF MONITORING: 3/3/94
MONIT	ORS: DOUG MILLER LOWELL THOMPSON	SEGMENT NO: 7
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	<ul><li>(D) Marsh Level: 6.0'</li><li>(E) Pond Bottom Elevation: 4.9</li><li>(F) Slope of Bank: N/A</li></ul>
	Comments: Measurements of distance	are approximate
ıı.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>	<ul><li>(D) Spacing Between Rows: 200'</li><li>(E) Number of Rows: 5</li></ul>
	Comments: Measurements of distance	are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	
IV.	SOILS (Type & Texture): CLOVELY	/ MUCK
۷.	SALINITY: O PPT	
۷I.	WAVE ACTION:	
! ]	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor	, ( ) very poor
=	Comments:	

## BASE DATA .

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DISTR	<u>ICT</u> : GULF COAST	DATE OF PLANTING: 4/27/94
PARIS	H: CAMERON	DATE OF MONITORING: 3/3/94
Monit	ORS: DOUG MILLER LOWELL THOMPSON	<u>segment no</u> : 8
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	<ul><li>(D) Marsh Level: 6.0'</li><li>(E) Pond Bottom Elevation:4.</li><li>(F) Slope of Bank: N/A</li></ul>
	Comments: Measurements of distance	are approximate
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>	(D) Spacing Between Rows: 200 (E) Number of Rows: 5
	Comments: Measurements of distance	are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	OUTRIA EXCLUSIONS: n/a etc.) A picture will be include
IV.	SOILS (Type & Texture): CLOVELY	/ MUCK
₹.	SALINITY: O PPT	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( )</pre>	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (X) poor	r, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_5\_

DISTRICT: GULF COAST

MONITORS: DOUG MILLER

LOWELL THOMPSON

PARISH: CAMERON

DATE OF PLANTING: 4/28/94

DATE OF MONITORING: 3/3/94

**SEGMENT NO:** 9

I.	BANK CONFIGURATION:		,
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: SOUTH</li><li>(C) Water Depth: 1.4'</li></ul>	(E)	Marsh Level: 6.0' Pond Bottom Elevation:4.5 Slope of Bank: N/A
	Comments: Measurements of distance	are ap	proximate
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 2500'</li></ul>		Spacing Between Rows: 200 Number of Rows: 5
	Comments: Measurements of distance	are a	pproximate
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	TRIA :	EXCLUSIONS: n/a A picture will be included
IV.	SOILS (Type & Texture): CLOVELY /	MUCK	
٧.	<u>salinity</u> : O PPT		
VI.	WAVE ACTION:		
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h</pre>	ıeavy	
	Comments:		
VII.	TRAFFICABILITY:		
	() good, () moderate, (X) poor,	, ()	very poor
	Comments: -165-		

TASK # 5 Shell Western SEGMENT # 0		
	DATE OF PLANTING _4	/21/94
	MONITORING DATE 6	
INFORMATION PREPARED BY D. Miller/ C.	<del></del>	,
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIO		
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and commo	on name)	Scirpus californicus
•	•	Bullwhin
A. How many plants where originally plan		2000 TG
B. How many plants where originally plan		
sample segment?		20
C. How many plants are living in this samp	ole 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, en	ter total number	16
3. To determine lateral spread, working with a within the sample segment, measure from the plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample state the lateral measurements for all the living plants within the living plants within the living plants within the living plants within the living plants. Enter the average here	he center of the nt. Make only average lateral egment, total all lants within the	QII
uiai segineni. Enter the average here		<u> </u>

1.

Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	
d) None	x
B. Insects	
a) High	
b) Medium	
c) Low	<del></del>
d) None	x
C. Disease	
a) High	
b) Medium	<del></del>
c) Low	
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	x
d) None	

#### COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedhead's are catching submerged aquatic vegetation. (SAV's)

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 <u>D. Miller/</u> (Note - Include a copy of all your notes and calculated)	
PLANT SURVIVAL INFORMATION	•
1. Species Planted (scientific name and com	mon name) Scirpus californicus Bullwhip
A. How many plants where originally pl B. How many plants where originally pl	anted in this task?2000
sample segment?  C. How many plants are living in this same	20
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	X
C. Fair	
D. Poor	<del></del>
<ol><li>Count the total number of stems/shoots for plants found within the sample segment,</li></ol>	<u> </u>
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the plant. Make only ne average lateral e segment, total all g plants within the

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	X
d) None	_

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

TASK # 5 Shell Western SEGMENT# 2	
DATE OF PLANTI	NG 4/21/94
PARISH Cameron Monitoring Da	
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	<del></del> _
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	34
3. To determine lateral spread, working with only living plant 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"

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	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

TASK # 5 Shell Western	
SEGMENT #_3	
DISTRICT Gulf Coast	DATE OF PLANTING 4/21/94
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94
INFORMATION PREPARED BY _D_Miller (Note - Include a copy of all your notes and calcul	
PLANT SURVIVAL INFORMATION	·
1. Species Planted (scientific name and con	mon name) <u>Scirpus calif</u> ornicus
•	Rullwhin
A. How many plants where originally p	
B. How many plants where originally p	
sample segment?	20
C. How many plants are living in this sa	ample segment? 20
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	•
A. Excellent	
B. Good	<u>×</u>
C. Fair	<del></del>
D. Poor	<del></del>
2. Count the total number of stems/shoots	for all the living
plants found within the sample segment,	enter total number24
3. To determine lateral spread, working within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this samp the lateral measurements for all the living segment and divide by the number of living plants.	m the center of the clant. Make only ne average lateral le segment, total all g plants within the ling plants within
that segment. Enter the average here	8"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	x
C. Disease	
a) High	
b) Medium	<del></del>
c) Low	
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

TASK # 5 Shell Western	
SEGMENT # 4 DISTRICT Gulf Coast	DATE OF PLANTING 4/22/94
PARISH <u>Cameron</u>	MONITORING DATE 6/9/94
INFORMATION PREPARED BY D. MILLEY/ (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT	C_Midkiff
PLANT SURVIVAL INFORMATION	-
1. Species Planted (scientific name and comm	non name) S <u>cirpus calif</u> ornicus Bullwhip
A. How many plants where originally plants. How many plants where originally plants.	inted in this task? 2000
sample segment?	20
C. How many plants are living in this san	npie segment?
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	<del>-</del>
plants found within the sample segment, e	enter total number24
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only average lateral segment, total all plants within the g plants within
that segment. Enter the average here	8"

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1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	х
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	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedheads catching SAV's

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		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATE		
PLANT SURVIVAL INFORMATION	-	
1. Species Planted (scientific пате and comп	non name) <u>Scirpus calif</u> ornicus	
	Bullwhip	
A. How many plants where originally pla	\ \tag{\tag{\tag{\tag{\tag{\tag{\tag{	
B. How many plants where originally pla		
sample segment?	20	
C. How many plants are living in this san		
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 fo	r all the living	
plants found within the sample segment, e	<del>-</del>	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only average lateral segment, total all plants within the	

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	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed heads Catching SAV's

TASK # 5 Shell Western		
SEGMENT #_6	D. — D —	1.106.104
	DATE OF PLANTING	
	MONITORING DATE	6/9/94
INFORMATION PREPARED BY <u>D. Miller/C</u> (Note - Include a copy of all your notes and calculation		
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and comme	on name)	Scirpus californícus
• • • • • • • • • • • • • • • • • • • •	•	Bullwhip
A. How many plants where originally plan	ted in this task?	2000
B. How many plants where originally plan		
sample segment?	<u></u> <del></del>	20
C. How many plants are living in this samp	ple segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		х
C. Fair		
D. Poor		
2. Count the total number of stems/shoots for	all the living	
plants found within the sample segment, en	ter total number	14
3. To determine lateral spread, working with a within the sample segment, measure from the plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample state the lateral measurements for all the living plants and divide by the number of living	he center of the nt. Make only average lateral egment, total all lants within the	
that segment. Enter the average here		7 <u>"</u>

PAGE 1

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	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seedhead catching SAV's

<u>L_Western</u>
Lf_Coast DATE OF PLANTING 4/27/94
MONITORING DATE 6/9/94
N PREPARED BY D. Miller/ C. Midkiff A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)
FORMATION
unted (scientific name and common name) Scirpus californicu
Bullwhip
nany plants where originally planted in this task? 2000
nany plants where originally planted in this
nany plants are living in this sample segment?
Y MEASURE
d you rate overall plant vigor?
ent
. x
<del></del>
total number of stems/shoots for all the living
id within the sample segment, enter total number 25
ne lateral spread, working with only living plants sample segment, measure from the center of the e farthest living shoot of that plant. Make only rement per plant. To determine average lateral living plants within this sample segment, total all measurements for all the living plants within the ad divide by the number of living plants within ont. Enter the average here
rement per plant. To determine average lateral living plants within this sample segment, total all measurements for all the living plants within the

PAGE 1

1. Was there damage from:	
A. Herbivores	
a) High	<del></del>
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	<del>X</del>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	X
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed head catching SAV's

TASK # 5 Shell Western	
SEGMENT #8  DISTRICT Gulf Coast DATE OF P.	LANTING 4/27/94
	NG DATE 6/9/94
INFORMATION PREPARED BY D. Miller/ C Midkiff	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS I	FORM)
PLANT SURVIVAL INFORMATION	~
1. Species Planted (scientific name and common name)	Scirpus californicus
•	Bullwhip
A. How many plants where originally planted in this	<del></del>
B. How many plants where originally planted in this	<del></del>
sample segment?	20
C. How many plants are living in this sample segmen	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 livi	ng
plants found within the sample segment, enter total nu	
3. To determine lateral spread, working with only living within the sample segment, measure from the center of plant to the farthest living shoot of that plant. Make one measurement per plant. To determine average la spread for living plants within this sample segment, to the lateral measurements for all the living plants within segment and divide by the number of living plants with	of the conty teral conty teral conty
that segment. Enter the average here	8"

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	<del></del> _
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	<del></del>
c) Low	x
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Seed heads catching SAV's

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/ (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA)	
PLANT SURVIVAL INFORMATION	-
1. Species Planted (scientific name and com	mon name) <u>Scirpus calif</u> ornicus
•	Bullwhip
A. How many plants where originally pl	•
B. How many plants where originally plants	
sample segment?	20
C. How many plants are living in this san	mple segment? 16
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	<u></u>
C. Fair	
D. Poor	<u> </u>
2. Count the total number of stems/shoots for	or all the living
plants found within the sample segment,	enter total number17
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only le average lateral e segment, total all g plants within the language plants within
that segment. Enter the average here	6 <sup>11</sup>

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	x
d) None	

### 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

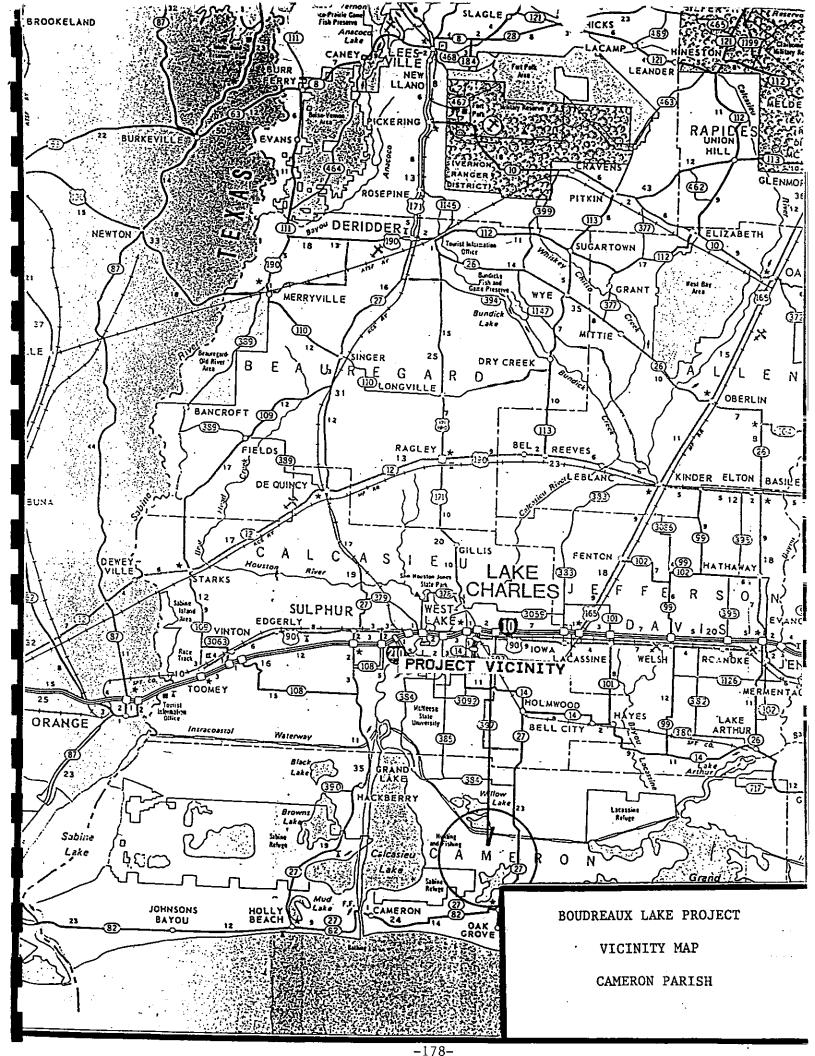
1) reduce wind generated wave action, 2) reduce
turbidity, 3) produce detritus, 4) encourage
submerged aquatic vegetation, 5) trap sediments,
6) increase the food production for waterfowl,
furbearers, alligators, and fisheries.

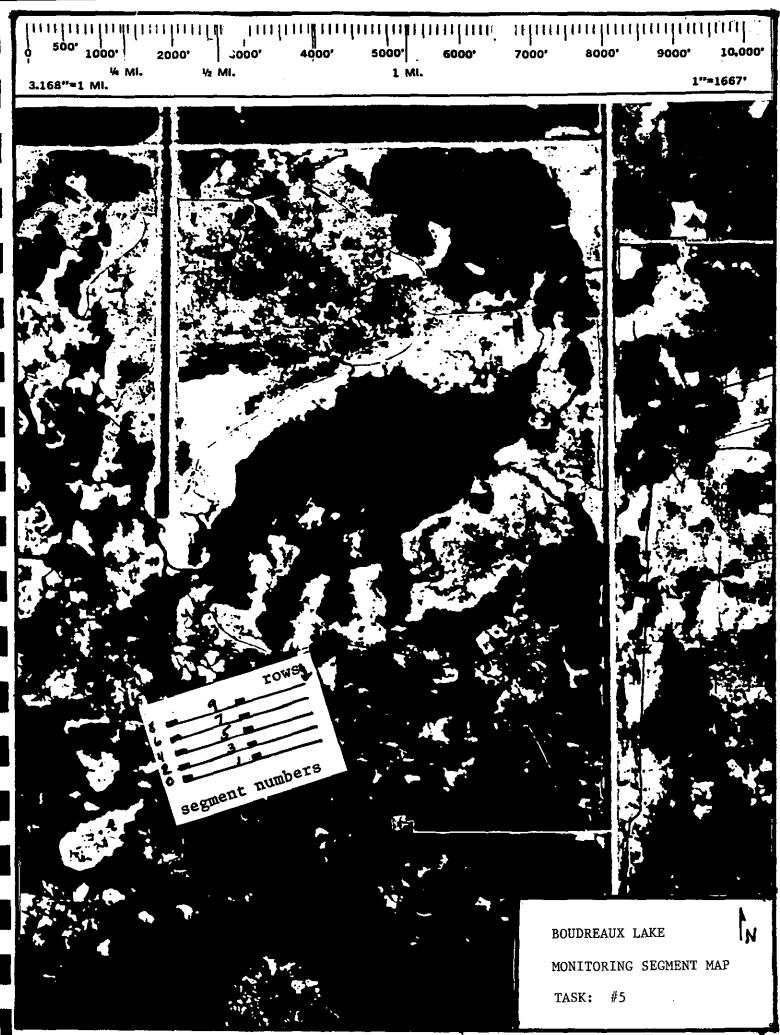
PROJECT FEATURES: Plant one gallon plugs of California
Bulrush (Scirpus californicus) in five rows, each
row will be 2000 feet in length. The rows will
be spaced approximately 200 feet apart. The
gallon plugs will spaced 5' apart within the row.
Materials needed are 2000 one gallon plugs of
California Bulrush.

### COASTAL VEGETATION F'ANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: GULF COAST DISTRICT  PROJECT NAME: LAKE BOUDREAUX  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)	_1
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION pH	<4.5 - >8.4	-	4.5-8.4	
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)	_1_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	_1_
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	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
HERBIVORE POP.	HIGH	MEDIUM	LOW	0_
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6

<sup>0-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION
6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECALIST





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.

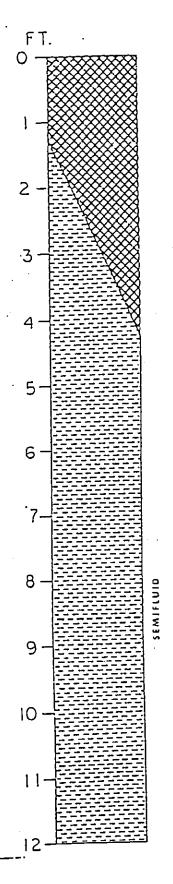
#### Soil Characteristics

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.

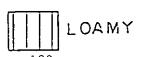
#### Use and management

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.



ORGANIC





### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DISTR	RICT: GULF COAST D	ATE OF PLANTING: 5/10/94
PARIS	SH: CAMERON D	ATE OF MONITORING: 2/8/94 3/2/94
MONITO	TORS: DOUG MILLER DOUG MILLER S CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	EGMENT NO: 0
ı.	BANK CONFIGURATION:	-
	<ul><li>(A) Distance of Fetch: 2,000'-3,000'</li><li>(B) Direction of Fetch: SOUTHEAST</li><li>(C) Water Depth: 1.8'</li></ul>	<ul><li>(D) Marsh Level: 5.2'</li><li>(E) Pond Bottom Elevation:6.6'</li><li>(F) Slope of Bank:1' CUTBANK</li></ul>
) 	Comments: Measurements of distance ar Planting in open water	e approximate
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: n/a</li></ul>	(D) Spacing Between Rows: 200' (E) Number of Rows: 5
,	Comments: Measurements of distance ar	e approximate
1111. 	DESCRIBE WAVE STILLING DEVICE OR NUTE (i.e. material used, size, shape, etc.	RIA EXCLUSIONS: n/a c.) A picture will be included.
IV.	SOILS (Type & Texture): ALLEMANDS /	MUCKY CLAY
٧.	SALINITY: O PPT	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) head</pre>	avy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (X) moderate, ( ) poor,	( ) very poor
J	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DATE OF PLANTING: 5/9/94

**DISTRICT:** GULF COAST

PARIS	SH: CAMERON DATE	OF MONITORING: 2/8/94
MONIT	TORS: DOUG MILLER DOUG MILLER SEGME CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	3/2/94 NT NO: 2
I.	BANK CONFIGURATION:	_
		Marsh Level: 5.2' Pond Bottom Elevation:6.6' Slope of Bank:1' CUTBANK
	Comments: Measurements of distance are ap Planting in open water	proximate
II.	PLANTING ALIGNMENT:	
		Spacing Between Rows: 200' Number of Rows: 5
	Comments: Measurements of distance are ap	proximate
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRIA E (i.e. material used, size, shape, etc.)	
IV.	. SOILS (Type & Texture): ALLEMANDS / MUC	KY CLAY
٧.	SALINITY: O PPT	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heavy</pre>	
	Comments:	
VII.	TRAFFICABILITY:	
	() good, (X) moderate, () poor, ()	very poor
	Comments:	·

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DATE OF PLANTING: 5/9/94

**SEGMENT NO:** 3

DATE OF MONITORING: 2/8/94

3/2/94

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON

PARISH: CAMERON

	TOMMY BILES
ı.	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 (B) Spacing in Rows: 5' (C) Distance from Bank: n/a (D) Spacing Between Rows: 200' (E) Number of Rows: 5
	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
٧.	SALINITY: O PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heavy</pre>
	Comments:
****	
VII.	TRAFFICABILITY:
	( ) good, (X) moderate, ( ) poor, ( ) very poor
	Comments:
	-10 <b>)-</b>

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DISTR:	RICT: GULF COAST DAT	E OF PLANTING: 5/9/94
<u>PARIS</u>	EH: CAMERON DAT	TE OF MONITORING: 2/8/94 3/2/94
MONITO	CORS: DOUG MILLER DOUG MILLER SEC CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	SMENT NO: 4
I.	BANK CONFIGURATION:	-
		D) Marsh Level: 5.2' E) Pond Bottom Elevation:6.6' F) Slope of Bank:1' CUTBANK
	Comments: Measurements of distance are Planting in open water	approximate
II.	PLANTING ALIGNMENT:	
	(A) Direction of Rows: SW to NE (I (B) Spacing in Rows: 5' (I (C) Distance from Bank: n/a	D) Spacing Between Rows: 200' E) Number of Rows: 5
	Comments: Measurements of distance are	approximate
m.	DESCRIBE WAVE STILLING DEVICE OR NUTRIX (i.e. material used, size, shape, etc.)	
ıv.	SOILS (Type & Texture): ALLEMANDS / N	MUCKY CLAY
v.	SALINITY: O PPT	
VI.	WAVE ACTION:	
' 	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heav</pre>	Y
•	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (X) moderate, ( ) poor, (	) very poor
	Comments:	

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DISTRI	ICT: GULF COAST	DATE OF PLANTING: 5/6/94
PARISE	E: CAMERON	DATE OF MONITORING: 2/8/94 3/2/94
MONITO	DRS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	SEGMENT NO: 5
ı.	BANK CONFIGURATION:	-
	<ul><li>(A) Distance of Fetch: 2,000'-3,00</li><li>(B) Direction of Fetch: SOUTHEAST</li><li>(C) Water Depth: 1.8'</li></ul>	0'(D) Marsh Level: 5.2' (E) Pond Bottom Elevation:6.6' (F) Slope of Bank:1' CUTBANK
	Comments: Measurements of distance Planting in open water	are approximate
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: n/a</li></ul>	(D) Spacing Between Rows: 200' (E) Number of Rows: 5
	Comments: Measurements of distance	are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	
IV.	SOILS (Type & Texture): ALLEMANDS	/ MUCKY CLAY
v.	SALINITY: O PPT	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) h	leavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (X) moderate, ( ) poor,	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 6

DOUG MILLER

CLAY MIDKIFF LOWELL THOMPSON

DATE OF PLANTING: 5/6/94

**SEGMENT NO:** 6

DATE OF MONITORING: 2/8/94

3/2/94

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER

PARISH: CAMERON

	TOMMY BILES
ı.	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' (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
٧.	SALINITY: O PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heavy</pre>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, (X) moderate, ( ) poor, ( ) very poor
	Comments: -186-

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DATE OF PLANTING: 5/6/94

**DISTRICT:** GULF COAST

PARIS	SH: CAMERON D	ATE OF MONITORING:	2/8/94 3/2/94
MONIT	CORS: DOUG MILLER DOUG MILLER S CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	EGMENT NO: 7	3/2/34
I.	BANK CONFIGURATION:	-	
	<ul><li>(A) Distance of Fetch: 2,000'-3,000'</li><li>(B) Direction of Fetch: SOUTHEAST</li><li>(C) Water Depth: 1.8'</li></ul>	(D) Marsh Level: 9 (E) Pond Bottom E (F) Slope of Bank	levation:6.6"
	Comments: Measurements of distance ar Planting in open water	e approximate	
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: n/a</li></ul>	(D) Spacing Between (E) Number of Rows	
	Comments: Measurements of distance ar	e approximate	
III.	DESCRIBE WAVE STILLING DEVICE OR NUTR (i.e. material used, size, shape, etc.	IA EXCLUSIONS: n/a .) A picture will	be included.
IV.	SOILS (Type & Texture): ALLEMANDS /	MUCKY CLAY	
٧.	SALINITY: O PPT		
VI.	WAVE ACTION:		
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) hea</pre>	vy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, (X) moderate, ( ) poor,	( ) very poor	
	Comments: -187-		·

### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DATE OF PLANTING: 5/4/94

**DISTRICT:** GULF COAST

PARIS	H: CAMERON DA	TE OF MONITORING: 2/8/94
MONITO	ORS: DOUG MILLER DOUG MILLER SE CLAY MIDKIFF LOWELL THOMPSON TOMMY BILES	3/2/94 <u>GMENT NO</u> : 8
I.	BANK CONFIGURATION:	-
		D) Marsh Level: 5.2' E) Pond Bottom Elevation:6.6' F) Slope of Bank:1' CUTBANK
	Comments: Measurements of distance are Planting in open water	approximate
II.	PLANTING ALIGNMENT:	
		D) Spacing Between Rows: 200' E) Number of Rows: 5
	Comments: Measurements of distance are	e approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NUTRI (i.e. material used, size, shape, etc.	
IV.	SOILS (Type & Texture): ALLEMANDS /	MUCKY CLAY
٧.	SALINITY: O PPT	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heav</pre>	<b>Z</b> Y
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (X) moderate, ( ) poor,	( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_6\_

DATE OF PLANTING: 5/4/94

**SEGMENT NO:** 9

DATE OF MONITORING: 2/8/94

3/2/94

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER DOUG MILLER

TOMMY BILES

CLAY MIDKIFF LOWELL THOMPSON

PARISH: CAMERON

ı.	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' (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: O PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, (X) medium, ( ) heavy</pre>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, (X) moderate, ( ) poor, ( ) very poor
	Comments:

TASK # 6 (Boudreaux Lake)	•	
SEGMENT # 0		
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	
PARISH Cameron	MONITORING DATE	6/15/94
INFORMATION PREPARED BY D. Miller		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUL	ATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and cor	nmon name)	Scirpus californicus
	,	Bullwhip
A. How many plants where originally p	lanted in this task?	2000
B. How many plants where originally p		
sample segment?	100 11 CID	20
C. How many plants are living in this s	ample segment?	18
ov -vo.v. vi	milpio 0060	
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	13
3. To determine lateral spread, working wi		
within the sample segment, measure fro	m the center of the	
plant to the farthest living shoot of that	plant. Make only	
one measurement per plant. To determi		
spread for living plants within this samp		
the lateral measurements for all the livin		
segment and divide by the number of liv		
that segment. Enter the average here		5"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
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	Х
D. Other (e.g. water debris, foot traffic, floating plants) specif	·v
the source	<u>water-hycinth</u> s
a) High	
b) Medium	
c) Low	X
d) None	

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/		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	TIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Scirpus californicus
	······································	Bullwhip
A. How many plants where originally pl	anted in this task?	2000
B. How many plants where originally plants		
sample segment?		20
C. How many plants are living in this sai	mple segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		X
C. Fair		<u>_</u>
D. Poor		
2. Clause the total surely of the self-		
2. Count the total number of stems/shoots for		1.6
plants found within the sample segment,	enter total number	16
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	
that segment. Enter the average here		5"

I. 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	<u> </u>
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating	plants) specify
the source	water-hycinths
a) High	X
b) Medium	
c) Low	
d) Mone	

TASK # 6 (Boudreaux Lake)	•	
SEGMENT # 2 DISTRICT Gulf Coast SWCD	DATE OF PLANTING	5/9/94
PARISH Cameron	MONITORING DATE	
INFORMATION PREPARED BY D. Miller		0,13,74
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	mon name)	Scirpus californicus
	,	Bullwhip
A. How many plants where originally pla	anted in this task?	2000
B. How many plants where originally pla		
sample segment?		20
C. How many plants are living in this sar	nple 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 fo	or all the living	
plants found within the sample segment, e	_	17
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only average lateral segment, total all plants within the	6 <sup>11</sup>

1. Was there damage from:	
A. Herbivores	
a) High	-
b) Medium	
c) Low	
d) None	<u> </u>
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 pla	ants) specify
the source	water-hycinths
a) High	
b) Medium	X
c) Low	
d) None	<del></del> ,

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		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	ATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Scirpus californicus
A 77		bullwhip
A. How many plants where originally pl		2000
B. How many plants where originally pl sample segment?	anted in this	20
C. How many plants are living in this sa	mple segment?	10
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 f	or all the living	
plants found within the sample segment,	enter total number	3
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only he average lateral e segment, total all plants within the	
that segment. Enter the average here		

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	<del></del>
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 p	plants) specify
the source	water-hycinths
a) High	X
b) Medium	
c) Low	
d) None	

TASK # 6 (Boudreaux Lake)	,	
SEGMENT # 4 DISTRICT Gulf Coast SWCD	D	5 (0 (0)
PARISH Cameron	DATE OF PLANTING	
PARISIT	MONITORING DATE /C. Midkiff	6/15/94
INFORMATION PREPARED BY D. Miller (Note - Include a copy of all your notes and calcula	<u> </u>	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Scirpus californicus
• • • • • • • • • • • • • • • • • • • •	<b>,</b>	bullwhip
A. How many plants where originally pl	anted in this task?	2000
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this sai	mnle seament?	20
or really plants mo nying in this sai	inpic segment:	
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		<u> </u>
C. Fair		
D. Poor		
2. Count the total number of stems/shoots for	or all the living	
plants found within the sample segment,		23
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant to the farthest living shoot of that plant measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	
that segment. Enter the average here		8"

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	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants)	specify
the source	water-hycinths
a) High	<del></del>
b) Medium	X
c) Low	
d) None	

TASK # 6 (Boudreaux Lake) SEGMENT # 5		
SEGMENT# 5 DISTRICT Gulf Coast SWCD	DATE OF PLANTING	5/6/94
PARISH Cameron	MONITORING DATE	6/15/94
INFORMATION PREPARED BY D. Miller / (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT	C. Midkiff	
PLANT SURVIVAL INFORMATION		•
1. Species Planted (scientific name and comr	non name)	<u>Scirpus calif</u> ornicus bullwhip
A. How many plants where originally pla	inted in this task?	2000
B. How many plants where originally pla		<del></del>
sample segment?		20
C. How many plants are living in this san	nple 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 plants found within the sample segment, e	_	20
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only e average lateral segment, total all plants within the	<u>6"</u>

1. Was there damage from:	
A. Herbivores	
a) High	<del></del>
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) specif	Fy
the source	water-hycinths
a) High	X
b) Medium	<del></del> _
c) Low	
d) None	

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		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	ATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	nmon name)	Scirpus californicus bullwhip
A. How many plants where originally pl	lanted in this task?	2000
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this sa	mple 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 plants found within the sample segment,		17
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only le average lateral e segment, total all plants within the	
that segment. Enter the average here		6"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	Х
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) spe	cify
the source	water-hycinths
a) High	
b) Medium	
c) Low	X
d) None	

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 CALCULA	TIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and common name)		Scirpus californicus
•	•	bullwhip
A. How many plants where originally pl	anted in this task?	2000
B. How many plants where originally pl		<del></del>
sample segment?		20
C. How many plants are living in this sample segment?		20
C. 120 V		
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 f	or all the living	
		12
plants found within the sample segment,	enter total number	1,2
3. To determine lateral spread, working with	h only living plants	
within the sample segment, measure from	n the center of the	
plant to the farthest living shoot of that p	lant. Make only	
one measurement per plant. To determin		
spread for living plants within this sample		
the lateral measurements for all the living	_	
segment and divide by the number of livi		
that segment. Enter the average here	0 r	5 <b>''</b>

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	water-hycinths
a) High	
b) Medium	
c) Low	X
d) None	

TASK # 6 (Boudreaux Lake)	•	
SEGMENT # 8	<b>D</b> D	= 11.101
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	
PARISH Cameron	MONITORING DATE	6/15/94
INFORMATION PREPARED BY D. Miller		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUT	LATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	mmon name)	Scirpus californicus
-, - <b>,</b>	,	bullwhip
A. How many plants where originally	planted in this task?	2000
B. How many plants where originally j		<del></del>
sample segment?		20
C. How many plants are living in this s	ample segment?	10
C. How many plants are highly in this	mb.o 1-2	
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		
plants found within the sample segment	t, enter total number	0
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determine the same and for the same and sa	om the center of the plant. Make only ine average lateral	
spread for living plants within this samp the lateral measurements for all the living	_	
segment and divide by the number of liv	<b>-</b> •	
that segment. Enter the average here	ung hranes within	0
mat segment. Enter me average here		

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 p	lants) specify
the source	water-hycinths
a) High	X
b) Medium	
c) Low	
d) None	

TASK # 6 (Boudreaux Lake)	•	
SEGMENT # 9		
DISTRICT Gulf Coast SI	WCD DATE OF PLANTING	5/4/94
PARISH Cameron	MONITORING DATE	6/15/94
INFORMATION PREPARED E	BY D. Miller / C. Midkiff	
(NOTE - INCLUDE A COPY OF ALL YOU	R NOTES AND CALCULATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientifi	ic name and common name)	Scirpus californicus
• (========	,	bullwhip
A. How many plants wi	here originally planted in this task?	2000
	nere originally planted in this	
sample segment?	ord virginity president in the	20
<del>_</del> _ <del>_</del> _	e living in this sample segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate ove	mil mione minor?	
A. Excellent	ran piant vigor?	
B. Good		
C. Fair		X
D. Poor		^
D. Poor		
	of stems/shoots for all the living	
plants found within the s	ample segment, enter total number	7
	ad, working with only living plants nt, measure from the center of the	
<del>_</del>		
	g shoot of that plant. Make only	
	ant. To determine average lateral	
	vithin this sample segment, total all	
	for all the living plants within the	
	e number of living plants within	3"
that segment. Enter the	average here	<u>j</u> ``

1. Was there damage from:	
A. Herbivores	
a) High	<del></del>
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) specif	fy
the source	water-hycinths
a) High	
b) Medium	X
c) Low	
d) None	

# 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).

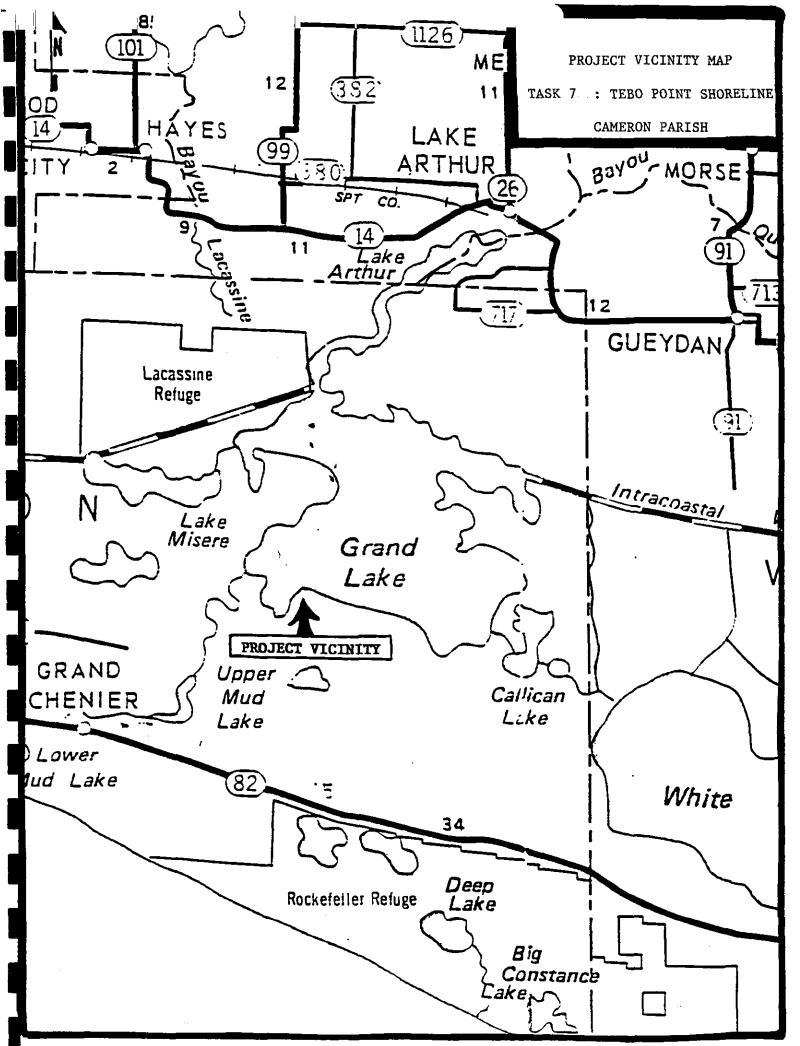
PROJECT OBJECTIVES: To provide a living natural barrier against wave induced shoreline erosion. This shoreline has been retreating at a rapid rate. Currently, a very rapid shoreline retreat is buffered by a narrow vegetative marsh remnant.

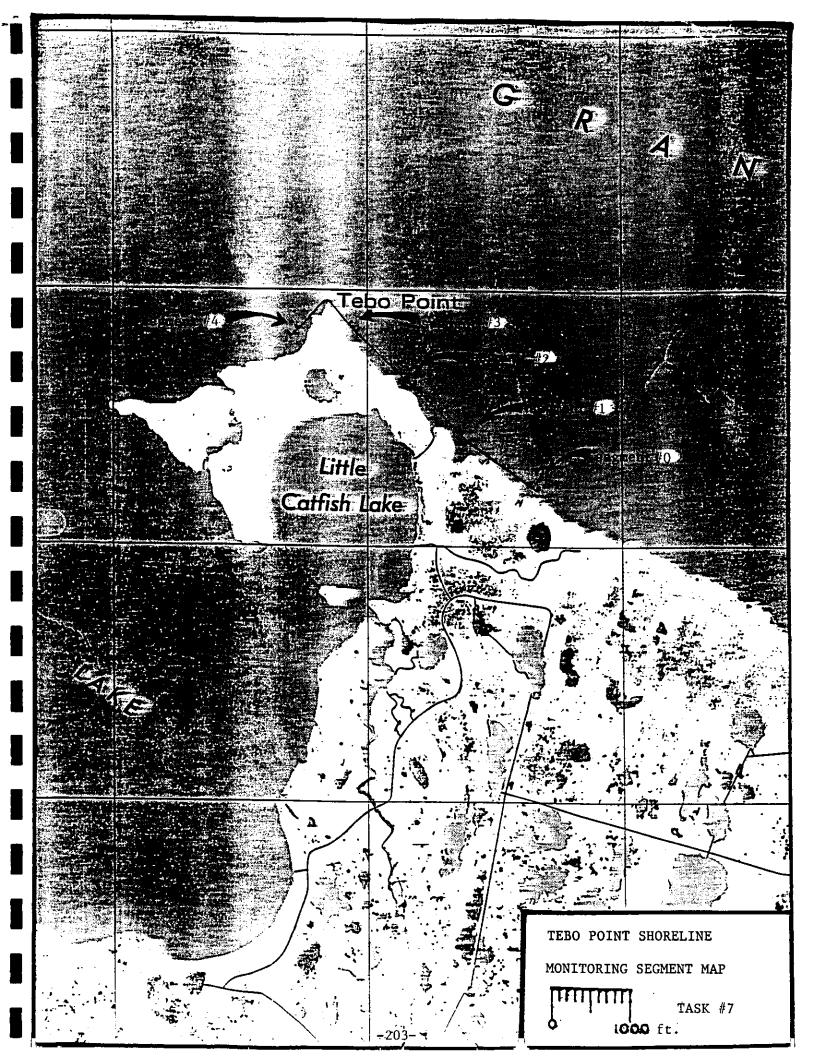
PROJECT FEATURES: Plant 820 gallon containers of California Bulrush (Scirpus californicus) on one row. Plants will be spaced 5 feet apart on the row. Plantings will be made on the eroding shoreline of Tebo Point. Approximately 4,100 feet of shoreline will be planted.

#### COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD:PROJECT NAME:	GULF COAST TEBO POINT SHORE	T.TME PROPECTION		
SITE EVALUATOR:	CLAY MIDKIFF	DIME PROTECTION	DATE: 10/93	
	<del></del>			
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINTS
SOILS ELEMENTS:				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	_1_
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION PH	<4.5 - >8.4	-	4.5-8.4	0
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	0
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	o_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	- H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
ENERGY COMPONENTS:				
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	2_
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	2_
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	0
SHORE LINE FEATURES	Ŀ			
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	_ 0
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
HERBIVORE POP.	HIGH	MEDIUM	LOW	_ 0
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1
(ADD ALL POINTS FROM	M ABOVE)		POINT TOTAL	7

<sup>0-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION >6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECALIST





FT. 10 11

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.







#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DATE OF PLANTING: 5/25/94

**SEGMENT NO:** 0

DATE OF MONITORING: 2/16/94

**DISTRICT:** GULF COAST

MONITORS: DOUG MILLER

CLAY MIDKIFF

PARISH: CAMERON

	LOWELL THOMPSON
ı.	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 (B) Spacing in Rows: 5' (C) Distance from Bank: 50' (D) Spacing between Rows: - (E) Number of Rows: 1
	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
٧.	SALINITY: 0 PPT
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) ( ) light, ( ) medium, (X) heavy</pre>
	Comments:
VII.	TRAFFICABILITY:
	( ) good, (X) moderate, ( ) poor, ( ) very poor
	Comments:
	<b>-</b> 205 <b>-</b>

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DATE OF PLANTING: 5/25/94

**DISTRICT:** GULF COAST

PARIS	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 1
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: NORTH</li><li>(C) Water Depth: 1.8'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 6.9'</li><li>(F) Slope of Bank: 1' cutbank</li></ul>
	Comments: LAROSE SOIL - SLIGHTLY FI  * Measurements of distant	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: E to W</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 50'</li></ul>	(D) Spacing between Rows: - (E) Number of Rows: 1
	Comments: * Measurements of distant	ce are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	
IV.	SOILS (Type & Texture): WATERBOT	TOM / CLAY
٧.	SALINITY: 0 PPT	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) ( ) light, ( ) medium, (X)	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (X) moderate, ( ) poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTR	ICT: GULF COAST	DATE OF PLANTING: 5/23/94
PARIS	H: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 2
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: NORTH</li><li>(C) Water Depth: 1.7'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 6.9</li><li>(F) Slope of Bank: 1' cutbank</li></ul>
	Comments: LAROSE SOIL - SLIGHTLY F: * Measurements of distant	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: E to W</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 100'</li></ul>	<ul><li>(D) Spacing between Rows: -</li><li>(E) Number of Rows: 1</li></ul>
	Comments: * Measurements of distant	ce are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape,	UTRIA EXCLUSIONS: N/A etc.) A picture will be included.
IV.	SOILS (Type & Texture): WATERBOT	TOM / CLAY
v.	SALINITY: 0 PPT	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) ( ) light, ( ) medium, (X)	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	(X) good, () moderate, () poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTR:	ICT: GULF COAST	DATE OF PLANTING: 5/23/94
PARIS	E: CAMERON	DATE OF MONITORING: 2/16/94
MONIT	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 3
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: NORTH</li><li>(C) Water Depth: 1.7'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 6.9</li><li>(F) Slope of Bank: 1' cutbank</li></ul>
	Comments: LAROSE SOIL - SLIGHTLY FL * Measurements of distance	
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: E to W</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 150'</li></ul>	(D) Spacing between Rows: - (E) Number of Rows: 1
	Comments: * Measurements of distance	e are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	TRIA EXCLUSIONS: N/A etc.) A picture will be included.
IV.	SOILS (Type & Texture): WATERBOTT	COM / CLAY
٧.	SALINITY: 0 PPT	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) ( ) light, ( ) medium, (X) h	neavy
	Comments:	
VII.	TRAFFICABILITY:	
	(X) good, () moderate, () poor,	( ) very poor
	Comments:	,

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 7

DISTR	RICT: GULF COAST	DATE OF PLANTING: 5/20/94
<u>PARIS</u>	EH: CAMERON	DATE OF MONITORING: 2/16/94
TINOM	ORS: DOUG MILLER CLAY MIDKIFF LOWELL THOMPSON	SEGMENT NO: 4
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: &gt; 1 MILE</li><li>(B) Direction of Fetch: NORTHWEST</li><li>(C) Water Depth: 1.5'</li></ul>	<ul><li>(D) Marsh Level: 5.1'</li><li>(E) Pond Bottom Elevation: 6.9'</li><li>(F) Slope of Bank: 1' cutbank</li></ul>
	Comments: LAROSE SOIL - SLIGHTLY FI * Measurements of distant	··· =
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank: 50'</li></ul>	<ul><li>(D) Spacing between Rows: -</li><li>(E) Number of Rows: 1</li></ul>
	Comments: * Measurements of distance	ce are approximate
III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, or sha	UTRIA EXCLUSIONS: N/A etc.) A picture will be included.
IV.	SOILS (Type & Texture): WATERBOT	TOM / CLAY
٧.	SALINITY: 0 PPT	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) ( ) light, ( ) medium, (X) l	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	(X) good, () moderate, () poor	, ( ) very poor
	Comments:	

<del>-</del>209-

SEGMENT# 0  DISTRICT Gulf Coast SWCD MONITORING 7/19/94  PARISH Cameron MONITORING DATE 1NFORMATION PREPARED BY D. Miller / C. Midkiff (Note-Include a copy of all your notes and calculations with theis form)  PLANT SURVIVAL INFORMATION  1. Species Planted (scientific name and common name)  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?  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  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 measurements per plant. To determine average lateral spread for living plants within the sample segment, total all the lateral measurements for all the living plants within the segment and divide by the number of living plants within the segment within the segment and divide by the number of living plants within the segment within the segment and divide by the number of living plants within the segment within the segment and divide by the number of living plants within the segment within the segment and susteen the segment within the segment and susteen the segment within the segment within the segment and susteen the segment within the segment withi	TASK # 7 (Tebo Point Shoreline)	•	
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)  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?  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  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			
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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?  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  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	, , , , , , , , , , , , , , , , , , , ,	,	
B. How many plants where originally planted in this sample segment?  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  2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number  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	A. How many plants where originally pla	anted in this task?	
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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  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		nple segment?	20
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  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	PLANT PRODUCTIVITY MEASURE		
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  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	1. How would you rate overall plant vigor?		
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  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			X
2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number  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	B. Good		
<ul> <li>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</li> </ul>	C. Fair		
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	D. Poor		
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	2. Count the total number of stems/shoots for	or all the living	
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	plants found within the sample segment, e	enter total number	10
	within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample	the center of the ant. Make only e average lateral segment, total all	
that segment. Enter the average here	segment and divide by the number of livin		4"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	<del></del>
d) None	X
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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

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		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULA	ATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and com	imon name)	Scirpus californicus
		bullwhip
A. How many plants where originally pl	lanted in this task?	820
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this sa	mple segment?	16
		<del></del>
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 f	oe all the living	
plants found within the sample segment,		12
print round within the sample segment,	CHEL TOTAL HUMBOCI	
3. To determine lateral spread, working with	h only living plants	
within the sample segment, measure from	n the center of the	
plant to the farthest living shoot of that p		
one measurement per plant. To determine		
spread for living plants within this sample		
the lateral measurements for all the living	niants within the	
segment and divide by the number of livi		
that segment. Enter the average here	b L	6"

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	<u> </u>
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

TASK # 7 (Tebo Point Shoreline)		
SEGMENT # 2		
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	5/23/94
PARISH Cameron	MONITORING DATE	
INFORMATION PREPARED BY D. Miller,	C. Midkiff	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCUL	ATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and con	nmon name)	Scirpus californicus
		bullwhip
A. How many plants where originally p	lanted in this tack?	820
B. How many plants where originally p		<u> </u>
sample segment?		20
C. How many plants are living in this sa	imple segment?	17
The state of the s	anpie definent.	
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,		21
•		
3. To determine lateral spread, working with	th only living plants	
within the sample segment, measure from	n the center of the	
plant to the farthest living shoot of that I	plant. Make only	
one measurement per plant. To determine		
spread for living plants within this sample		
the lateral measurements for all the living		
segment and divide by the number of livi	ng plants within	
that segment. Enter the average here	L	10"

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

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	•	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCU		
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and co	mmon name)	Scirpus californicus bullwhip
A. How many plants where originally	planted in this task?	820
B. How many plants where originally	•	<del></del>
sample segment?		20
C. How many plants are living in this	sample segment?	18
PLANT PRODUCTIVITY MEASURE		
<ol> <li>How would you rate overall plant vigor</li> </ol>	:?	
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 segmen	t, enter total number	29
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living	om the center of the plant. Make only ine average lateral ple segment, total all	
segment and divide by the number of li-		11"

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	<u> </u>
D. Ciner (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) None	Х

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

TASK # 7 (Tebo Point Shoreline)	•	
SEGMENT#4_	_	
DISTRICT Gulf Coast SWCD	DATE OF PLANTING	<del></del>
PARISH Cameron	MONITORING DATE	7/19/94
INFORMATION PREPARED BY D. Mille		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALC	ULATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and co	ommon name)	Scirpus californicus
• • • • • • • • • • • • • • • • • • • •	<b>,</b>	bullwhip
A. How many plants where originally	planted in this task?	820
B. How many plants where originally	_	
sample segment?		20
C. How many plants are living in this	sample segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	nr?	
A. Excellent	<i>}</i> .	X
B. Good		
C. Fair		
D. Poor		<del></del>
D. Foor		
2. Count the total number of stems/shoot	s for all the living	
plants found within the sample segmen	nt, enter total number	14
3. To determine lateral spread, working within the sample segment, measure fit plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living segment and divide by the number of living plants.	rom the center of the at plant. Make only nine average lateral aple segment, total all ing plants within the	
that segment. Enter the average here	<b>~</b> 4	63"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
B. Insects	
a) High	
b) Medium	~
c) Low	
d) None	<u> </u>
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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

1

# 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.

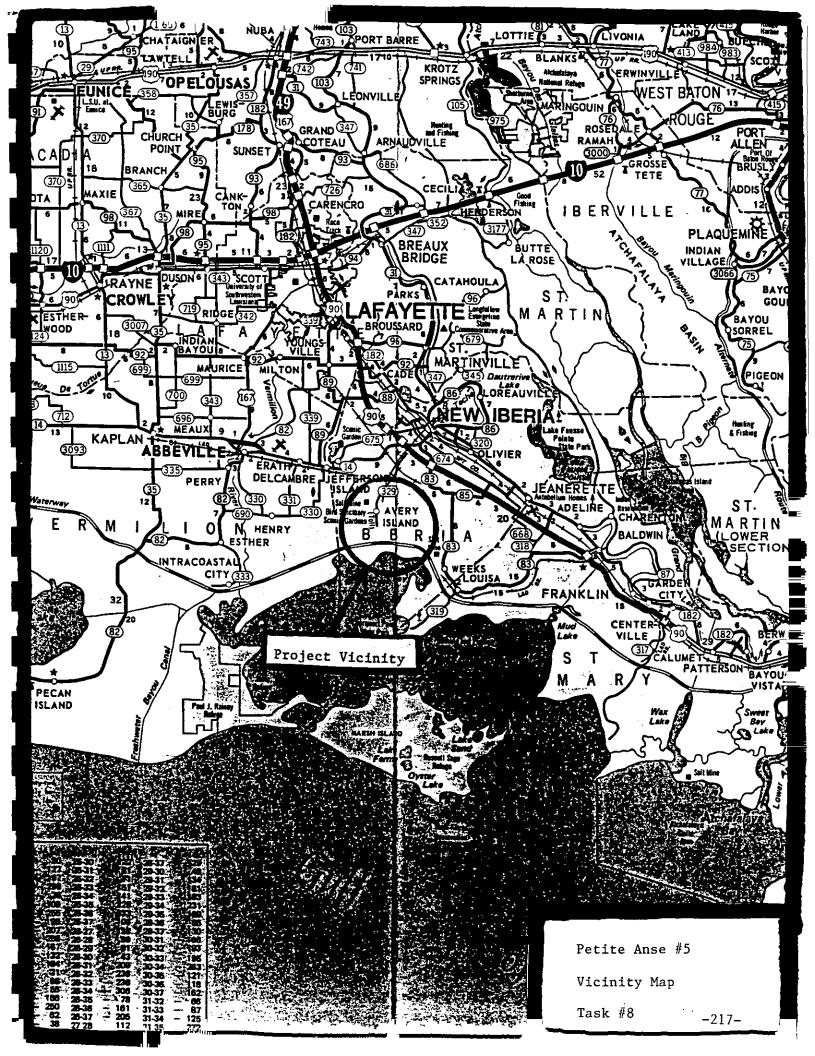
PROJECT FEATURES: The proposed project consists of planting
 smooth cordgrass , single stem, on two foot
 spacing in alternate rows. Also, 300 (1) gallon
 containers will be planted on 5' spacing.

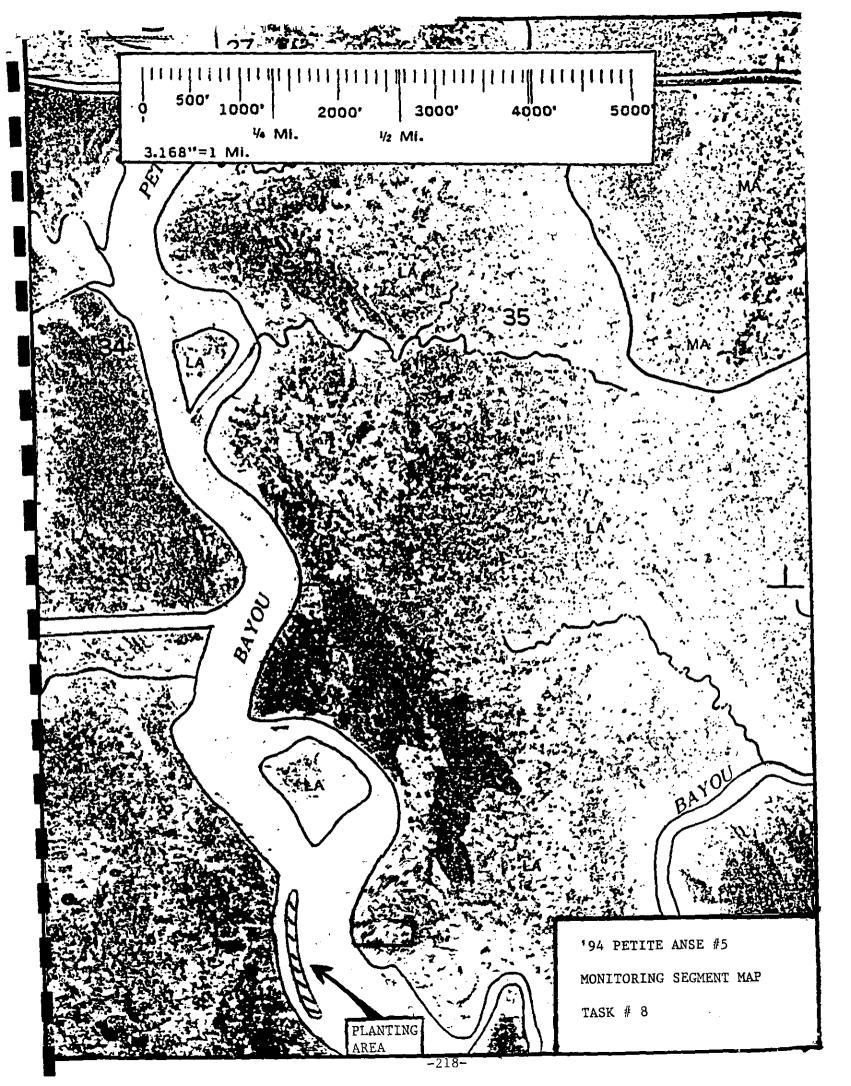
# COASTAL VEGOCATION F. NTING PROJECT SITE EVALUATION WORKSHEET

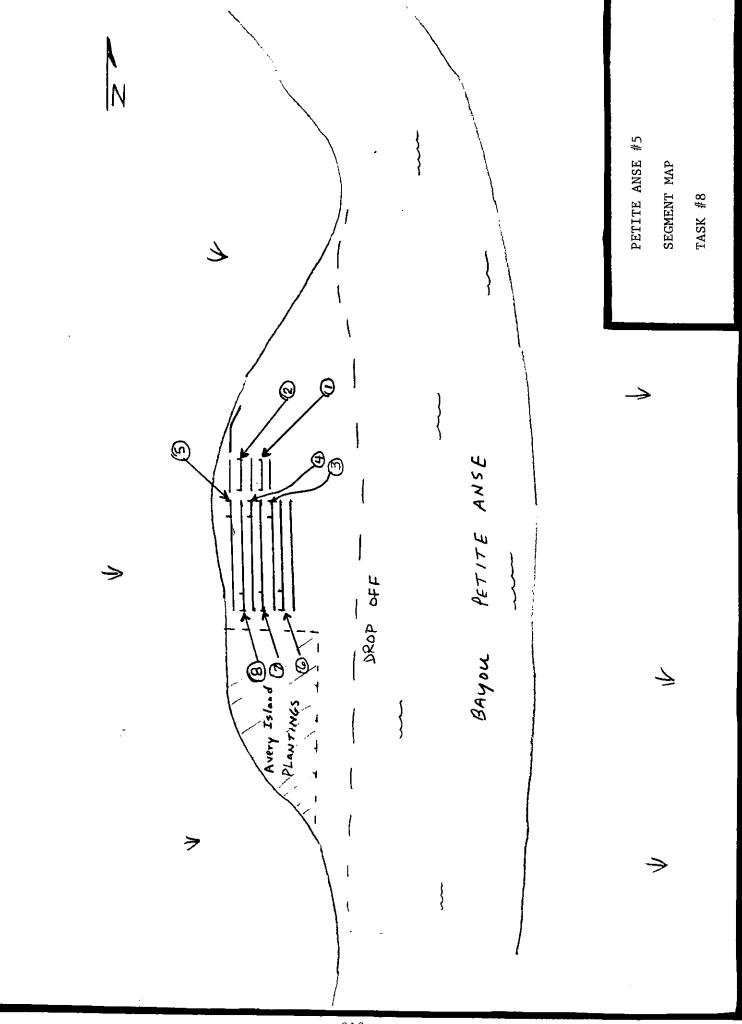
SWCD: IBERIA PROJECT NAME: PETITE ANSE #5 SITE EVALUATOR: C. MIDKIFF, B. BROUSSARD DATE: 5-17-93					
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINTS	
SOILS ELEMENTS:		•			
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2	
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0	
REACTION PH	<4.5 - >8.4	<b>-</b>	4.5-8.4	0	
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)		
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0	
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	1	
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	1	
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	0	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0	
HERBIVORE POP.	HIGH	MEDIUM	LOW	_ 0 _	
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	1	
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6	

<sup>1-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

1 DOINTS - SUPPLED FURIELTION VEFOED (CONTACT APPROPRIATE SPECIALS)







#### 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	Classification			Percentage Passing Sieve			
Horizons (inches)	USDA Texture	Unified	AASHO	<i>i</i> ‡4	#10	#40	#200
J-132	hemic and sapric material	Pt	A-8	-	-	-	_
	·			ţ	}		
						ļ	

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

U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, FORT WORTH TEXAS

USBA SCT FORT WORTH TEE 1875

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 8

DIST	RICT: IBERIA	DATE OF PLANTING: 6/13/94
PARI	SH: IBERIA	DATE OF MONITORING: 3/16/94
<u>Мойі.</u>	TORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	<b><u>BEGMENT NO</u></b> : 1 - 2
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: east</li><li>(C) Water Depth: .7'</li></ul>	<ul><li>(D) Marsh Level: 5.5'</li><li>(E) Pond Bottom Elevation: 7.</li><li>(F) Slope of Bank: 18"cutbank</li></ul>
II.	Comments: * Measurements of distant Mudflats are exposed on Slope is relatively flat PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank:10'-50'</li></ul>	<ul><li>(D) Spacing Between Rows: 5'</li><li>(E) Number of Rows: 5</li></ul>
	Comments: * Measurements of distar Segment consist of trade	
III.	DESCRIBE WAVE STILLING DEVICE OR 1 (i.e. material used, size, shape,	
IV.	SOILS (Type & Texture): Lafitte	/ Association
٧.	SALINITY: 1 ppt	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or (X) boat (B) ( ) light, (X) medium, ( )</pre>	heavy
	Comments: Frequent barge traffic	
VII.	TRAFFICABILITY:	
	() good, (X) moderate, () poor	r, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 8

DATE OF PLANTING: 6/13/94

DATE OF MONITORING: 3/16/94

DISTRICT: IBERIA

PARISH: IBERIA

MONITO	FORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	SEGMENT	<u><b>NO</b></u> : 3	- 8	
I.	BANK CONFIGURATION:			-	
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: east</li><li>(C) Water Depth: .7'</li></ul>	(E) Po	nd Bot	vel: 5.5' tom Eleva Bank: 18	tion: 7.3'
II.	Comments: * Measurements of distance Mudflats are exposed on log Slope is relatively flat fr PLANTING ALIGNMENT:	w tide			
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank:10'-50'</li></ul>			etween Ro Rows: 6	ws: 5'
	Comments: * Measurements of distance Alternate spacing with sing 7th row was with gallon po	gle stem ts on 5'	ns 'spaci	ng	
III.	DESCRIBE WAVE STILLING DEVICE OR NUT (i.e. material used, size, shape, et				included.
IV.	SOILS (Type & Texture): Lafitte /	Associat	cion		
٧.	SALINITY: 1 ppt				
VI.	WAVE ACTION:				
	<pre>(A) (X) wind and/or (X) boat (B) ( ) light, (X) medium, ( ) he</pre>	avy			
	Comments: Frequent barge traffic				
VII.	TRAFFICABILITY:				
	( ) good, (X) moderate, ( ) poor,	( ) vei	ry poor	•	
	Comments:				

TASK # 8 (Petite Anse #5)	
SEGMENT # 1 DISTRICT _ Iberia SWCD	DATE OF PLANTING 6/13/94
	MONITORING DATE 7/18/94
INFORMATION PREPARED BY D. Miller/B. (Note - Include a copy of all your notes and calculate	
PLANT SURVIVAL INFORMATION	_
1. Species Planted (scientific name and comm	Spartina alterniflora Smooth cordgrass
A. How many plants where originally plan	nted in this task?
B. How many plants where originally plan	
sample segment?	20
C. How many plants are living in this sam	
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, en	nter total number11
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pla one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living page segment and divide by the number of living that are the same as the same and the same are the same as	the center of the ant. Make only average lateral segment, total all plants within the g plants within
that segment. Enter the average here	<u>3"</u>

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	х
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

TASK # 8 (Petite Anse #5)	
SEGMENT#	
DISTRICT Iberia SWCD DATE OF PLANTING	6/13/94
PARISH Iberia MONITORING DATE	7/18/94
INFORMATION PREPARED BY <u>D.Miller/B.Broussard</u> /K.Louvier (Note-Include a copy of all your notes and calculations with this form)	re
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	
	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	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"

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	х
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	х
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Trade Gallons planted in segment

TASK # 8 (Petite Anse #5)	
SEGMENT # 3	_
DISTRICT Iberia SWCD DATE OF PLANTING	
PARISH MONITORING DATE	
INFORMATION PREPARED BY D.Miller/B.Broussard/K.Louvie	ere
(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
1	Smooth_corderass
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	
	<del></del>
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

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	x
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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

TASK # 8 (Petite Anse #5) SEGMENT# 4	
The state of the s	TE OF PLANTING 6/13/94
	DNITORING DATE 7/18/94
INFORMATION PREPARED BY D.Miller/B.Brous	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS V	
PLANT SURVIVAL INFORMATION	~
1. Species Planted (scientific name and common	name) <u>Spartina alterniflora</u> Smooth cordgrass
A. How many plants where originally planted	in this task? 3,300
B. How many plants where originally planted	
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	<u> </u>
C. Fair	
D. Poor	
2. Count the total number of stems/shoots for all	l the living
plants found within the sample segment, enter	r total number10
3. To determine lateral spread, working with only within the sample segment, measure from the plant to the farthest living shoot of that plant, one measurement per plant. To determine average for living plants within this sample segment lateral measurements for all the living plant segment and divide by the number of living plant that segment. Enter the average here	center of the Make only erage lateral ment, total all ats within the

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	<u> </u>
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 Single stems planted in segments

TASK #_8 (Petite Anse #5) SEGMENT # 5	. •	
DISTRICT Iberia SWCD	DATE OF PLANTING _	6/13/94
PARISH Iberia	MONITORING DATE	
INFORMATION PREPARED BY D.Miller/ (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALC		
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and co	ommon name)	<u>Spartina alterniflor</u> Smooth cordgrass
A. How many plants where originally B. How many plants where originally	<b>-</b>	3,300
sample segment?		100.
C. How many plants are living in this	sample segment?	100
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo A. Excellent B. Good C. Fair D. Poor	or?	x
2. Count the total number of stems/shoot plants found within the sample segment	<del>_</del>	10
3. To determine lateral spread, working within the sample segment, measure for plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living segment and divide by the number of I that segment. Firest the average here	rom the center of the at plant. Make only nine average lateral uple segment, total all ing plants within the iving plants within	

1. Was there damage from: A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	
c) Low	<del></del>
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

Single stems planted in segment

TASK # 8 (Petite Anse #5)	
SEGMENT # 6	
DISTRICT Iberia SWCD DATE OF PLANTING	6/13/94
PARISH Iberia MONITORING DATE	
INFORMATION PREPARED BY D.Miller/B.Broussard/K.Louvie	ere
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION	-
1. Species Planted (scientific name and common name)	
of other timined (selection timine)	<u>Spartina alterniflora</u> <u>Smooth cordgrass</u>
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	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	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"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<del></del>
d) None	x
B. Insects	
a) High	
b) Medium	<del></del>
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	<u>x</u>

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Single stems planted in segment

TASK # 8 (Petite Anse #5)	
SEGMENT #	
DISTRICT	DATE OF PLANTING _6/13/94
PARISH Iberia	MONITORING DATE 7/18/94
INFORMATION PREPARED BY D.Miller/B.Br	oussard/K.Louviere
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATION	INS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	<del>-</del>
1. Species Planted (scientific name and comm	OB name)
The state of the s	<del></del>
A How many plants when originally plan	Smooth cordgrass
A. How many plants where originally plan	ited in this task? 3,300
B. How many plants where originally plan	
sample segment?	100
C. How many plants are living in this samp	ple segment?98
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	
C. Fair	X
D. Poor	<del></del>
21100	
2. Count the total number of stems/shoots for	
plants found within the sample segment, en	ter total number7
3. To determine lateral spread, working with a within the sample segment, measure from the plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample state the lateral measurements for all the living plants.	he center of the nt. Make only average lateral egment, total all lants within the
segment and divide by the number of living	plants within
that segment. Enter the average here	.5"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	<del></del>
d) None	х
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	х
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

Single stems planted in segment

TASK # 8 (Petite Anse #5)	•	
SEGMENT #8		
DISTRICT Theria SWCD	DATE OF PLANTING	6/13/94
PARISH Iberia	MONITORING DATE	7/18/94
INFORMATION PREPARED BY D.Miller/B.I		:
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT	IONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		-
1. Species Planted (scientific name and comr	non name)	Snartina alterniflora
• • • • • • • • • • • • • • • • • • • •	<b>,</b>	Smooth cordgrass
A. How many plants where originally pla	ented in this task?	3.300
B. How many plants where originally pla		
sample segment?		100
C. How many plants are living in this san	nple segment?	100
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		<del></del>
B. Good		x
C. Fair		
D. Poor		
2. Count the total number of stems/shoots for	or all the living	
plants found within the sample segment, o	enter total number	9
3. To determine lateral spread, working with		
within the sample segment, measure from		
plant to the farthest living shoot of that pl		
one measurement per plant. To determin	<del>-</del>	
spread for living plants within this sample		
the lateral measurements for all the living		
segment and divide by the number of livin	ig plants within	.5"
that segment. Enter the average here		•3

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	х
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	х

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.

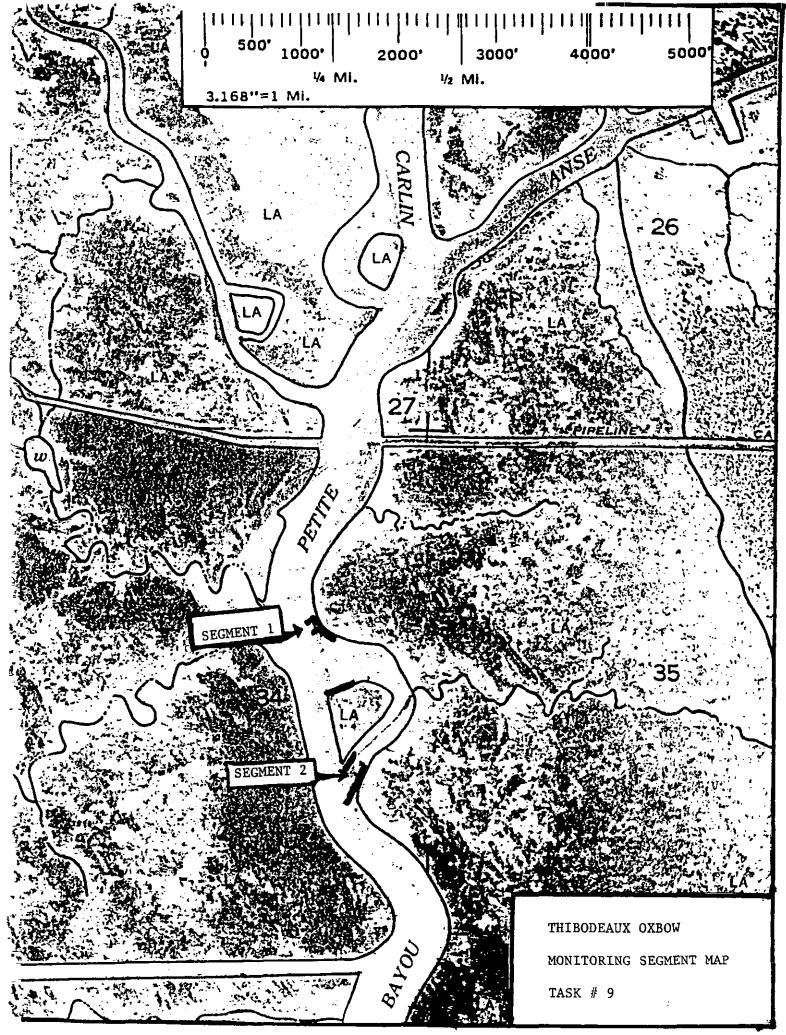
#### COASTAL VEGETATION PY ANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: IBERIA PROJECT NAME: THIBODE SITE EVALUATOR: C. MI		ARD	DATE:	5-17-93
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	<u>POINTS</u>
SOILS ELEMENTS:				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0
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,	H202) -	pH ≥4.5	
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
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	_1_
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	0
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
HERBIVORE POP.	HIGH	MEDIUM	LOW	0
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	66

<sup>0-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

SOUTHER - SUBMITTED FUNITION NEEDED (CONTACT APPROPRIATE SPECALIST





#### 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 pends 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. In 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.

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ა-132	hemic and sapric material	Pt	A-8	-	-	-	-

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Same Horizons As Above	<u>-</u>	-	-	-	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

U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, FORT WOPTH TEXAS

# SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 9

DISTR	ICT: IBERIA	DATE OF PLANTING: 6/6/94
PARIS	H: IBERIA	DATE OF MONITORING: 3/16/94
MONIT	ORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	SEGMENT NO: 1
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1000'</li><li>(B) Direction of Fetch: southwest</li><li>(C) Water Depth: .6'</li></ul>	<ul><li>(D) Marsh Level: 5.7'</li><li>(E) Pond Bottom Elevation: 8.6</li><li>(F) Slope of Bank: 8" cutbank</li></ul>
II.	Comments: * Measurements of distance Mudflats are exposed on l Slope is relatively flat PLANTING ALIGNMENT:	ow tide
	<ul><li>(A) Direction of Rows: NW to SE</li><li>(B) Spacing in Rows: 5'</li><li>(C) Distance from Bank:5'&amp; 10'</li></ul>	(D) Spacing Between Rows: 5' (E) Number of Rows: 2
ııı.	Comments: * Measurements of distance Alternate spacing with gas Rows follow the bend in to DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, each	allon containers The bayou TTRIA EXCLUSIONS: N/A
IV.	SOILS (Type & Texture): Lafitte	,
v. 	SALINITY: 1 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or (X) boat (B) () light, (X) medium, () h	neavy
,	Comments: Frequent barge traffic	
VII.	TRAFFICABILITY:	
Ī	( ) good, ( ) moderate, (X) poor	, ( ) very poor
	Comments:	

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 9

DISTR	ICT: IBERIA	DATE OF PLANTING: 6/6/94
<u>PARIS</u>	H: IBERIA	DATE OF MONITORING: 3/16/94
MONIT	ORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	SEGMENT NO: 2
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: northwest</li><li>(C) Water Depth: .6'</li></ul>	<ul><li>(D) Marsh Level: 5.5'</li><li>(E) Pond Bottom Elevation: 7.8</li><li>(F) Slope of Bank: 6"cutbank</li></ul>
II.	Comments: * Measurements of distance Mudflats are exposed on Slope is relatively fla PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SW to NE</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank:10'-20'</li></ul>	<pre>(D) Spacing Between Rows: 2' (E) Number of Rows: 2</pre>
III.	Comments: * Measurements of distance Alternate spacing with si Rows follow bend in the EDESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, etc.)	ngle stems ayou TRIA EXCLUSIONS: N/A
IV.	SOILS (Type & Texture): Lafitte /	Association
v.	SALINITY: 1 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or (X) boat (B) () light, (X) medium, () h	eavy
	Comments: Frequent barge traffic	
VII.	TRAFFICABILITY:	
	() good, () moderate, (X) poor,	( ) very poor
	Comments:	

TASK #_ 9 (Thibodeaux-Oxbow)	
SEGMENT # 1	
DISTRICT Iberia SWCD	DATE OF PLANTING6/6/94
PARISH Iberia	MONITORING DATE 7/18/94
INFORMATION PREPARED BY D. Miller/ B	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULATION	ons with this form)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and comm	on name) S <u>partina alte</u> rniflora
•	smooth cordgrass
A. How many plants where originally plan	_ <del></del>
B. How many plants where originally plan	
sample segment?	20
C. How many plants are living in this samp	<del></del>
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	X
C. Fair	<u> </u>
D. Poor	
<i>D</i> . 1001	<del></del>
2. Count the total number of stems/shoots for	all the living
plants found within the sample segment, en	iter total number30
3. To determine lateral spread, working with a within the sample segment, measure from the plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample such the lateral measurements for all the living processing processing the segment and divide by the number of living	he center of the nt. Make only average lateral regment, total all lants within the
that segment. Enter the average here	2"

Was there damage from:     A. Herbivores	
a) High	
b) Medium	
c) Low	<del></del>
d) None	
u) None	X
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	<u>X</u>
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot t	raffic, floating plants) specify
the source	water-hycinths
a) High	
b) Medium	
c) Low	X
d) None	

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Trade gallons planted in segment.

TASK # 9 (Thibodeaux-Oxbow)		÷
SEGMENT # 2		
DISTRICT Iberia SWCD	DATE OF PLANTING	6/6/94
PARISH <u>Iberia</u>	MONITORING DATE	
INFORMATION PREPARED BY D. Miller/B.	_	· · · · · · · · · · · · · · · · · · ·
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comme	non name)	<u>Spartina alte</u> rniflora smooth cordgrass
A. How many plants where originally pla	inted in this task?	
B. How many plants where originally pla		
sample segment?		100
C. How many plants are living in this san	nple segment?	98
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	or all the living	
plants found within the sample segment, e		10
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only e average lateral segment, total all plants within the	
that segment. Enter the average here		0"

Was there damage from:     A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
B. Insects	
a) High	
b) Medium	
c) Low	<del></del>
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	_water-hyncinths
a) High	
b) Medium	
c) Low	X
d) None	

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

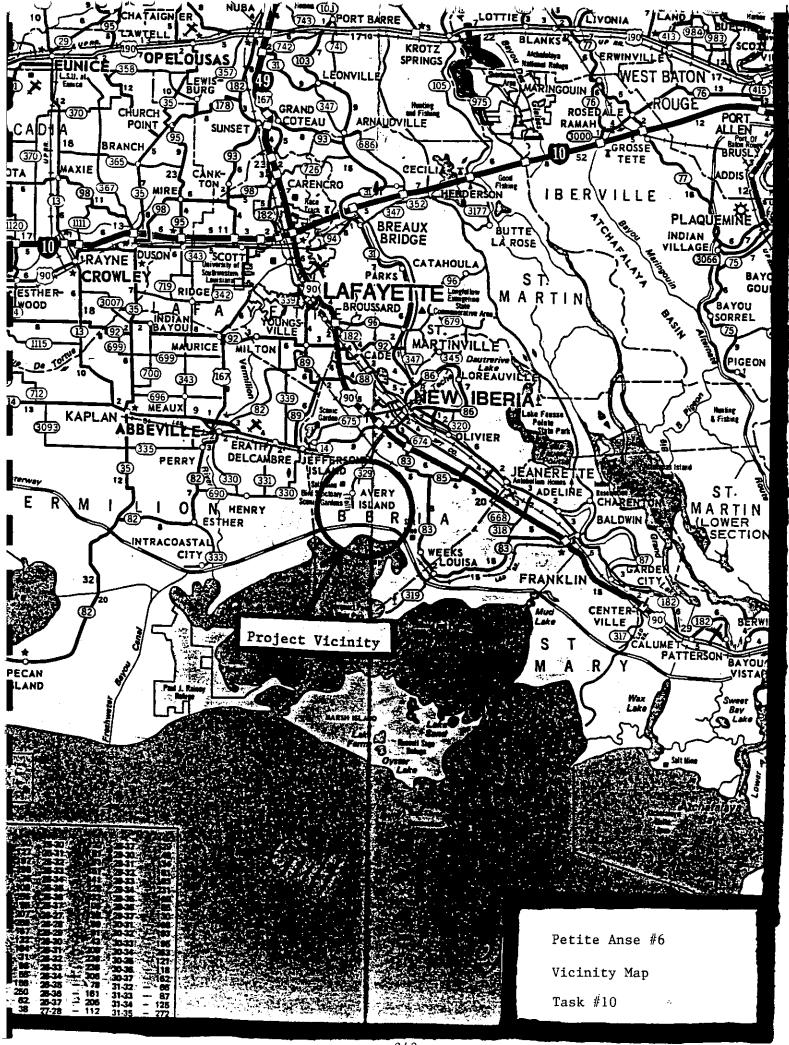
PROJECT LOCATION: Project is located in Iberia Parish, Louisiana, southwest of Avery Island.

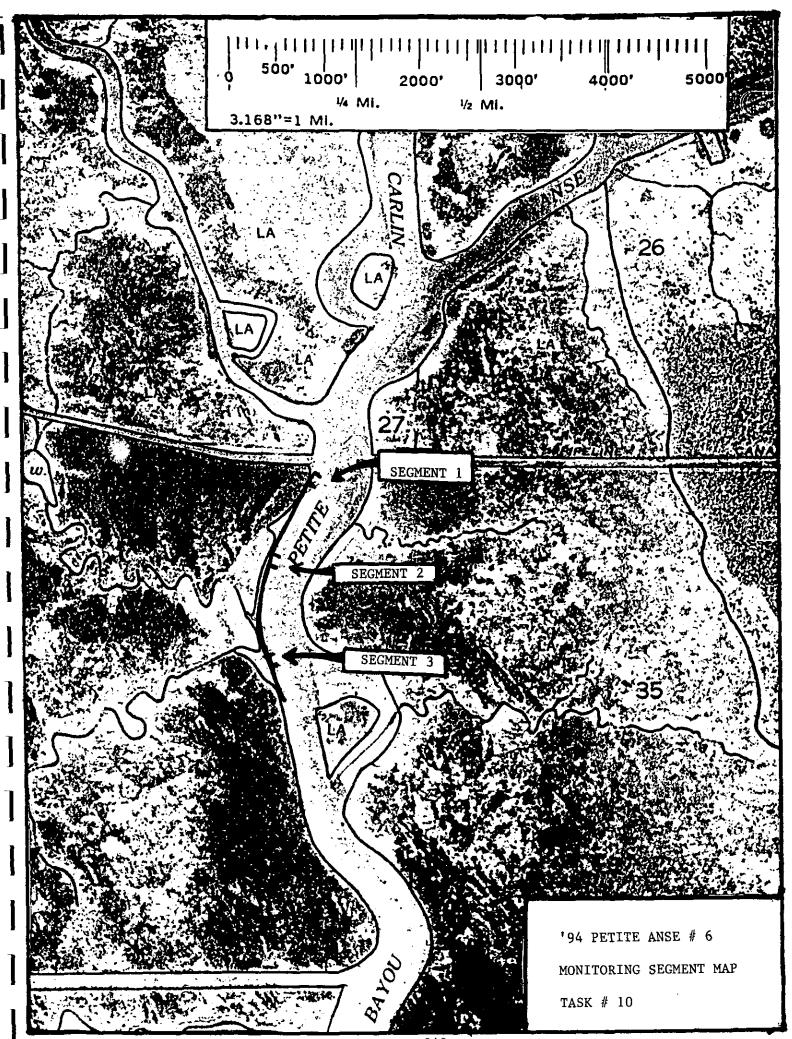
PROJECT OBJECTIVES: To introduce adaptable revegetation on mud flats to hold new soil in place.

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 PTANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: IBERIA PROJECT NAME: PETITE	ANSE #6			
SITE EVALUATOR: C. M	IDKIFF. B. BROUSS	ARD	DATE:	5-17-9:
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)	
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0_
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	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)		_1_
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	_1_
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	0
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
HERBIVORE POP.	нісн	MEDIUM	LOW	0_
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	i ABOVE)		POINT TOTAL	6
0-5 POINTS - SEE PLA	ANT LIST & PROCEED	WITH CAUTION		





#### 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 th 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-1 <b>32</b>	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

U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, FORT WARTH TEXAS

JES SCH FORE WORTH TEX 1975

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTR	ICT: IBERIA	DATE OF PLANTING: 6/6/94
PARIS	H: IBERIA	DATE OF MONITORING: 3/16/94
MONIT	ORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	SEGMENT NO: 1
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 2500'</li><li>(B) Direction of Fetch: northeast</li><li>(C) Water Depth: .6'</li></ul>	<ul><li>(D) Marsh Level: 5.4'</li><li>(E) Pond Bottom Elevation: 8.0'</li><li>(F) Slope of Bank: 12"cutbank</li></ul>
II.	Comments: * Measurements of distanc Mudflats are exposed on l Slope is relatively flat PLANTING ALIGNMENT:	ow tide
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank:</li></ul>	<ul><li>(D) Spacing Between Rows: 2'</li><li>(E) Number of Rows: 2</li></ul>
	Comments: * Measurements of distance Alternate spacing with si Rows follow bend in the b	ngle stems ayou
111.	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e	
IV.	SOILS (Type & Texture): Lafitte /	Association
٧.	SALINITY: 1 ppt	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or (X) boat (B) ( ) light, (X) medium, ( ) h</pre>	eavy
	Comments: Frequent barge traffic	
VII.	TRAFFICABILITY:	
	() good, () moderate, () poor,	(X) very poor

Comments:

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTRICT: IBERIA

PARISH: IBERIA

DATE OF PLANTING: 6/6/94

DATE OF MONITORING: 3/16/94

IONITO	ORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	SEGMENT NO: 2	
ı.	BANK_CONFIGURATION:		
l	<ul><li>(A) Distance of Fetch: 2500'</li><li>(B) Direction of Fetch: northeast</li><li>(C) Water Depth: .6'</li></ul>	(D) Marsh Level: 5.4' (E) Pond Bottom Elevation: 8.0 (F) Slope of Bank: 12"cutbank	) <b>'</b>
l II.	Comments: * Measurements of distance are approximate  Mudflats are exposed on low tide  Slope is relatively flat from cutbank to dropoff  PLANTING ALIGNMENT:		
i 	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank:</li></ul>	(D) Spacing Between Rows: 2' (E) Number of Rows: 2	
III.		single stems bayou	1
IV.	SOILS (Type & Texture): Lafitte	/ Association	
v.	salinity: 1 ppt		
VI.	WAVE ACTION:		
	<pre>(A) (X) wind and/or (X) boat (B) ( ) light, (X) medium, ( )</pre>	heavy	
	Comments: Frequent barge traffic		
VII.	TRAFFICABILITY:		
	() good, () moderate, () poor	r, (X) very poor	
	Comments: -246-		

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 10

DISTR	ICT: IBERIA	DATE OF PLANTING: 6/6/94
PARIS	H: IBERIA	DATE OF MONITORING: 3/16/94
MONIT	ORS: DOUG MILLER BRAD BROUSSARD RALEIGH ROGERS	<b>SEGMENT NO:</b> 3
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 2500'</li><li>(B) Direction of Fetch: northeast</li><li>(C) Water Depth: .6'</li></ul>	<ul><li>(D) Marsh Level: 5.4'</li><li>(E) Pond Bottom Elevation: 8.0'</li><li>(F) Slope of Bank: 12"cutbank</li></ul>
II.	Comments: * Measurements of distance	ow tide
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank:</li></ul>	<ul><li>(D) Spacing Between Rows: 2'</li><li>(E) Number of Rows: 2</li></ul>
III.	Comments: * Measurements of distance Alternate spacing with si Rows follow bend in the ben	ngle stems ayou <u>TRIA EXCLUSIONS</u> : N/A
IV.	<b>SOILS</b> (Type & Texture): Lafitte /	Association
٧.	<b>SALINITY:</b> 1 ppt	
VI.	WAVE ACTION:	
	<pre>(A) (X) wind and/or (X) boat (B) ( ) light, (X) medium, ( ) h</pre>	eavy
	Comments: Frequent barge traffic	
VII.	TRAFFICABILITY:	
	() good, () moderate, () poor,	(X) very poor
	Comments:	

TASK # 10 (Petite Anse #6)	•	
SEGMENT # 1	Dam on Dr	(1/10)
DISTRICT <u>Theria SWCD</u> PARISH Iberia	DATE OF PLANTING	
	MONITORING DATE	
INFORMATION PREPARED BY D. Miller/B (Note - Include a copy of all your notes and calculated)		viere
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	g
	<i>.</i>	Spartina alterniflora Smooth cordgrass
A. How many plants where originally pla	anted in this task?	2,700
B. How many plants where originally plants		2,700
sample segment?	nice in any	100
	1	100
C. How many plants are living in this sar	npie segment?	
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		<del></del>
C. Fair		
D. Poor		
		The state of the s
2. Count the total number of stems/shoots for	or all the living	
plants found within the sample segment, e	enter total number	3
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pl one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the lant. Make only e average lateral e segment, total all plants within the	0

1. Was there damage from:	
A. Herbivores a) High	
b) Medium	<del></del>
c) Low	<del></del>
d) None	X
d) None	
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	1
the source	water hyacinth
a) High	
b) Medium	X
c) Low	
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

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 CALCULATE	ONS WITH THIS FORM)
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and comm	non name) Spartina alterniflora
	Smooth cordgrss
A. How many plants where originally plan	· · · · · · · · · · · · · · · · · · ·
B. How many plants where originally plan	
sample segment?	
• •	100 100
C. How many plants are living in this same	the segment:
PLANT PRODUCTIVITY MEASURE	
1. How would you rate overall plant vigor?	
A. Excellent	
B. Good	X
C. Fair	
D. Poor	<del></del>
2.1001	
2. Count the total number of stems/shoots for	
plants found within the sample segment, e	nter total number 13
3. To determine lateral spread, working with within the sample segment, measure from	the center of the
plant to the farthest living shoot of that plant one measurement per plant. To determine	and the second s
spread for living plants within this sample	
the lateral measurements for all the living	
<u> </u>	
segment and divide by the number of living	g prants within
ingi cegment - Enter the gverage here	U

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	<u>X</u>
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	water hyacinth
a) High	
b) Medium	
c) Low	X
d) None	

COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

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		viere
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCULAT	TIONS WITH THIS FORM)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Spartina alterniflora
	,	Smooth cordgrass
A. How many plants where originally plants	anted in this task?	2,700
B. How many plants where originally plants		2,700
sample segment?		100
C. How many plants are living in this sar	nple segment?	78
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		X
C. Fair		
D. Poor		
0.00	** .1 ** *	
2. Count the total number of stems/shoots for		10
plants found within the sample segment, of	enter total number	10
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the lant. Make only e average lateral e segment, total all plants within the	
that segment. Enter the average here		0

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
B. Insects	
a) High	
b) Medium	<del></del>
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	7
the source	water hyacinth
a) High	
b) Medium	
c) Low	X
d) None	<del></del>

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

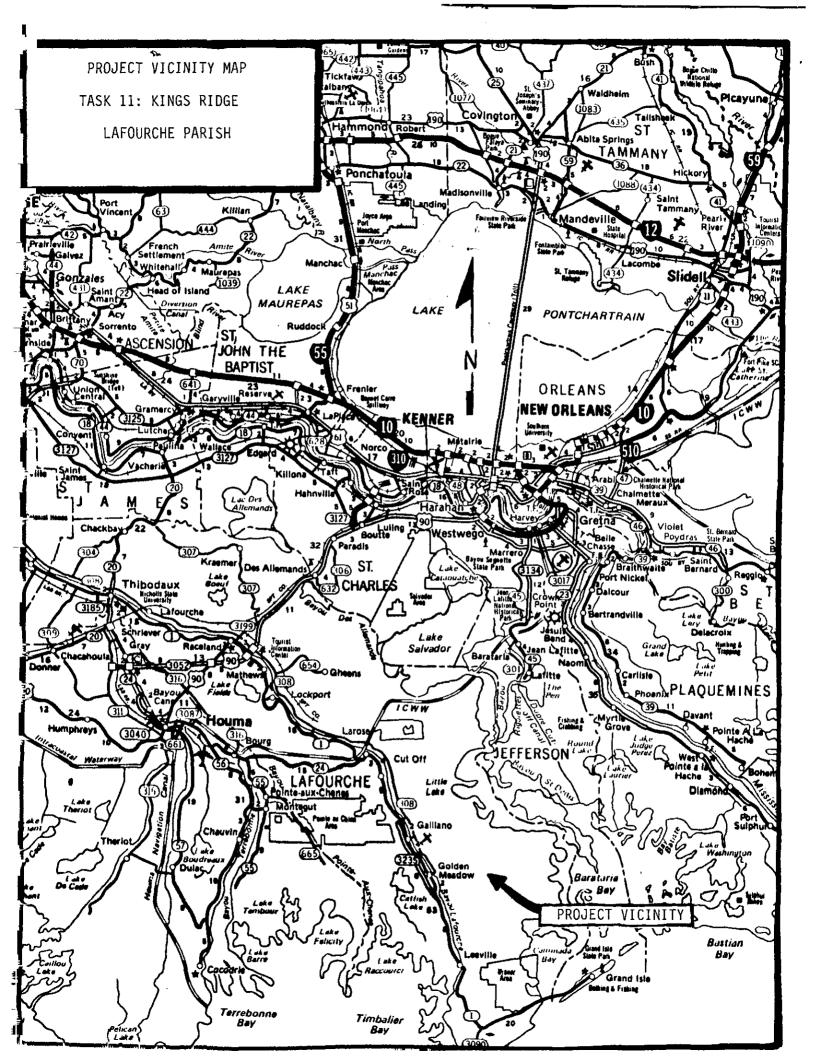
boards on 1,800' of wave dampening fence. Also, planting 145 gallon containers of smooth cordgrass (Spartina alterniflora) in a single row, on 5' spacing. Planting was done only in areas where plants from a previous planting did not survive.

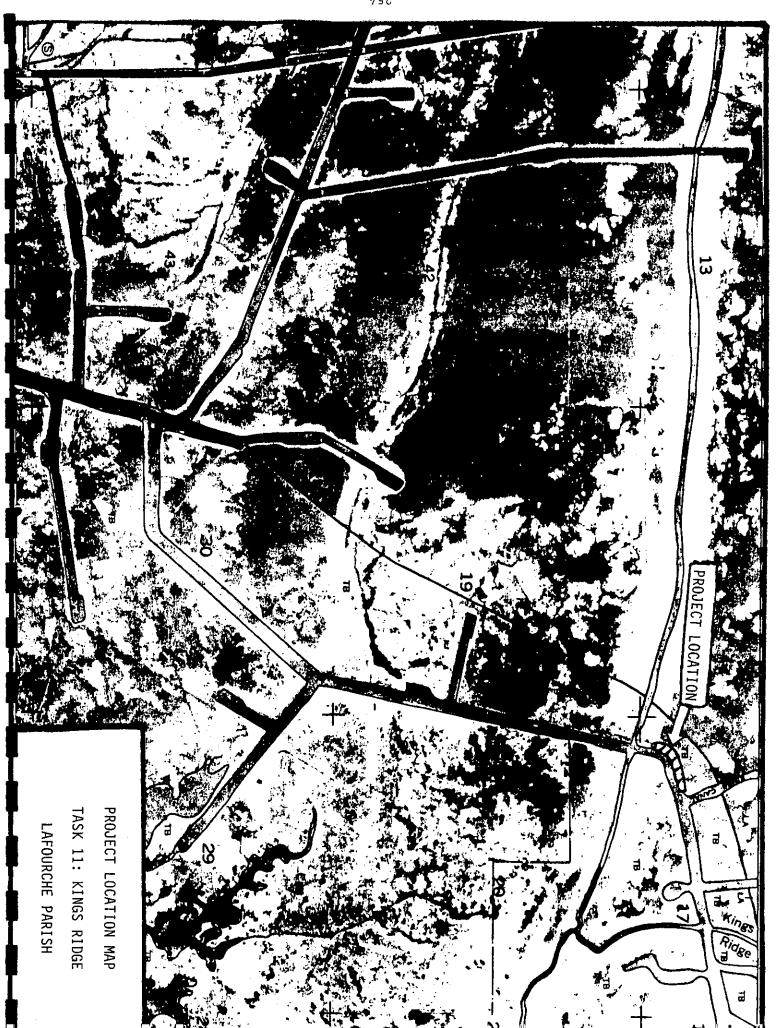
Distance to be planted is 725'. Proposed project cost is \$17,149.

## COASTAL VEGETATION PLANTING PROJECT SITE EVALUATION WORKSHEET

SWCD: LAFOURCHE-TERREBONNE SWCD PROJECT NAME: KINGS RIDGE					
SITE EVALUATOR:			DATE:		
	× ·				
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)		
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	1	
REACTION pH	<4.5 - >8.4		4.5-8.4		
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)	0	
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5		
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)		
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		
SHORE LINE FEATURES:					
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0	
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1		
WEDDINGER DOD	W. A.	WED TIME	7.00	0	
	HIGH	MEDIUM	LOW	•	
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0	
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	5	

<sup>0-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION >6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECALIST





· wave reduction fence x smooth cord grass marsh XXXXXXXXXXX spoil level Water levee TASK 11: KINGS RIDGE LAFOURCHE PARISH

255-

SOIL NAME: Timbalier-Bellpass Association

iD:

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 \( \) 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 estaurine 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.

## SEGMENT SPECIFIC INFORMATION

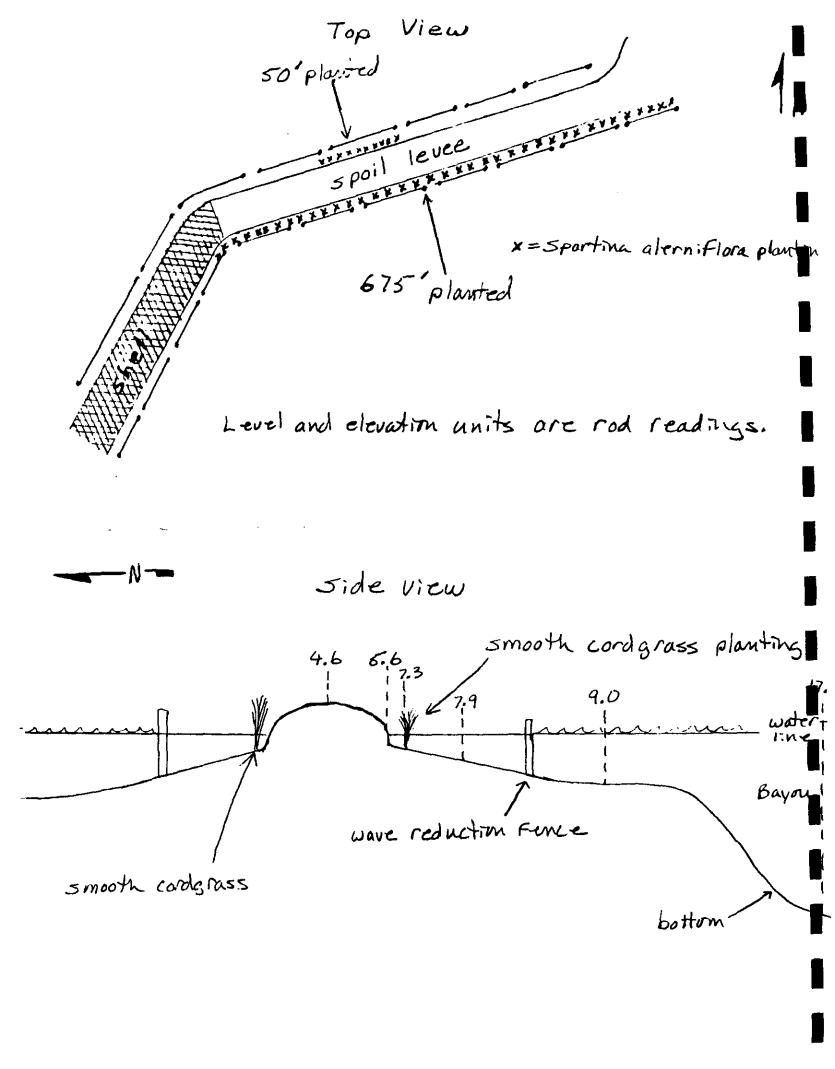
YEAR & TASK NO.: 1994-1995 Task # 11

	TERR & TROK NO.1	774 1773 183K W 11
DISTR	RICT: Lafourche-Terrebonne	DATE OF PLANTING: 4/26/94
PARIS	SH: Lafourche	DATE OF MONITORING: 4/26/94
MONIT	ORS: Russell Richard Joey Breaux	SEGMENT NO: 1
I.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 200 feet</li><li>(B) Direction of Fetch: S</li><li>(C) Water Depth: 6-8 inches</li></ul>	(E) Pond Bottom Elevation: 17.3
	•••	t bottom of bayou. Planting done at depth is 1-3 inches.(Sketch on back
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: E-W</li><li>(B) Spacing in Rows: 5 feet</li><li>(C) Distance from Bank: 2 feet</li></ul>	
	Comments: Single row planted alo	ong levee.
III.	DESCRIBE WAVE STILLING DEVICE OF W.S.F900 feet on each side of supported by 4X4's spaced 6 fee foot sections.	levee; 5-1X4's 3 inches apart
IV.	SOILS (Type & Texture): Timbal	ier-Bellpass association; muck.
٧.	SALINITY: 3 ppt	
VI.	WAVE ACTION:	
	(A) (*) wind and/or (*) boat (B) (*) light, ( ) medium, (	) heavy
	Comments:	
VII.	TRAFFICABILITY:	

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

**-257-**

Comments:



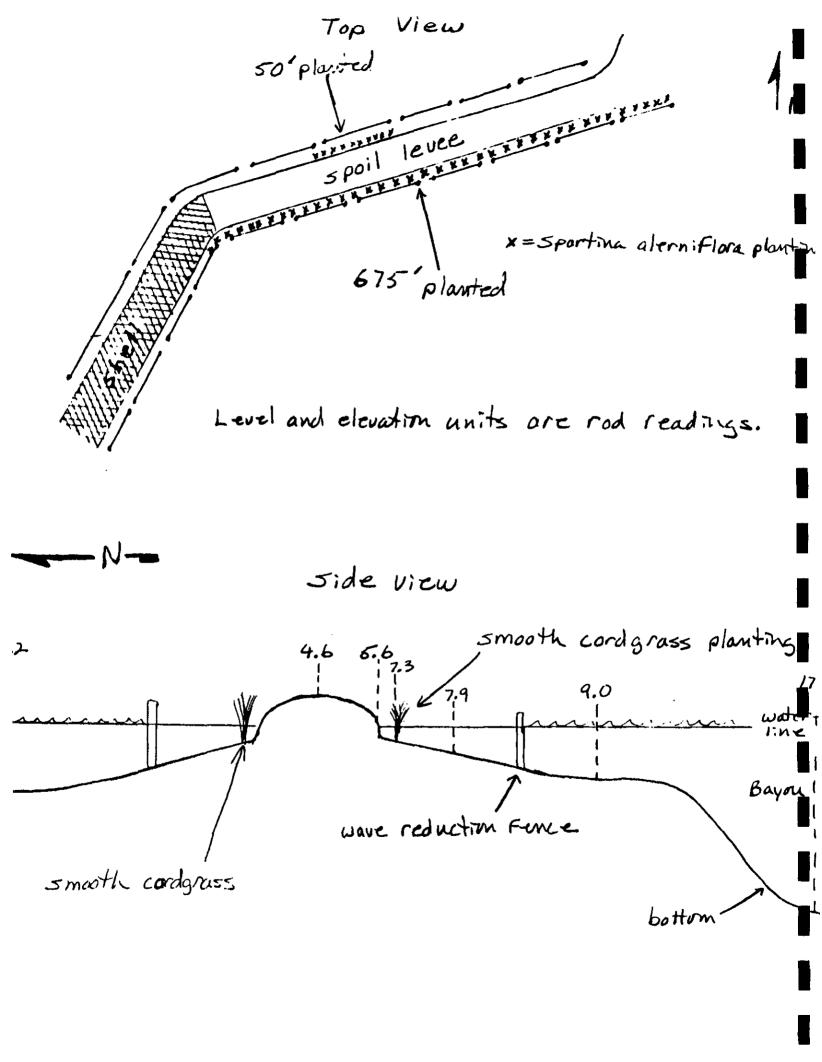
## SEGMENT SPECIFIC INFORMATION

**DISTRICT:** LaFourche-Terrebonne

YEAR & TASK NO.: 1994-1995 Task # 11 (Kings Ridge)

DATE OF PLANTING: 4/26/94

PARIS	<b>班:</b> LaFourche	DATE OF MONITORING: 4/26/94		
MONIT	ors: Joey Breaux Russel Richard	<b>BEGMENT NO:</b> 2		
ı.	BANK CONFIGURATION:			
	<ul><li>(A) Distance of Fetch: 1320 feet</li><li>(B) Direction of Fetch; NW</li><li>(C) Water Depth: 6-8 inches</li></ul>	<ul><li>(D) Marsh Level: 5.6</li><li>(E) Pond Bottom Elevation: 8.2</li><li>(F) Slope of Bank: 10:1</li></ul>		
ıı.	depth is 1-3 inches.	ely 30 feet out into the marsh to the lanting done at high tide. Mean water		
	<ul><li>(A) Direction of Rows: E-W</li><li>(B) Spacing in Rows:5 feet</li><li>(C) Distance from Bank: 1.5 feet</li></ul>	(D) Spacing Between Rows: NA (E) Number of Rows:1		
	Comments: Single row planted along the	levee.(Smooth cordgrass)		
III.		etc.) A picture will be included 5 1X4's 3 inches apart, supported by		
IA.	<b>SOILS (Type &amp; Texture):</b> Timbalier-	Bellpass association; muck.		
₹.	salinity: 3 ppt			
VI.	WAVE ACTION:			
	(A) ( $\chi$ ) wind and/or () boat (B) () light, ( $\chi$ ) medium, ()	heavy		
	Comments:			
VII.	TRAFFICABILITY:			
	( ) good, ( ) moderate, (X) poo	r, () very poor		
	Comments:			



## MONITORING WORKSHEET SEGMENT SPECIFIC INFORMATION 1994-95

TASK # 11 (Kings Ridge)		
SEGMENT# 1		
DISTRICT LaFourche-Terrebonne SWCD	DATE OF PLANTING	
PARISH LaFourche	MONITORING DATE	6/23/94
INFORMATION PREPARED BY Joey Breau (North - Include a court of all your notes and calculated)		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Smooth corderass
•	•	Spartina alterniflora
A. How many plants where originally pl	lanced in this task?	145 to
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this so	mple segment?	20
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		*
C. Fair		<del></del>
D. Poor		
2. Count the total number of stems/shoots i	or all the living	
plants found within the sample segment,		28
Samue same ander an amilio salimoni		<del></del>
3. To determine lateral spread, working wit	h only living plants	
within the sample segment, measure from	• - •	
plant to the farthest living shoot of that p		
one measurement per plant. To determine	·	
	•	
spread for living plants within this sample		
the lateral measurements for all the living		
segment and divide by the number of livi	ud bisvra mirinu	0040
that segment. Enter the average here		23/2 11.5 inches

#### NUISANCE DAMAGE

. 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. Discase	
a) High	
b) Medium	
c) Low	
d) None	<u></u>
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 PARISH Terrebonne	DATE OF PLANTING 4/26/94  MONITORING DATE 6/23/94
INFORMATION PREPARED BY JOSEY BY BY CHALLED AND CALCULATED TO THE PROPERTY OF ALL YOUR NOTES AND CALCULATED TO THE PROPERTY OF THE PR	/Russel Richard
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and com-	mon name) <u>Spartina alt</u> erniflor <u>Smooth cordo</u> rass
A. How many plants where originally plants where originally plants where originally plants.	anted in this task? 145
sample segment?  C. How many plants are living in this sar	mple segment?
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 plants found within the sample segment,	<del>-</del> //
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant to the farthest living shoot of that plane measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the lant. Make only a average lateral a segment, total all plants within the

## 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	<u>*</u>
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-185, 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

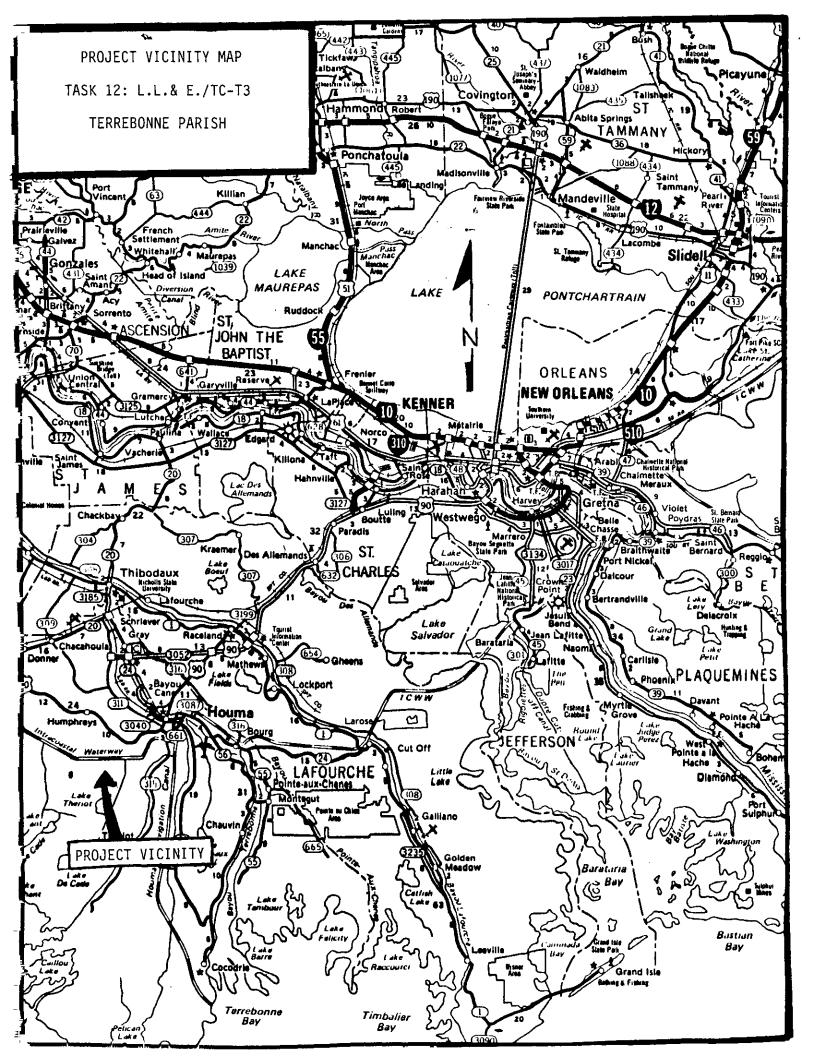
retaining detritus.

PROJECT FEATURES:

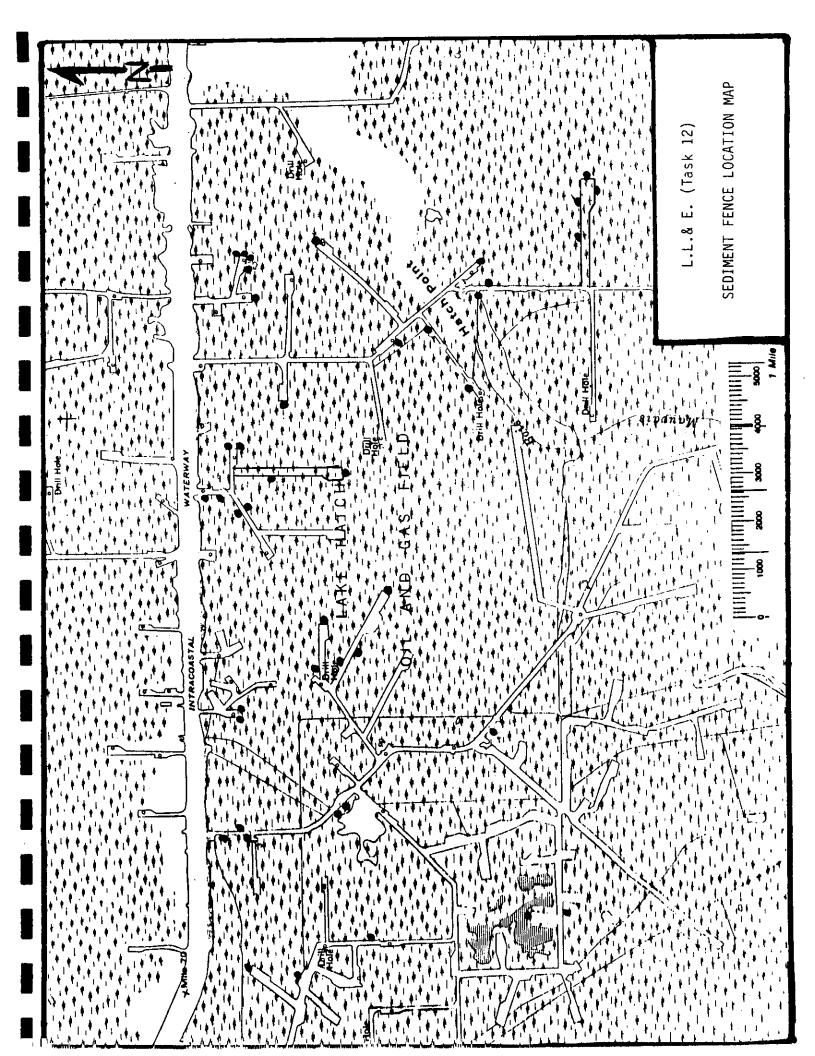
Construction of a total of 3,200' of sediment fence at 42 sites where flotant loss is most severe. Fences consist of 8'-15' landscape timber or 4"X4" posts, spaced 8' apart with 2X4's bolted across the top, and plastic mesh attached with cable ties. Planting 75 gallon containers of California bulrush (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.

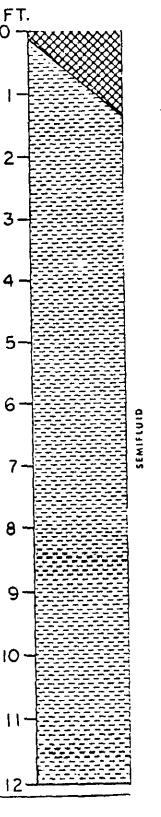
SWCD: LAFOURCHE-TERR PROJECT NAME: LL&E (SITE EVALUATOR: C. M	TC-T3)		DATE	: 6-3-9
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	0 POINT (GOOD)	POINT.
SOILS ELEMENTS:				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0_
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0_
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	0
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	0_
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	2
ENERGY COMPONENTS:		į		
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	
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:	<u>.</u>			
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0_
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0_
HERBIVORE POP.	нісн	MEDIUM	LOW	_ 0
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	6_
0-6 POINTS - SEE PLA	ANT LIST & PROCEED	WITH CAUTION	פדאשה בסהמזורכי	







#### 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

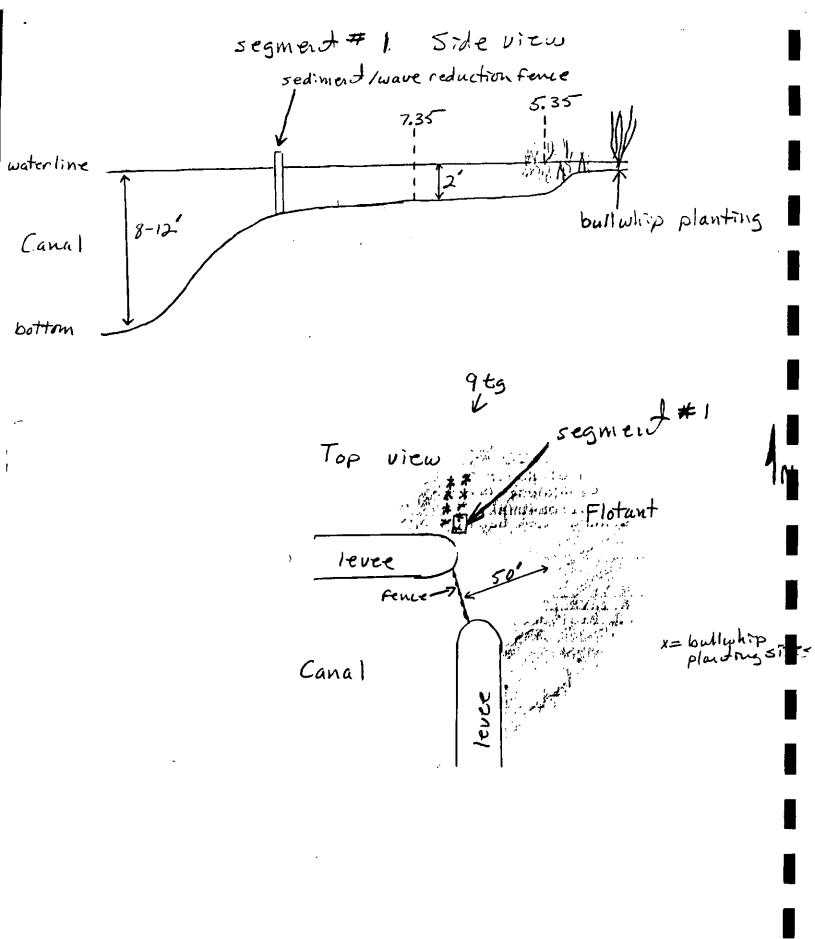
### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

**DISTRICT**: LaFourche-Terrebonne

DATE OF PLANTING: 6/9/94

PARIS	H:Terrebonne	DATE OF MONITORING: 4/8/94		
MONIT	CORS: Joey Breaux Shawn Cheramie	SEGMENT NO: 1		
I.	BANK CONFIGURATION:			
	<ul> <li>(A) Distance of Fetch: 50 ft.</li> <li>(B) Direction of Fetch; S</li> <li>(C) Water Depth: 1 ft.</li> </ul>	<ul><li>(D) Marsh Level:5.35</li><li>(E) Pond Bottom Elevation: 7.3</li><li>(F) Slope of Bank: 1:0</li></ul>		
ıı.	Comments: Planting done in inlet a recently constructed sec Elevation and level unit	long oil field location canal, behind iment fence. (sketch on back) s are rod readings.		
	(A) Direction of Rows: N-S (B) Spacing in Rows: 5 feet (C) Distance from Bank: 10 fe	(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 DEVIC (i.e. material used, size, si Fence constructed of 2x4x8's bolted 2 ft. plastic mesh attatched with o	hape, etc.) A picture will be included along top of landscape timber posts.		
IA.	SOILS (Type & Texture): Fresh	water marsh; deap peat		
٧.	BALINITY: 0 ppt			
VI.	WAVE ACTION:			
	(A) (*) wind and/or (*) b (B) (*) light, () medium,			
	Comments:	•		
VII.	TRAFFICABILITY:			
	( ) good, (*) moderate, (	) poor, ( ) very poor		
	Comments:	'		
		247		



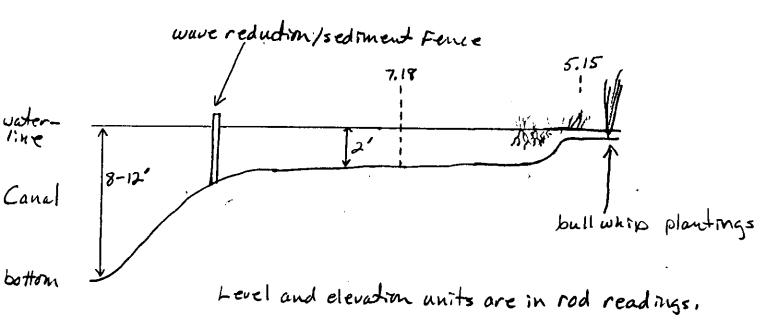
## SEGMENT SPECIFIC INFORMATION

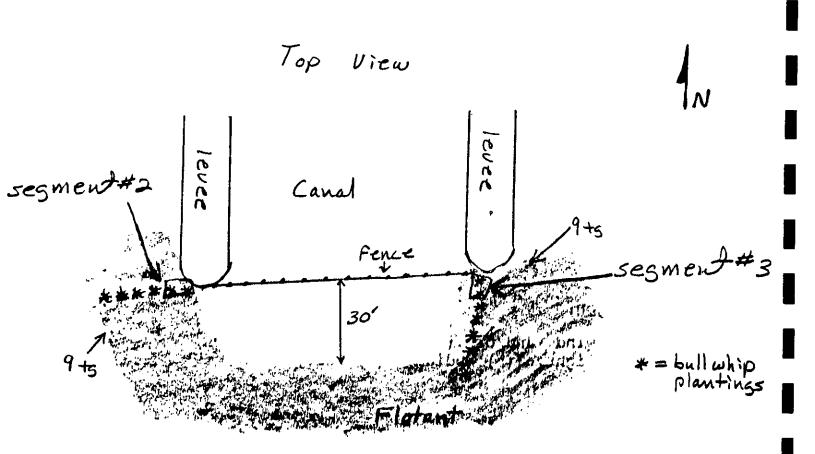
YEAR & TASK NO.: 1994-1995 Task #12

DIST	RICT: LaFourche-Terrebonne	DATE OF PLANTING: 6/9/94		
PARIS	EX Terrebonne	DATE OF MONITORING: 4/8/94  BEGMENT NO: 2		
HONI	CORS: Joey Breaux Shawn Cheramie			
ı.	BANK CONFIGURATION:			
	<ul><li>(A) Distance of Fetch: 100 ft.</li><li>(B) Direction of Fetch; SE</li><li>(C) Water Depth: 1 ft.</li></ul>	<ul><li>(D) Marsh Level:5.15</li><li>(E) Pond Bottom Elevation: 7.18</li><li>(F) Slope of Bank: 1:0</li></ul>		
TT.	Comments: Planting done in inlet along recently constructed sedimen Elevation and level units ar PLANTING ALIGNMENT:	t fence. (sketch on back)		
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 feet</li> <li>(C) Distance from Bank: row begin</li> </ul>			
	Comments: All planting at L.L.& E. is	in california bulrush.		
III.		, etc.) A picture will be included.		
IV.	SOILS (Type & Texture): Freshwate	r marsh; deap peat		
٧.	BALINITY: 0 ppt			
WI.	WAVE ACTION:			
	(A) (*) wind and/or (*) boat (B) (*) light, () medium, (	) heavy		
	Comments:			
VII.	TRAFFICABILITY:			
	() good, (*) moderate, () po	or, () very poor		

· Segment #2

side view

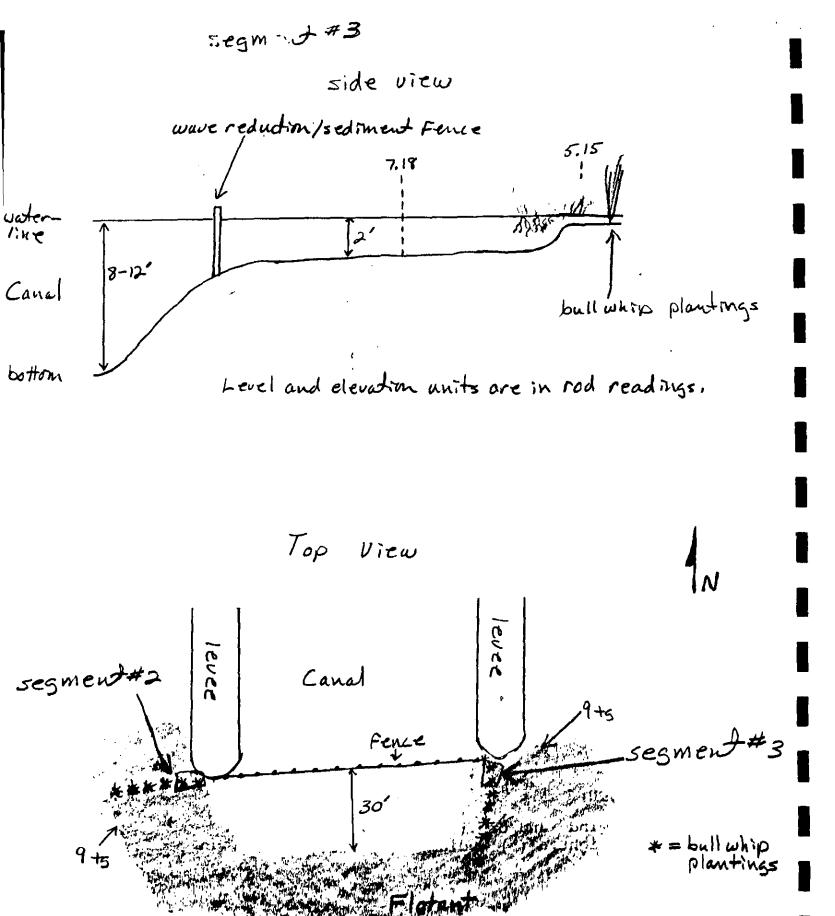




## SEGMENT SPECIFIC INFORMATION

# YEAR & TASK NO.: 1994-1995 Task #12

<u>DISTR</u>				
PARISH: Terrebonne  MONITORS: Joey Breaux Shawn Cheramie		DATE OF MONITORING: 4/8/94		
			<b>BEGMENT NO:</b> 3	
ı.	BANK	CONFIGURATION:		
		Distance of Fetch: 100 ft. Direction of Fetch; SW Water Depth: 1 ft.	(D) (E) (F)	Marsh Level: 5.15 Pond Bottom Elevation: 7 Slope of Bank: 1:0
	Com	nents: Planting done in inlet along or recently constructed sediment Elevation	fence. (s	ketch on back)
II.	PLAN	TING ALIGNMENT:		•
		Direction of Rows: N-S Spacing in Rows: 5 feet Distance from Bank: row begins	(E)	Number of Rows: 1
	Comm	<b>Nents:</b> All planting at L.L.& E. is in Segments 2 & 3 are on separate fence.	californ rows off	ia bulrush. each end of sediment
III.	DESC (1.6	Segments 2 & 3 are on separate	rows off  UTRIA 1  etc.)  top of 1	each end of sediment  XCLUSIONS:  A picture will be include
III. IV.	DESC (1.6 Fenc 2 ft	Segments 2 & 3 are on separate fence.  CRIBE WAVE STILLING DEVICE OR 1  L. material used, size, shape, e constructed of 2x4x8's bolted along	rows off  UTRIA 1 etc.)  top of 1 ies.	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV.	PERC (i.e Fenc 2 ft	Segments 2 & 3 are on separate fence.  CRIBE WAVE STILLING DEVICE OR 1. material used, size, shape, e constructed of 2x4x8's bolted along plastic mesh attatched with cable t	rows off  UTRIA 1 etc.)  top of 1 ies.	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV.	DESC (1.6) Fenc 2 ft BOII	Segments 2 & 3 are on separate fence.  RIBE WAVE STILLING DEVICE OR 1. material used, size, shape, e constructed of 2x4x8's bolted along. plastic mesh attatched with cable to the second state of the second	rows off  UTRIA 1 etc.)  top of 1 ies.	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV.	PERC (1.6) Fenc 2 ft SOLI SALI	Segments 2 & 3 are on separate fence.  CRIBE WAVE STILLING DEVICE OR I. material used, size, shape, e constructed of 2x4x8's bolted along. plastic mesh attatched with cable to the constructed of the cons	rows off  (UTRIA I etc.)  top of 1 les.  marsh; de	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV.	PERC (1.6) Fenc 2 ft BOII BALI WAVI (A) (B)	Segments 2 & 3 are on separate fence.  RIBE WAVE STILLING DEVICE OR I material used, size, shape, e constructed of 2x4x8's bolted along. plastic mesh attatched with cable to the statement of th	rows off  (UTRIA I etc.)  top of 1 les.  marsh; de	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV. V.	BALI WAYI (A) (B)	Segments 2 & 3 are on separate fence.  PRIBE WAVE STILLING DEVICE OR 1. material used, size, shape, e constructed of 2x4x8's bolted along plastic mesh attatched with cable to the statement of t	rows off  (UTRIA I etc.)  top of 1 les.  marsh; de	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.
IV. V.	PESC (1.6) Fenc 2 ft SOII SALI (A) (B) Comm	Segments 2 & 3 are on separate fence.  CRIBE WAVE STILLING DEVICE OR Job Material used, size, shape, e constructed of 2x4x8's bolted along plastic mesh attatched with cable to the statement of	rows off  UTRIA 1 etc.)  top of 1 les.  marsh; de	each end of sediment  EXCLUSIONS:  A picture will be included and scape timber posts.  ap peat



#### **BEGMENT BPECIFIC INFORMATION**

YEAR & TASK NO.: 1994-1995 Task #12

**DISTRICT:** LaFourche-Terrebonne

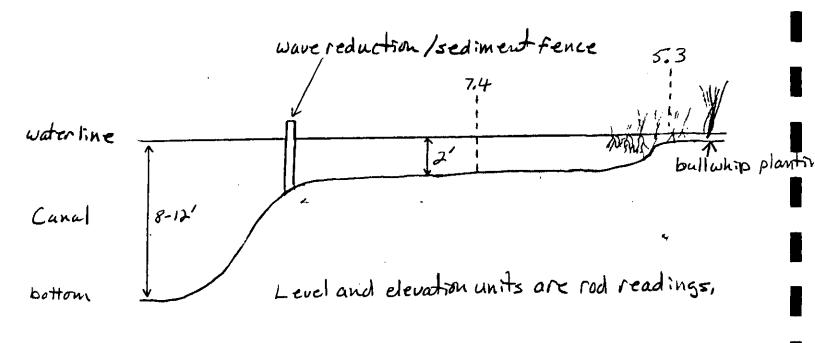
PARISH:Terrebonne

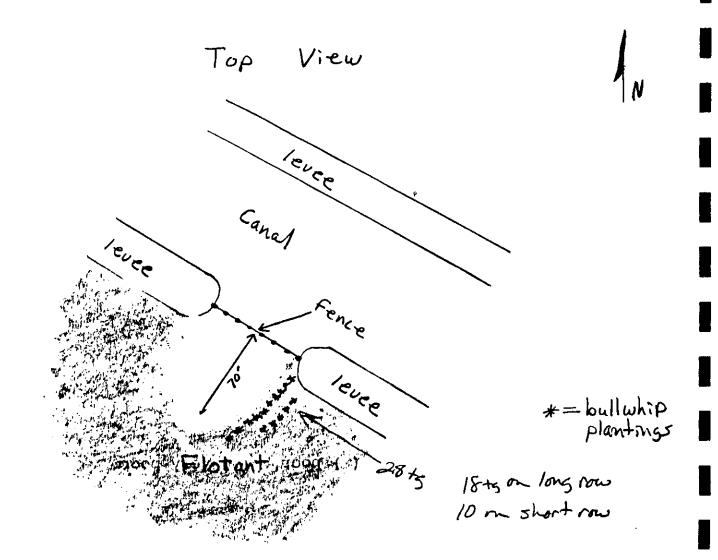
DATE OF PLANTING: 6/9/94

DATE OF MONITORING: 4/8/94

HONIT		oey Breaux hawn Cheramie	8EGM	ENT NO: 4
ı.	BANK	CONFIGURATION:		
	(A) (B) (C)	Direction of Fetch; NE	(D) (E) (F)	Marsh Level: 5.3 Pond Bottom Elevation: 7.4 Slope of Bank: 1:0
	Comm	ents: Planting done in inlet along oil recently constructed sediment fen Elevation and level units are rod	ice. (	location canal, behind sketch on back)
II.	PLAN	TING ALIGNMENT:		
	(A) (B) (C)	Spacing in Rows: 5 feet		Spacing Between Rows: 5 ft. Number of Rows: 2
	Comm	ents: All planting at L.L.& E. is in ca	lifor	nia bulrush.
IV.	fence fence	RIBE WAVE STILLING DEVICE OR NUT . material used, size, shape, et e constructed of 2x4x8's bolted along to plastic mesh attatched with cable ties  8 (Type & Texture): Freshwater mark	p of	A picture will be included landscape timber posts.
٧.	BALI	NITY: 0 ppt		
VI.	WAVE	ACTION:		
		(*) wind and/or (*) boat (*) light, () medium, () he	avy	
	Comm	ents:		
WII.	TRAF	FICABILITY:		
	( )	good, (*) moderate, ( ) poor,	( )	very poor
	Com	ents:		
		270		

Side View





## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #12

-	DISTR	ICT: LaFourche-Terrebonne	DATE OF PLANTING: 6/9/94	
	PARIBH: Terrebonne		DATE OF MONITORING: 4/8/94	
	MONIT	ORS: Joey Breaux Shawn Cheramie	BEGMENT NO: 5	
Ī	ı.	BANK CONFIGURATION:		
,		<ul> <li>(A) Distance of Fetch: 100 ft.</li> <li>(B) Direction of Fetch: SW</li> <li>(C) Water Depth: 1 ft.</li> </ul>	<ul> <li>(D) Marsh Level: 5.2</li> <li>(E) Pond Bottom Elevation:6.45</li> <li>(F) Slope of Bank: 1:0</li> </ul>	
	ıı.	Comments: Planting done in inlet along of recently constructed sediment for Elevation and level units are replanting ALIGNMENT:	ence. (sketch on back)	
		(A) Direction of Rows: E-W (B) Spacing in Rows: 5 feet (C) Distance from Bank: 5 ft.	(D) Spacing Between Rows: NA (E) Number of Rows: 1	
		Comments: All planting at L.L.& E. is in o	alifornia bulrush.	
	III.	DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, e Fence constructed of 2x4x8's bolted along t 2 ft. plastic mesh attatched with cable tie	tc.) A picture will be included.	
	IV.	<b>SOILS (Type &amp; Texture):</b> Freshwater ma	rsh; deap peat	
	٧.	BALINITY: 0 ppt		
	AI.	WAVE ACTION:		
		(A) (*) wind and/or (*) boat (B) (*) light, () medium, () h	eavy	
		Comments:		
	VII.	TRAPPICABILITY:		
		( ) good, (*) moderate, ( ) poor,	( ) very poor	
		Comments:		
		<del>-</del> 271-		

Side View wave reduction /sediment funce waterline 8-12' bullwhip plane Canal Level and elevation units are rod readings bottom 10 to on each row View Top \* = bull whip plantings Ferre levee levee

N .

## SEGMENT SPECIFIC INFORMATION

# YEAR & TASK NO.: 1994-1995 Task #12

DISTRICT: LaFourche-Terrebonne PARISH: Terrebonne		DATE OF PLANTING: 6/9/94		
		DATE OF MONITORING: 4/8/94		
Honit	ORS: Joey Breaux Shawn Cheramie	<b>BEGMENT NO:</b> 6		
ı.	BANK CONFIGURATION:			
	<ul> <li>(A) Distance of Fetch: 16</li> <li>(B) Direction of Fetch: 16</li> <li>(C) Water Depth: 1.ft</li> </ul>			
TT	recently constructe	let along oil field location canal, behind d sediment fence. (sketch on back) units are rod readings.		
	(A) Direction of Rows: E- (B) Spacing in Rows: 5 fe (C) Distance from Bank:	et (E) Number of Rows: 1		
	Comments: All planting at L.L	.& E. is in californía bulrush.		
III.	(i.e. material used, size	EVICE OR NUTRIA EXCLUSIONS:  o, shape, etc.) A picture will be included olted along top of landscape timber posts. ith cable ties.		
IA.	SOILS (Type & Texture):	Freshwater mařsh; deap peat		
٧.	SALINITY: 0 ppt			
WI.	WAVE ACTION:			
	(A) (*) wind and/or (*) (B) (*) light, () med	*) boat ium, ( ) heavy		
	Comments:			
VII.	TRAFFICABILITY:			
	( ) good, (*) moderate,	( ) poor, ( ) very poor		
	Comments:			

Side View wave reduction /sed ment funce waterline /'3" 8-12' bullwhip plant: Canal Level and elevation units are rod readings bottom 10 to on each row View. Top sesment#5 \* = bull whip plantings cerve levee levee

# MONITORING WORKSHEET SEGMENT SPECIFIC INFORMATION 1994-95

TASK # 12 (L.L.& E.)		
SEGMENT# 1	D	6.10.104
	Date of Planting _ Monitoring Date	
INFORMATION PREPARED BY J. Breaux		0/1/94
(MOLE - INCEPTIES Y COMA OF WIT ADMENDERS YND CYTCHYLLO		
PLANT SURVIVAL INFORMATION		
I. Species Planted (scientific name and comme	nn name)	<u>Scirpus cali</u> fornicus California bulrush
A. How many plants where originally plan	ted in this task?	75
B. How many plants where originally plan		<del></del>
sample segment?		9
C. How many plants are living in this samp	ole 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, en	ter total number	2
3. To determine lateral spread, working with a within the sample segment, measure from a plant to the farthest living shoot of that play one measurement per plant. To determine	he center of the it. Make only	
spread for living plants within this sample s		
the lateral measurements for all the living p		
segment and divide by the number of living		
that segment. Enter the average here	-	2/2 1 inch

## NUISANCE DAMAGE

1. Was there damage from:		
A. Herbivores		
a) High	X	
b) Medium		
c) Low		
d) None		
B. Insects		
a) High		
b) Medium	X	
c) Low		
d) None		
C. Diseasa		
a) High		
b) Medium		
c) Low		
d) None	X	
D. Other (e.g. water debris, foot traffic, floating plants) specify	r	
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-Terr	6/9/0A
PARISH Terrebonne	ANTING 6/8/94 IG DATE 8/1/94
INFORMATION PREPARED B	
(MOLE - DESTRUCTION CONT. OF VIT ACIDI	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific	<u>Scirpus cali</u> fornio Californi <u>a b</u> ulrush
A. How many plants wh	task? 75
B. How many plants whe sample segment?	9
C. How many plants are	17 6
PLANT PRODUCTIVITY MEASURE	
1. How would you rate over	
A. Excellent	
B. Good	X
C. Fair	
D. Poor	<del></del>
2. Count the total number of plants found within the sa	<del></del>
3. To determine lateral spread within the sample segment plant to the farthest living one measurement per plants when the lateral measurements	f the only crai tal all a the
segment and divide by the that segment. Enter the a	un 2/2 1 inch

## NUISANCE DAMAGE

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	<del></del>
d) None	Х
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) None	Х

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 MONITORING DATE	
INFORMATION PREPARED BY J. Breaux /M. Tullos (NOTE - INCLUMEN CLUY OF ALL YOUR HOTES AND CALCULATIONS WITH THIS TOKEN)	
PLANT SURVIVAL INFORMATION  1. Species Planted (scientific name and common name)	<u>Scirpús cali</u> fornicus California bulrush
A. How many plants where originally planted in this task? B. How many plants where originally planted in this sample segment?	75
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	X
C. Fair D. Poor	
2. Count the total number of stems/shoots for all the fiving 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 apread 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	X
c) Low	
d) None	
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	<u> </u>

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. Breau (NOTE - INCLUDE A COPY OF ALL YOUR MUTES AND CALCULA	X/M. Tullos Tiuns with this form)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	<u>Scirpus cali</u> fornicus California bulrush
A. How many plants where originally pl	anced in this task?	75
B. How many plants where originally pl sample segment?		28
C. How many plants are living in this sa	mple 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	or all the living	
plants found within the sample segment,	enter total number	4
3. To determine lateral spread, working with within the sample segment, measure from	n the center of the	
plant to the farthest living shoot of that p one measurement per plant. To determin	e 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	ng plants within	0.00
that teament. Hinter the average here		3/2 1.5 inches

## NUISANCE DAMAGE

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	*
d) None	X
B. Insects	
a) High	
b) Medium	X
c) Low	
d) None	
C. Disease	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	
d) None	v

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	
INFORMATION PREPARED BY J. Breau (Note - Include a copy of all your notes and calculate	<u>X / M. T</u> ullos	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and come	mon name)	<u>Scirpus cali</u> fornicus California bulrush
A. How many plants where originally plants	anced in this cask?	75
B. How many plants where originally plants sample segment?		10
C. How many plants are living in this sas	mple 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 plants found within the sample segment,		4
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant to measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Foresthe average here	the center of the lant. Make only e average lateral assegment, total all plants within the	1/2 .5 inches

## NUISANCE DAMAGE

1.

Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	X
c) Low	
d) None	
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	<u> </u>

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	
INFORMATION PREPARED BY J. Breaux/M. Tullos (Note - Include a cupy of all your notes and calculations with this look)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	<u>Scirpús cali</u> fornicus California bulrush
A. How many plants where originally planted in this task?	75
B. How many plants where 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. Herbivares	
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	X
c) Low	
d) Nous	
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Orban /a a supra debaie for a metto for floring plants) anacific	
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	
b) Medium	
c) Low	<del></del>
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 stabalize 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

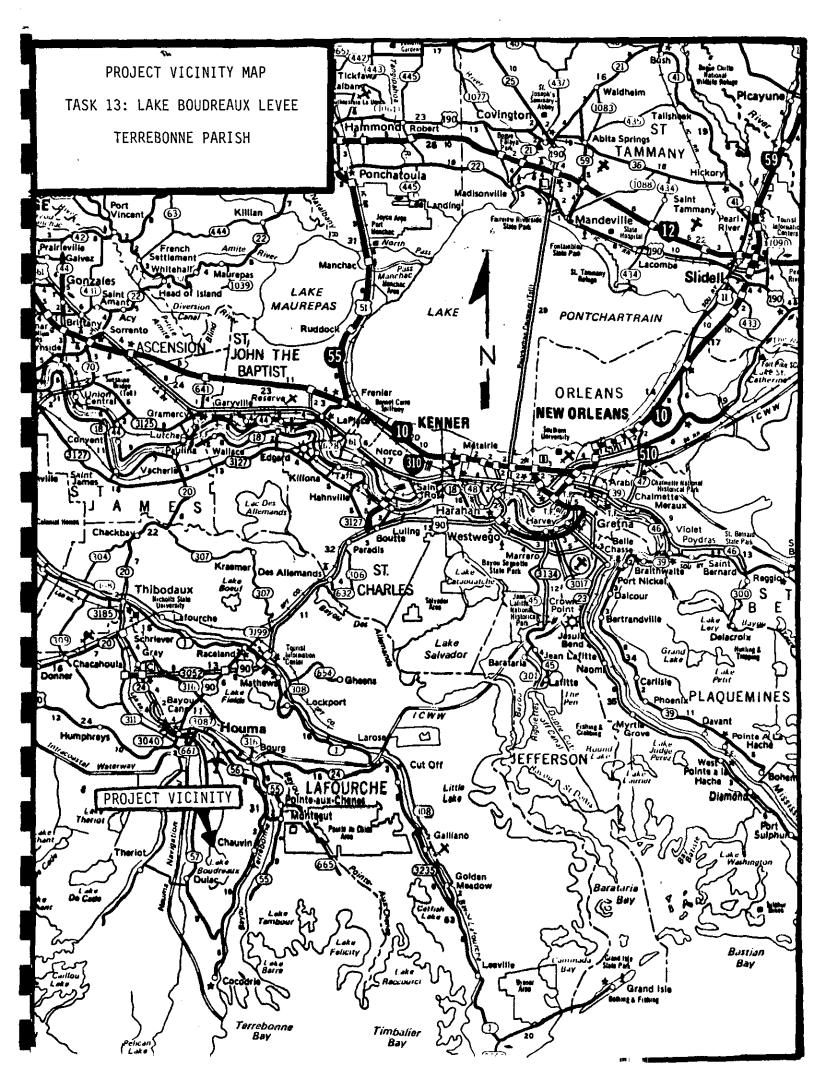
at a cost of \$13,025.

PROJECT NAME: LAKE B SITE EVALUATOR: C. M			DATE	<u>6-3-9</u>
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O_POINT (GOOD)	POINT
SOILS ELEMENTS:		•		
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2_
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0_
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0_
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)	_1_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	1
ENERGY COMPONENTS:		i		
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	2_
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	2_
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	0
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	1_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	11

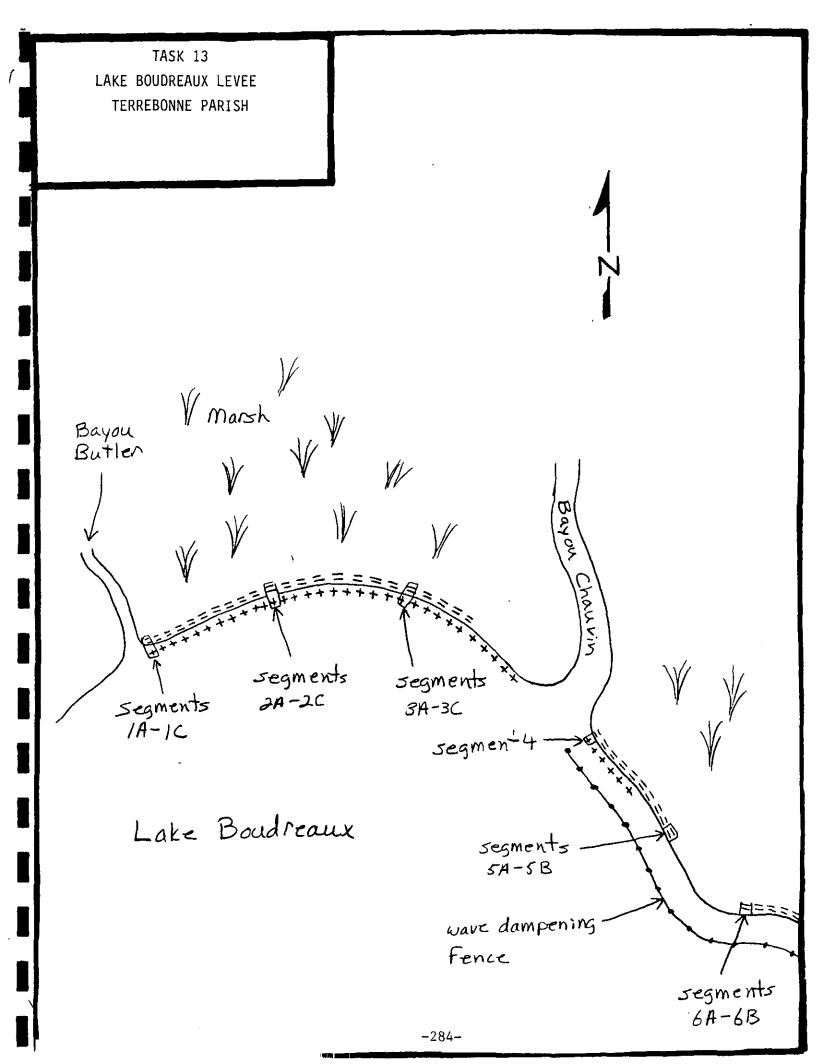
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION

SWCD: <u>LAFOURCHE-TERRI</u> PROJECT NAME: <u>LAKE BO</u> SITE EVALUATOR: <u>C. M</u>	OUDREAUX LEVEE		DATE	6-3-9
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINT:
SOILS ELEMENTS:		•		
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0
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)	_1_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
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	
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	
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	1_
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0_
HERBIVORE POP.	нісн	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_

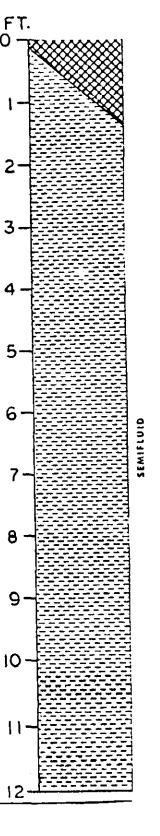
<sup>9-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION







#### 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







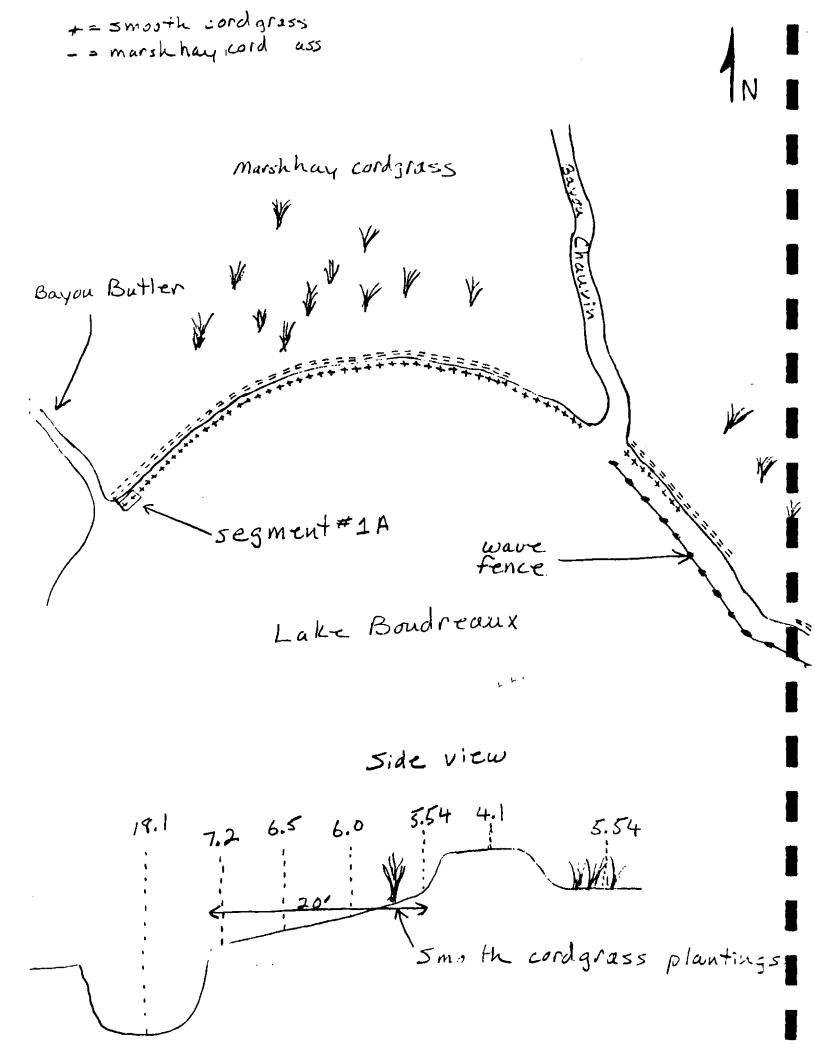
#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DATE OF PLANTING: 5/5/94

**DISTRICT:** Laforche-Terrebonne

PARIS	H: Terrebonne	DATE OF MONITORING: 5/2/94
MONIT	ORS:Joey Breaux Jewel Boudwin	SEGMENT NO: 1A
ı.	BANK CONFIGURATION:	
	<ul> <li>(A) Distance of Fetch: 1 mile</li> <li>(B) Direction of Fetch: South</li> <li>(C) Water Depth: 0-6 inches</li> </ul>	<ul><li>(D) Marsh Level: 5.54</li><li>(E) Pond Bottom Elevation: 12.6</li><li>(F) Slope of Bank: 20:1</li></ul>
	Comments: Pond bottom elevation is rod : Lake Boudreaux(sketch on back). Elevation	
II.	PLANTING ALIGNMENT:	
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 feet</li> <li>(C) Distance from Bank: 5 feet</li> </ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1
	Comments: Segment lA is planted in smooth Planted in single row along	
III.		NUTRIA EXCLUSIONS: etc.) A picture will be included
ıv.	SOILS (Type & Texture): Freshwater	marsh; deep peat; peaty muck.
٧.	SALINITY: 0-2 ppt	
VI.	WAVE ACTION:	
	(A) (*) wind and/or (*) boat (B) () light, (*) medium, ()	heavy
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, (*) moderate, ( ) poo	r, ( ) very poor
	Comments:	



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DISTR	ICT:	Lafourche-Terrebonne	DATE OF PLANTING: 5/2/94		
PARISH: Terrebonn		Terrebonne	DATE OF MONITORING: 5/2/94		
MONIT	ORS:	Joey Breaux Jewel Boudwin	BEGMENT NO: 1B		
ı.	BAN	CONFIGURATION:			
		Distance of Fetch: 1 Mile Direction of Fetch: Sout Water Depth: 0 (On bank)	1 ,		
		inland from waters edg	top of levee. Flat, level surface, 15 feet e. (Sketch on back) Elevation and level units		
II.	(A) (B) (C)	Spacing in Rows: 6 inches			
	Com	ments: Segment IB is planted	in marshhay cordgrass.		
III.		·	OR NUTRIA EXCLUSIONS: ape, etc.) A picture will be included.		
IV.	801		water marsh; deep peat; peaty muck.		
₹.	BAL	INITY: 0 ppt			
VI.	WAV	E ACTION:			
	(A) (B)	<pre>(x) wind and/or (x) bo ( ) light, (x) medium,</pre>	at ( ) heavy		
	Com	ments:			
VII.	TRA	PPICABILITY:			
	( )	good, (x) moderate, ()	poor, ( ) very poor		
	Com	ments:			

>1400 4 CHINIDIN >> -= marelchair cold 1035 marshhay cordgrass Bayou Butler segment 1C segment #1B wave fence. Lake Bondreaux  $\mathbf{G}^{(i)}$ side view segment 1B marshinay corderass plans

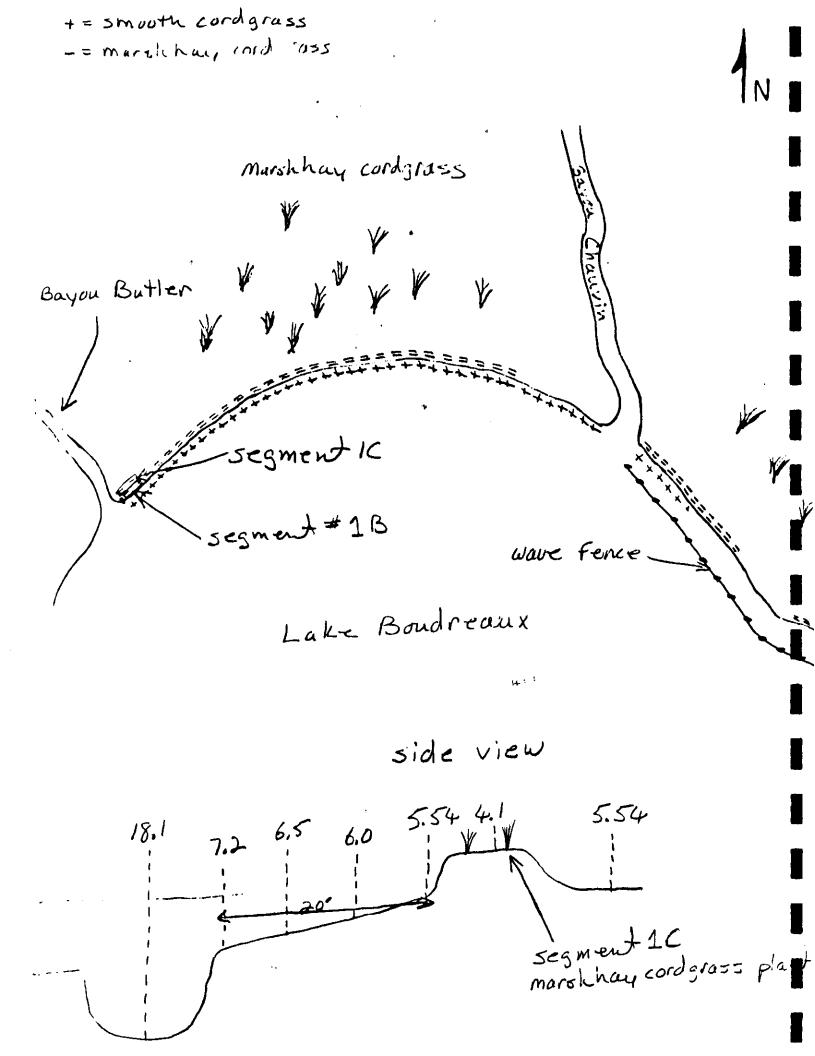
#### **BEGMENT SPECIFIC INFORMATION**

YEAR & TASK NO.: 1994-1995 Task #13

DATE OF PLANTING: 5/2/94

**DISTRICT:** Lafourche-Terrebonne

PARIS	<u>#</u> :	Terrebon	nne		DATE O	F MON	TORING:	5/2/94
MONIT	ORS:	Joey Bre Jewel Bo			SEGMEN	T NO:	10	
ı.	BAN	K CONFI	GURATION:					
	(A) (B) (C)	Direct	nce of Fetch: tion of Fetch; Depth: 0 (On b	South	(E)	Pond 1		5.54 evation: NA 1:0 (Flat)
			Plants are plant inland from wate are rod readings	ers edge. (Sket				
II.	PLA	NTING A	LIGNMENT:					
	(A) (B) (C)	Spacia	tion of Rows: ng in Rows: 6 nce from Bank:		(E) N		g Between of Rows:	Rows: 3 feet 2
	Com	ments:	Segment IC is pl	anted in marsh	hay cord	grass.		
ıı.			AVE STILLING D rial used, siz					be included.
	None							
IV.	BOI	L8 (Ty	pe & Texture):	Fresh water (Spoil levee		eep pea	t; peaty m	uck.
₹.	SAL	INITY:	0 ppt					
VI.	WAV	E ACTIO	Ä:					
	(A) (B)	(X) W:	ind and/or ( $^{ m X}$ ) med	X) boat lium, ( ) he	eavy			
	Com	ments:						
VII.	TRA	PPICABI	LITY:					
	( )	good,	(x) moderate,	() poor,	( ) V	ery p	por	
	Com	ments:						



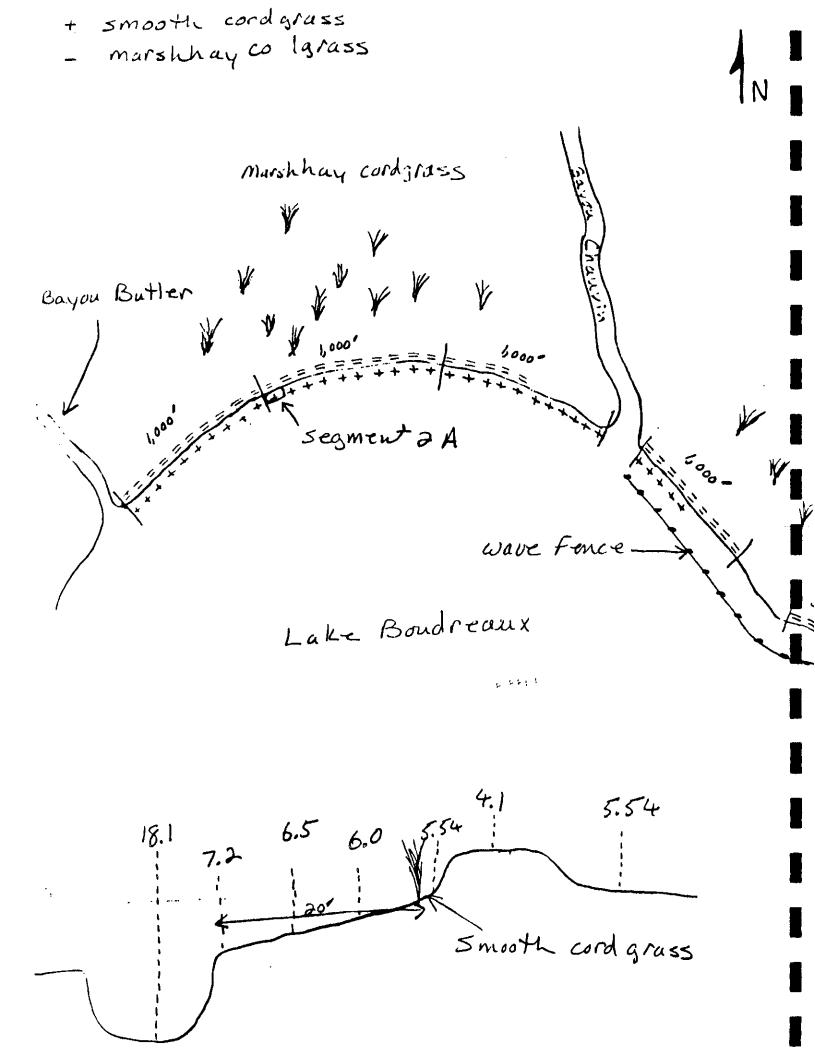
#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DISTRICT: Laforche-Terrebonne

DATE OF PLANTING: 5/6/94

PARISH: Terrebonne			OF MONITORING: 5/2/94
MONITORS: Joey Breaux Jewel Boudwin		8EGM	ENT NO: 2A
I.	BANK CONFIGURATION:		
	<ul> <li>(A) Distance of Fetch: 1 mile</li> <li>(B) Direction of Fetch; South</li> <li>(C) Water Depth: 0-6 inches</li> </ul>	(D) (E) (F)	Pond Bottom Elevation: 12.6
II.	Comments: Pond bottom elevation is rod reading taken approx. 400 feet out int Lake Boudreaux (sketch on back) Elevation and level units are rod readings. PLANTING ALIGNMENT:		
·	<ul> <li>(A) Direction of Rows:E-W</li> <li>(B) Spacing in Rows: 5 feet</li> <li>(C) Distance from Bank: 5 feet</li> </ul>		Spacing Between Rows: NA Number of Rows: 1
	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; deep peat; peaty muck.		
٧.	SALINITY: 0-2 ppt		
VI.	WAVE ACTION:		
	(A) (*) wind and/or (*) boat (B) () light, (*) medium, () l	neavy	
	Comments:		
VII.	VII. TRAFFICABILITY:		
	() good, (*) moderate, () poor, () very poor		
	Comments:		



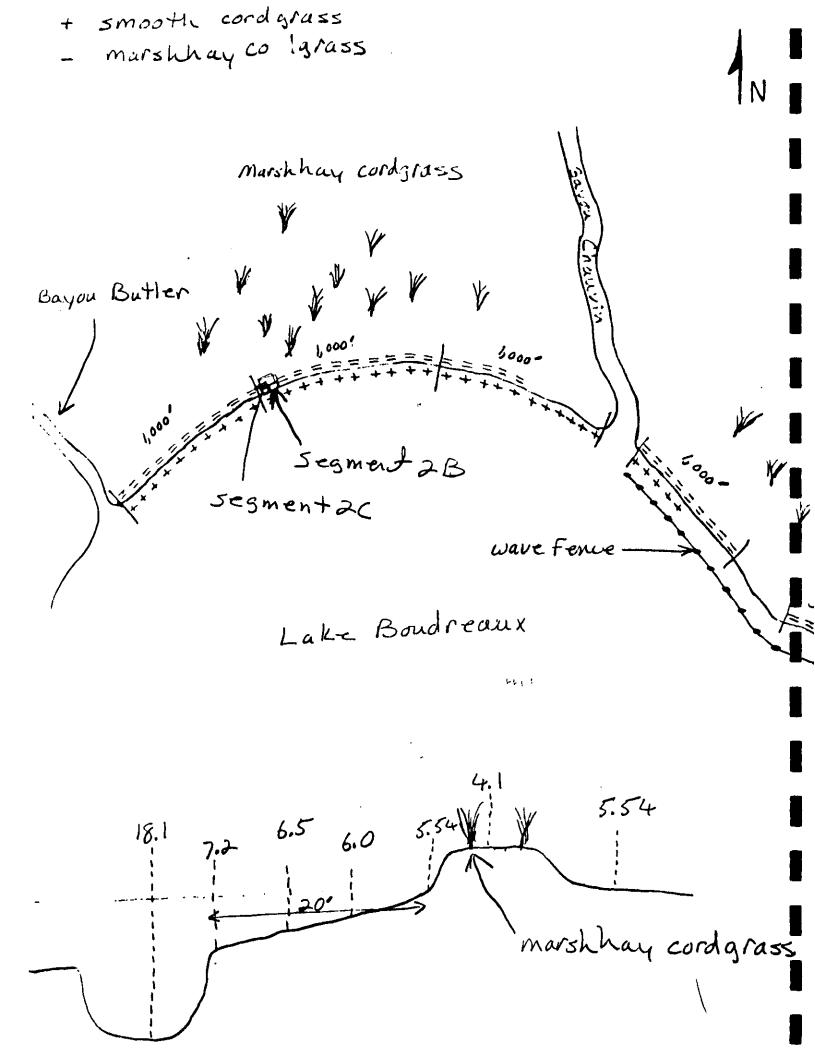
# SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

**DISTRICT:** Lafourch-Terrebonne

DATE OF PLANTING: 5/2/94

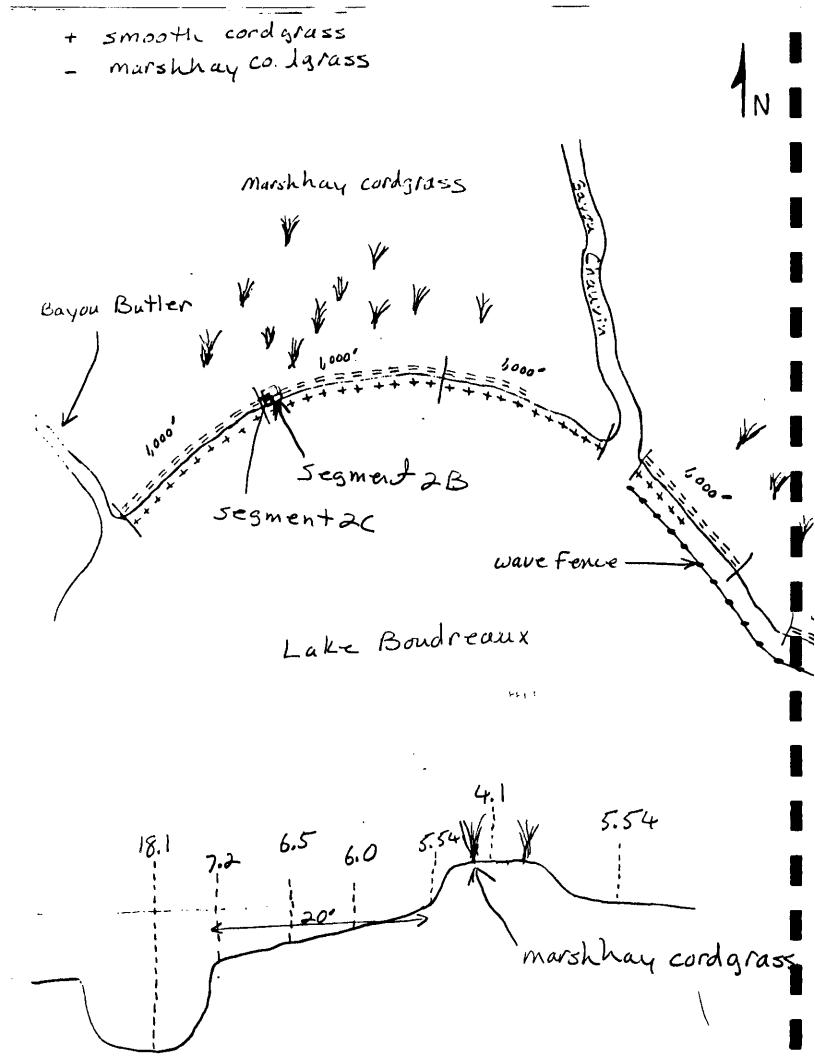
PARISH:		Terrebonne		DATE OF MONITORING: 5/2/94			
	MONIT	ORS:	Joey Bre Jewel Bo	aux udwin		8EGMI	ENT NO: 2B
	. I.	BAN	K CONFI	GURATION:			
		(A) (B) (C)	Direc	nce of Fetch: 1 tion of Fetch; Depth: 0 (on ba	South	(D) (E) (F)	Pond Bottom Elevation: NA
		Com	ments:				O feet inland from waters edge. ings. (Sketch on back)
	II.	PLA	NTING A	LIGNMENT:			
		(A) (B) (C)	Spaci	tion of Rows: E ng in Rows: 6 i nce from Bank:	nches	(E)	Spacing Between Rows: 3 Feet Number of Rows: 2
Comm			ments: 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			EXCLUSIONS: A picture will be included.		
		Non	e				
	IV.	SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck. (spoil levee)					
	٧.	• BALINITY: Oppt					
VI. WAVE ACTION:		•		*			
				ind and/or (X ight, (X) medi		aavy	
		Com	ments:				
	VII.	TRAFFICABILITY:					
		( )	good,	(X) moderate,	() poor,	( )	very poor
		Com	ments:				



#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

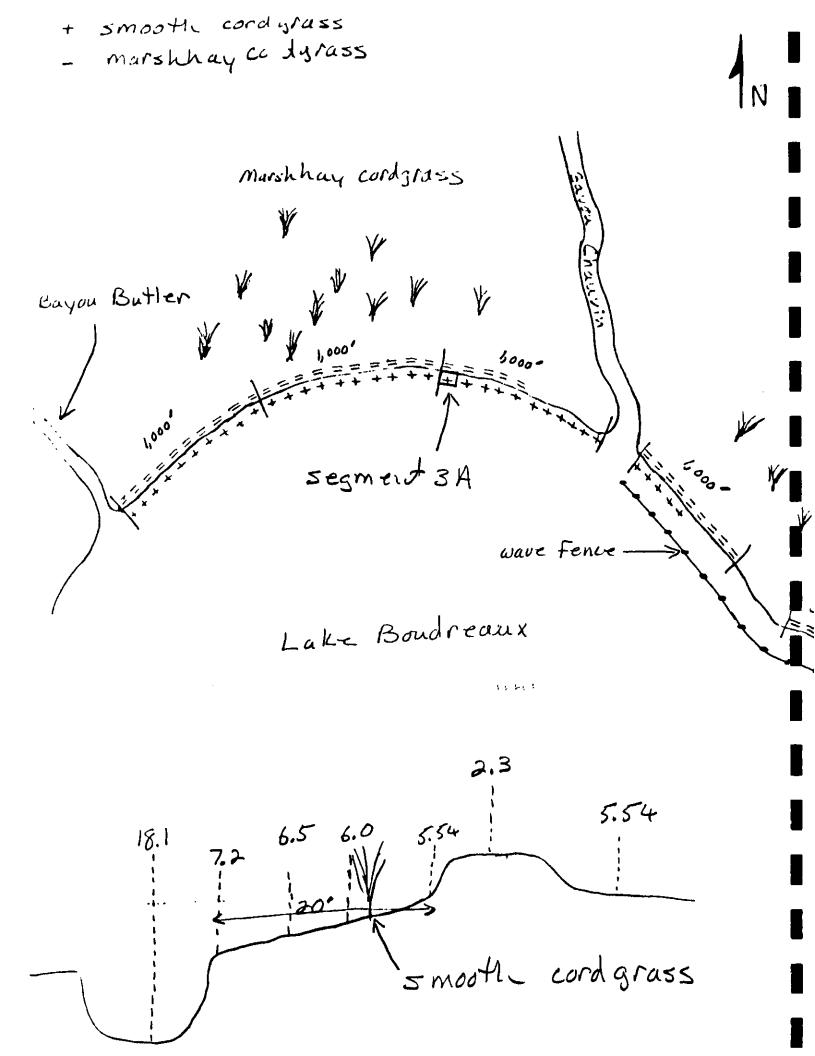
DISTRICT: PARISH:		Lafourche-Terrebonne	DATE OF PLANTING: 5/2/94		
		Terrebonne	DATE OF MONITORING: 5/2/94		
MONIT	ORS:	Joey Breaux Jewel Boudwin	<b>SEGMENT NO:</b> 2C		
, I.	BANK	CONFIGURATION:			
		Distance of Fetch: 1 Mile Direction of Fetch; South Water Depth: 0 (On bank)	<ul><li>(D) Marsh Level: 3 Feet</li><li>(E) Pond Bottom Elevation: NA</li><li>(F) Slope of Bank: 30:1 (Flat)</li></ul>		
	Comm	nents: Plants are planted on (Sketch on back)	top of levee 8 feet inland from waters edge.		
ıı.	PLANTING ALIGNMENT:				
		Direction of Rows: E-W Spacing in Rows: 6 Inches Distance from Bank: 8 ft			
	Comm	nents: Segment 2C is planted	in marshhay cordgrass.		
ııı.	DESC	RIBE WAVE STILLING DEVICE	OR NUTRIA EXCLUSIONS:		
		(i.e. material used, size, shape, etc.) A picture will be included.			
	None				
IV.	SOIL	SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck. (spoil levee)			
▼.	BALI	SALINITY: Oppt			
VI.	WAYE	WAVE ACTION:			
	(A) (x) wind and/or (x) boat (B) () light, (x) medium, () heavy				
	Comm	ments:			
VII.	TRAF	FICABILITY:			
	( ) good, (X) moderate, ( ) poor, ( ) very poor				
	Comm	ents:			



## SEGNENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DISTR	ICT: Laforche-Terrebonne	DATE OF PLANTING: 5/6/94		
PARIS	H: Terrebonne	DATE OF MONITORING: 5/2/94		
MONITORE: Joey Breaux Jewel Boudwin		<b>BEGMENT NO:</b> 3A		
ı.	BANK CONFIGURATION:			
	<ul> <li>(A) Distance of Fetch: 1 mile</li> <li>(B) Direction of Fetch; South</li> <li>(C) Water Depth: 6-12 inches</li> </ul>			
	Comments: Pond bottom elevation is rod into Lake Boudreaux. Elevati	reading taken approx. 400 feet out on and level units are rod readings.		
II.	PLANTING ALIGNMENT:			
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 feet</li> <li>(C) Distance from Bank: 10 feet</li> </ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1		
	Comments: Segment 3A is planted in smooth cordgrass (Spartina alterniflora).			
III.	(i.e. material used, size, shape, etc.) A picture will be included. None			
	SOILS (Type & Texture): Freshwate	er marsh; deep peat; peaty muck.		
▼.	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:	•		



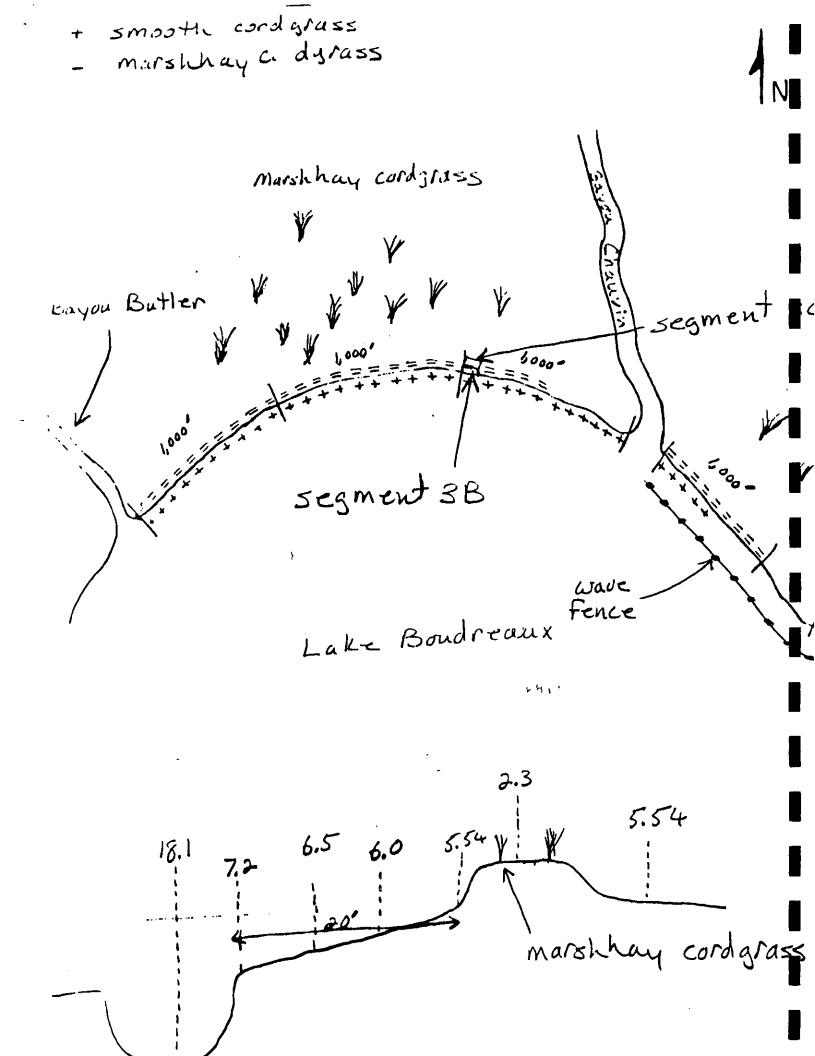
## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

**DISTRICT:** Lafourche-Terrebonne

DATE OF PLANTING: 5/3/94

PARISH: MONITORS:		Terrebonne	DATE OF MONITORING: 5/2/94		
		Joey Breaux Jewel Boudwin	<b>SEGMENT NO:</b> 3B		
ı.	BANK	CONFIGURATION:			
	, ,	Distance of Fetch: 1 Mile Direction of Fetch; South Water Depth: 0 (On bank)	<ul><li>(D) Marsh Level: 5.54</li><li>(E) Pond Bottom Elevation: NA</li><li>(F) Slope of Bank: 30:1 (Flat)</li></ul>		
	Comm		op of levee 10 feet inland from waters edge. are rod readings. (Sketch on back)		
II.	PLAN	PLANTING ALIGNMENT:			
	(A) (B) (C)	Direction of Rows: E-W Spacing in Rows: 6 Inches Distance from Bank: 10 ft			
	Comm	ents: Segment 3B is planted in	marshhay cordgrass.		
III.	III. <u>DESCRIBE WAVE STILLING DEVICE OR NUTRIA EXCLUSIONS:</u> (i.e. material used, size, shape, etc.) A picture wil				
	None				
IV.	<b>SOILS</b> (Type & Texture): Fresh water marsh; deep peat; peaty muck. (Spoil levee)				
٧.	V. SALINITY: Oppt				
VI.	WAVE	: ACTION:			
		(x) wind and/or (x) boa ( ) light, (x) medium,			
	Comm	nents:			
	MDAE	DRIANDII TMV.			
A11.		Pricability:			
	( )	good, (x) moderate, ()	poor, ( ) very poor		
	Comm	ments:			
			-293-		



#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DATE OF PLANTING: 5/3/94

BEGMENT NO: 3C

DATE OF MONITORING: 5/2/94

**DISTRICT:** Lafourche-Terrebonne

PARISH: Terrebonne

MONITORS: Joey Breaux

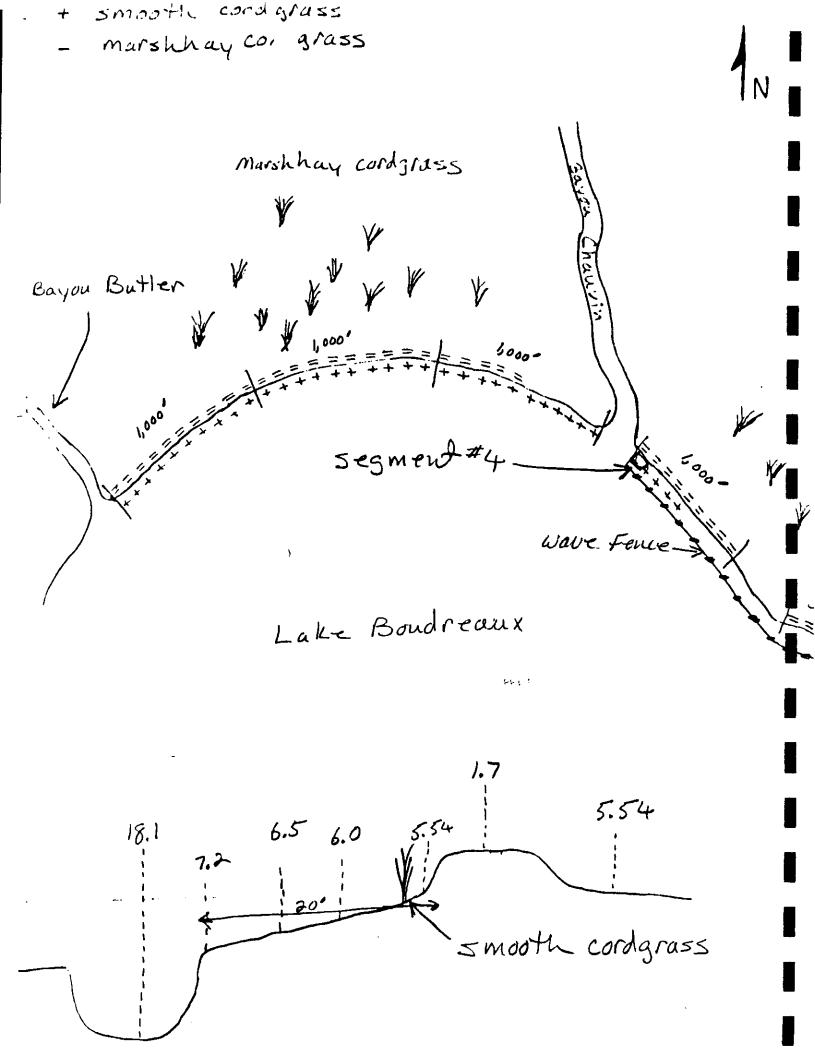
	Jewel Boudwin			
ı.	BANK CONFIGURATION	[:		
	<ul><li>(A) Distance of F</li><li>(B) Direction of</li><li>(C) Water Depth:</li></ul>	Fetch; South	(D) Marsh Leve (E) Pond Botto (F) Slope of E	om Elevation: NA
	Comments: Plants as Elevation	re planted on top of I n and level units are		ters edge.
ıı.	PLANTING ALIGNMENT	:		
	<ul><li>(A) Direction of</li><li>(B) Spacing in Ro</li><li>(C) Distance from</li></ul>		(E) Number of F	ween Rows: 3 Feet Rows: 2
	Comments: Segment	3C is planted in marsh	hay cordgrass.	
ıı.	DESCRIBE WAVE STIL (i.e. material use			vill be included.
IV.	SOILS (Type & Tex	(ture): Fresh water (Spoil leve	marsh; deep peat; p	eaty muck.
v.	SALINITY: Oppt			
VI.	WAVE ACTION:			
	(A) (X) wind and (B) () light, (	l/or (x) boat (x) medium, ( ) h	eavy	
	Comments:	100		
VII.		and the second s	· · · · · · · · ·	
	( ) good, ( x) mod	derate, ( ) poor,	( ) very poor	
	Comments:			
		-294-		

smooth cordaruss marshhay ce dyrass marshhay cordinass Kayou Butler segment segment 3B fence Lake Bondreaux marshhay cordgrass

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #13

DISTRICT: Laforche-Terrebonne		DATE OF PLANTING: 5/9/94		
PARIS	H: Terrebonne	DATE OF MONITORING: 5/2/94		
MONIT	ORS: Joey Breaux Jewel Boudwin	SEGMENT NO: 4		
ı.	BANK CONFIGURATION:			
	<ul> <li>(A) Distance of Fetch: mile</li> <li>(B) Direction of Fetch; South</li> <li>(C) Water Depth: 0-6 inches</li> </ul>	<ul><li>(D) Marsh Level: 5,54</li><li>(E) Pond Bottom Elevation: 12.6</li><li>(F) Slope of Bank: 20:1</li></ul>		
II.	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)  PLANTING ALIGNMENT:			
	(A) Direction of Rows: E-W (B) Spacing in Rows: 5 feet (C) Distance from Bank: 5 feet	(D) Spacing Between Rows: NA (E) Number of Rows:1		
	Comments: Segment 4 is planted in smooth of	ordgrass (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, bo	olted onto landscape timber posts.		
IA.	SOILS (Type & Texture): Freshwater marsh; deep peat; peaty muck.			
₩.	SALINITY: 0-2 ppt			
VI.	WAVE ACTION:			
1	<pre>(A) (*) wind and/or (*) boat (B) ( ) light, (*) medium, ( ) heavy</pre>			
	Comments:			
VII.	TRAFFICABILITY:	•		
	() good, (*) moderate, () poor,	( ) very poor		
	Comments:			



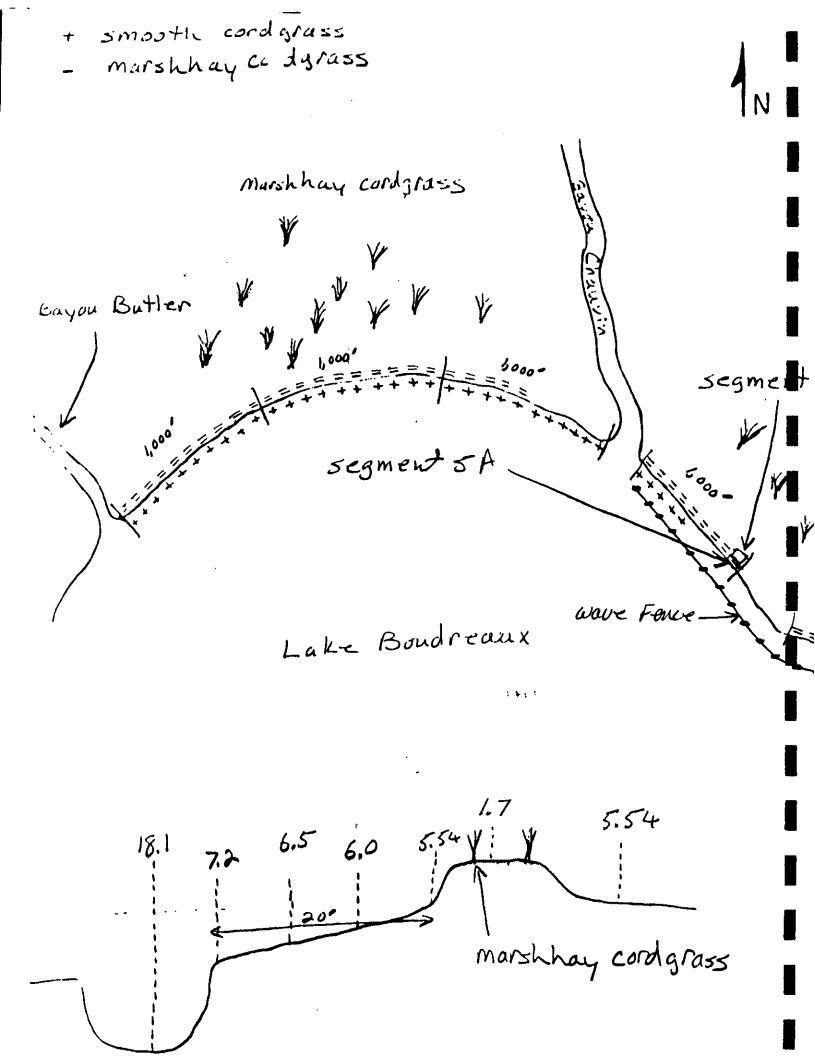
#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

**DISTRICT:** Lafourche-Terrebonne

DATE OF PLANTING: 5/4/94

PARISH: MONITORS:		Terrebonne	DATE OF MONITORING: 5/2/94	
		Joey Breaux Jewel Boudwin	<b>SEGMENT NO:</b> 5A	
ı.	BANK	CONFIGURATION:		
	(A) (B) (C)	Distance of Fetch: 1 Mile Direction of Fetch; South Water Depth: 0 (On bank)		
	Comm		op of levee 5 feet inland from waters edge. ion and level units are rod readings.	
II.	PLAN	TING ALIGNMENT:		
	(A) (B) (C)	Direction of Rows: E-W Spacing in Rows: 6 inches Distance from Bank: 5 fee	(D) Spacing Between Rows: 3 Feet (E) Number of Rows: 2 et inland	
	Comn	ments: 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.	• <b>SOILS (Type &amp; Texture):</b> Fresh water marsh; deep peat; peaty muck. (Spoil levee)			
₩.	V. SALINITY: Oppt			
VI.	VI. WAVE ACTION:			
		(X) wind and/or $(X)$ bo () light, $(X)$ medium,		
	Com	ments:		
VII.		<pre>FFICABILITY:    good, (X) moderate, ()</pre>	noor ( ) very poor	
	-		booti ( ) toti boot	
Comments:				



## **BASE DATA**

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

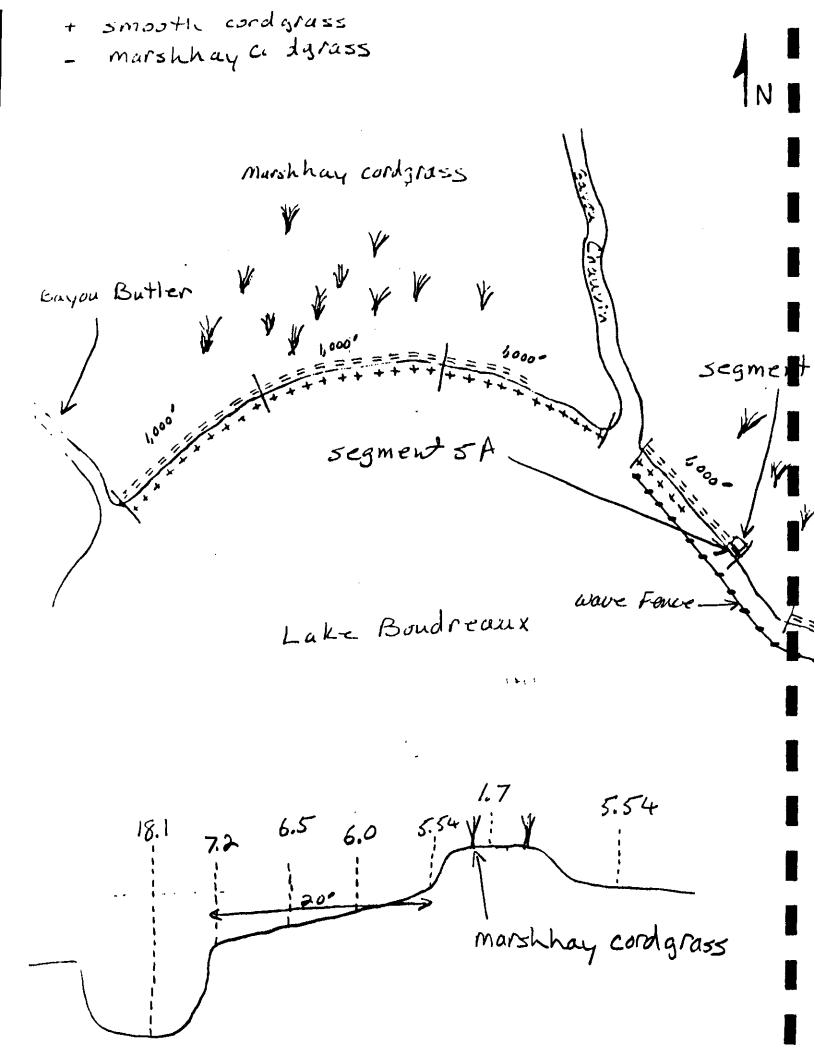
**DISTRICT:** Lafourche-Terrebonne

PARISH: Terrebonne

DATE OF PLANTING: 5/4/94

DATE OF MONITORING: 5/2/94

MONIT	ORS:	Joey Breaux Jewel Boudwin	<b>SEGMENT NO:</b> 5B
. I.	BANK	CONFIGURATION:	
	(B)	Distance of Fetch: 1 mile Direction of Fetch; South Water Depth: 0 (On bank)	<ul><li>(D) Marsh Level: 5.54</li><li>(E) Pond Bottom Elevation: NA</li><li>(F) Slope of Bank: 40:1 (Flat)</li></ul>
	Comm	ments: Plants are planted on top of	of levee, 8 feet inland from waters edge.
ıı.	PLAN	TING ALIGNMENT:	
	(A) (B) (C)	Direction of Rows: E-W Spacing in Rows: 6 inches Distance from Bank: 8 ft. inla	(D) Spacing Between Rows: 3 Fee (E) Number of Rows: 2
	Comm	ments: Segment 5B is planted in ma	arshhay cordgrass.
III.		RIBE WAVE STILLING DEVICE OR No. material used, size, shape,	NUTRIA EXCLUSIONS: etc.) A picture will be included.
	W.S.	D 4 1"X4" boards spaced 5" apart,	bolted onto landscape timber posts.
IV.	SOII	B (Type & Texture): Fresh wate	er marsh; deep peat; peaty muck.
٧.	SALI	NITY: Oppt	
VI.	WAVE	ACTION:	
		<pre>(X) wind and/or (X) boat ( ) light, (X) medium, ( )</pre>	heavy
	Comm	ents:	
VII.	TRAI	PICABILITY:	
	( )	good, (x) moderate, () poor	r, () very poor
	Comm	ents:	



## BASE DATA

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

DATE OF PLANTING: 5/9/94

**BEGMENT NO:** 6A

DATE OF MONITORING: 5/2/94

**DISTRICT:** Lafourche-Terrebonne

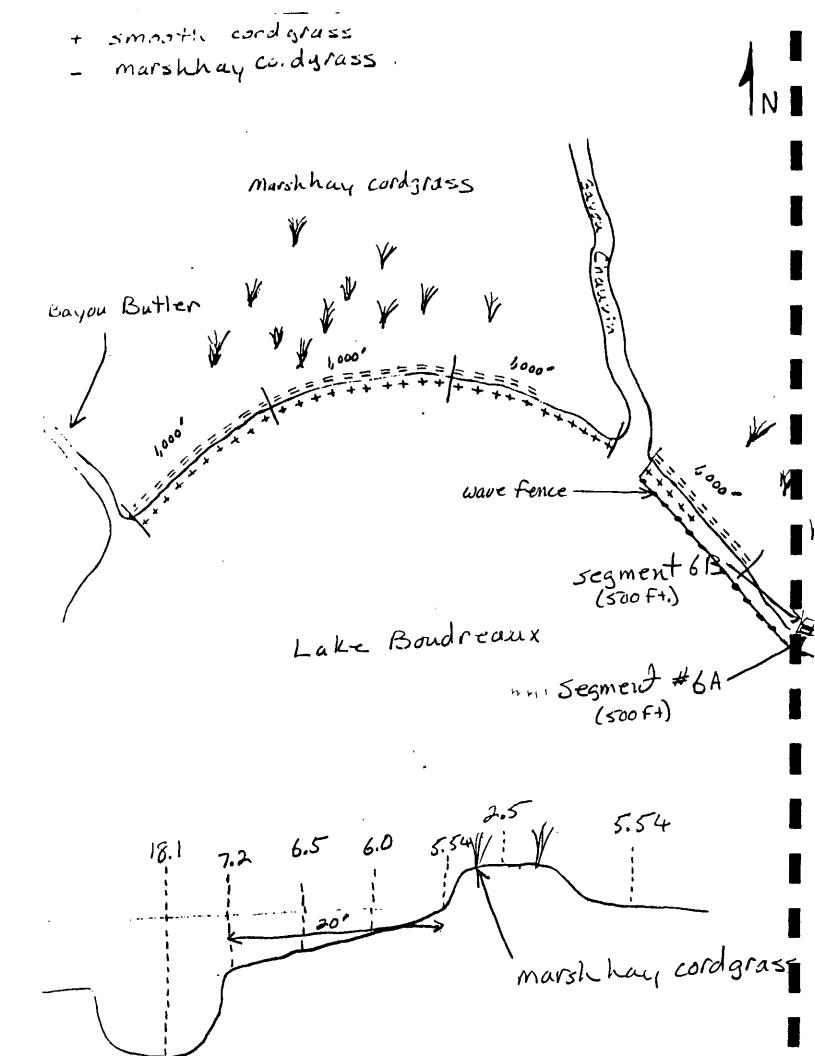
MONITORS: Joey Breaux

Terrebonne

Jewel Boudwin

PARISH:

ı.	BANK CONFIGURATION:
	(A) Distance of Fetch: 1 Mile (B) Direction of Fetch: South (C) Water Depth: 0 (On bank)  (D) Marsh Level: 5.54 (E) Pond Bottom Elevation: NA (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 l"X4" boards spaced 5" apart, bolted onto landscape timber posts.
IV.	<b>SOILS (Type &amp; Texture):</b> Fresh water marsh; deep peat; peaty muck. (Spoil levee)
٧.	BALINITY: 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:
	-298-



## **BASE DATA**

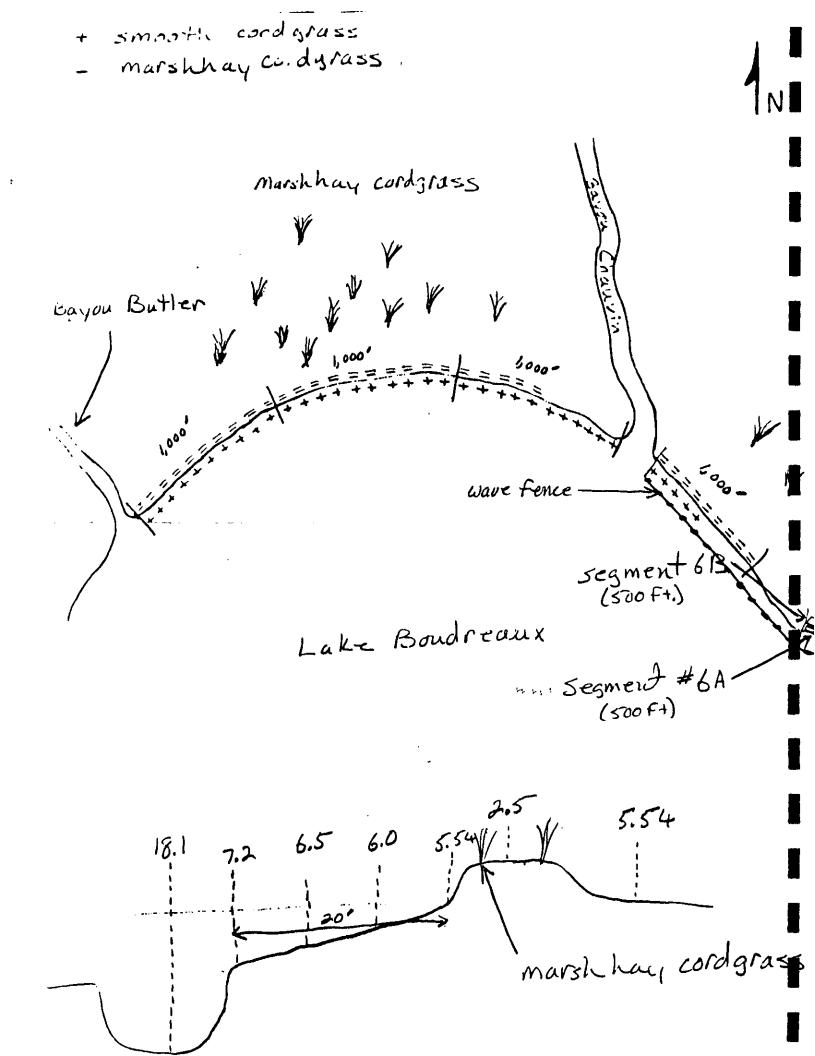
#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 13

**DISTRICT:** Lafourche-Terrebonne

DATE OF PLANTING: 5/9/94

PARISH:		Terrebonne	DATE OF MONITORING: 5/2/94
		Joey Breaux Jewel Boudwin	<b>SEGMENT NO:</b> 6B
	BANI	CONFIGURATION:	
	(B)	Distance of Fetch: 1 Mile Direction of Fetch; South Water Depth: 0 (On bank)	<ul><li>(D) Marsh Level: 5.54</li><li>(E) Pond Bottom Elevation: NA</li><li>(F) Slope of Bank: 40:1 (Flat)</li></ul>
	Com	nents: Plants are planted on top of	of levee, 8 feet inland from waters edge.
ıı.	PLA	TING ALIGNMENT:	
		Spacing in Rows: 6 Inches	
	Com	ments: Segment 6B is planted in ma	arshhay cordgrass.
III.		CRIBE WAVE STILLING DEVICE OR a. material used, size, shape,	NUTRIA EXCLUSIONS: etc.) A picture will be included
	W.S.	D 4 1"X4" boards spaced 5" apart.	, boted onto landscape timber posts.
IV.	BOII	(Spoil 1	ater marsh; deep peat; peaty muck. Levee)
٧.	BAL	INITY: Oppt	
VI.	WAYI	ACTION:	
		<pre>(X) wind and/or (X) boat ( ) light, (X) medium, ( )</pre>	heavy
	Com	ments:	
WII.	TRAI	PICABILITY:	
	( )	good, (X) moderate, () poo	or, () very poor
	Com	ments:	
		_200_	



TASK # 13 (Lake Boudreaux Levee) SEGMENT # 1A	
DISTRICT LaFourch-Terrebonne SWCD DATE OF PLANTIN	<b>o</b> _5/5/94
PARISH Terrebonne MONITORING DAT	E 7/1/94
INFORMATION PREPARED BY JOEY Breaux /M. Tullos (Nois - Incluma cupy of all your noise and calculations with this loom)	
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and common name)	Smooth cordgrass Spartina alterniflora
A. How many plants where originally planted in this task?  B. How many plants where originally planted in this	700
sample segment?  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	<del></del>
2. Count the total number of stems/shoots for all the living plants found within the sample segment, enter total number	
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	0
that seament. Enter the average here	0

1. Was there damage from:	
A. Herbivores	
a) High	*
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	<u></u>
b) Medium	
c) Low	
d) None	*
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	*
D. Other (e.g. water debris, foot traffic, float	ing plants) specify
the source	wave action
a) High	*
b) Medium	
c) Low	
d) None	

#### 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 hebivore damage).

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. Brea	<del></del>	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALCL		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name) Spartina pat	ens
	Marshhay cor	-
A. How many plants where originally		,-9. 400
B. How many plants where originally		•
sample segment?	200	
C. How many plants are living in this:		•
PLANT PRODUCTIVITY MEASURE		•
1. How would you rate overall plant vigor	?	
A. Excellent		
B. Good	<del></del>	'
C. Fair		
D. Poor	X	
2. Count the total number of stems/shoots	for all the living	
plants found within the sample segmen	t, enter total number 20	
3. To determine lateral spread, working we within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determ spread for living plants within this sample the lateral measurements for all the living	om the center of the plant. Make only ine average lateral ple segment, total all	
	<del>-</del> -	
segment and divide by the number of li- that segment. Enter the average here	ring plants within 13/13 1 inc	ch
with segment. Lines the average here		<b>-</b>

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) specif	f <b>y</b>
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	

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.

TASK # 13 (Lake Boudreaux Levee) SEGMENT # 46		
DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/2/94
PARISH Terrebonne	MONITORING DATE	7/1/94
INFORMATION PREPARED BY JOSY BESSIE (NOTE - INCLUME A COPY OF ALL YOUR NOTES AND CALCULA	x /M Tullos Attuns with this lukm)	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	nmon name)	Marshhay cordgrass
A. How many plants where originally p		Spartina patens 8.000
B. How many plants where originally posture sample segment?		200
C. How many plants are living in this so	umple segment?	31
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?  A. Excellent  B. Good  C. Fair  D. Poor		*
Count the total number of stems/shouts in plants found within the sample segment,	<u> </u>	10
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Finer the average here	n the center of the plant. Make only no average lateral is segment, total all g plants within the ing plants within	10/10-1 inch

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. Discase	
a) High	
b) Medium	
c) Low	
d) None	*
D. Other (e.g. water debris, foot traffic, floating plants) specify	,
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	
—g - ·	

## COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Most new shoots appear no older than a week.

TASK # 13 (Lake Roudreaux Levee) SEGMENT# 2A		
DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/6/94
PARISH Terrebonne	MONTTORING DATE	7/1/94
INFORMATION PREPARED BY JOEY Bresu (Note - Insulina copy of all your notes and calcul-		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con-	mon name)	Smooth cordgrass
•	·	Spartina alterniflora
A. How many plants where originally plants where originally plants where originally plants.		700
sample segment?	wied in ans	20
C. How many plants are living in this sa	mple segment?	0
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?		
A. Excellent		
B. Good		
C. Fair		
D. Poor		
<ol><li>Count the total number of stems/shoots f plants found within the sample segment,</li></ol>		0
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only se average lateral as segment, total all plants within the	
that segment. Enter the average here	1.9 Leaning Assembly	0

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. Discase	
a) High	
b) Medium	
c) Low	***************************************
d) None	*
D. Other (e.g. water debris, foot traffic, floating pla	nts) specify
the source	Wave damage
a) High	*
b) Medium	
c) Low	
d) None	

TASK # 13 (Lake Boudreaux Levee)  SEGMENT # 2B  DISTRICT LaFouche-Terrebonne SWCD DATE OF PLANTING  PARISH Terrebonne MONITORING DATE  INFORMATION PREPARED BY JOEY BY TULLOS (NOTE - INFLAMA CUPY OF ALL YOUR NUTS AND CALCULATIONS WITH THE FORM)	
PLANT SURVIVAL INFORMATION  1. Species Planted (scientific name and common name)  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?	Marshhay cordgrass  Spartina patens 8,000  200 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	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

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. Discase	
a) High	
b) Medium	
c) Low	
d) None	*
D. Other (e.g. water debris, foot traffic, floating plan	nts) specify
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	

8.1

TASK # 13 (Lake Boudreaux Levee)  SEGMENT # 2C  DISTRICT LaFouche-Terrebonne SWCD  PARISH Terrebonne  INFORMATION PREPARED BY JOEY Bream (NOTH-INCLUME ACCUST OF ALL YOUR BUILD AND CALLED)		
PLANT SURVIVAL INFORMATION  1. Species Planted (scientific name and com-	imon name)	Marshhay cordgrass
<ul> <li>A. How many plants where originally plants where originally plants ample segment?</li> <li>C. How many plants are living in this sa</li> </ul>	lanted in this	Spartina patens 8,000  200 23
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?  A. Excellent  B. Good  C. Fair  D. Poor		*
<ol><li>Count the total number of stems/shouts f plants found within the sample segment,</li></ol>	_	12
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the plant. Make only ne average lateral e segment, total all g plants within the	8/6 l inch

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	s) specify
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	

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 Breat (NOTE - INCLUMENCE OF ALL YOUR NOTES AND CALCUL	x /M_Tullos	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	nmon name)	Smooth cordgrass
•		Spartina alterniflora
A. How many plants where originally p	lanced in this task?	700
B. How many plants where originally p	lanted in this	<del></del>
sample segment?		
C. How many plants are living in this se	imple segment?	0
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor	•	
A. Excellent		<del></del>
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	
3. To determine lateral spread, working wi within the sample segment, measure from plant to the farthest living shoot of that one measurement per plant. To determine spread for living plants within this samp the lateral measurements for all the livin	m the center of the plant. Make only ne average lateral le segment, total all	
segment and divide by the number of liv	<del></del>	
that segment. Enter the average here		0

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. Discase			
a) High			
b) Medium			
c) Low			
d) None	*		
D. Other (e.g. water debris, foot traffic, floating plants) specify			
the source	Water debris &	wave	action
a) High	*		
b) Medium			
c) Low			
d) None			
•			

ł,

	(Lake Boudreaux Levee)			
SEGMENT #	3B UCT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/3/94	
•	Terrebonne	MONITORING DATE		
INPO	RMATION PREPARED BY JOSE Bresus.  - INCLUMA COPY OF ALL YOUR NUTS AND CALCULA	x/M. Tullos		
PLANT SURV	IVAL INFORMATION			
i. Sp	ecies Planted (scientific name and con	mon name)		cordgrass alterniflora
	. How many plants where originally p		8,000	
_	sample segment?		200	
C	. How many plants are living in this so	mple segment?	31	
•	UCTIVITY MEASURE			
	ow would you rate overall plant vigor? L. Excellent			
_	. Good		×	
_	L. Fair			<del></del>
. <b>D</b>	). Poor	,		
	ount the total number of stems/shoots that the total number of stems/shoots that the sample segment,	_	8	
wi	determine lateral spread, working within the sample segment, measure from ant to the farthest living shoot of that p	n the center of the		
on	e measurement per plant. To determine the for living plants within this sample	oc average lateral		
	e lateral measurements for all the living			
	gment and divide by the number of livi			
	at seament. Unter the sucreas have	<del></del>	2/6	.3 inches

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) spe	cify
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	

6 1

Magree (Take Boudmours Tarres)		
TASK # 13 (Lake Boudreaux Levee) SECMENT# 3C		
SEGMENT # 3C DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/3/0/
	MONITORING DATE	
		112124
INFORMATION PREPARED BY <u>locy Breaux</u> (NOTE - INCLUME A CUST OF ALL YOUR NOTES AND CALCULATE		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	non name)	Marshhay cordgrass
•	•	Spartina patens
A. How many plants where originally plants	nted in this task?	8,000
B. How many plants where originally plan		
sample segment?		2000
C. How many plants are living in this sam	ple segment?	23
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		
B. Good	i	*
C. Fair		
D. Poor		
2. Count the total number of stems/shoots for	r all the living	
plants found within the sample segment, e	nter total number	27
3. To determine lateral spread, working with		
within the sample segment, measure from		
plant to the farthest living shoot of that pla	int. Make only	
one measurement per plant. To determine		
spread for living plants within this sample		
the lateral measurements for all the living		
segment and divide by the number of living	-	
that seament. Enter the average here	•	10/11 l inch

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) specif	'y
the source	Drought
a) High	*
b) Medium	
c) Low	<del></del>
d) None	

TASK # 13 (Lake Roudreaux Levee)		
SEGMENT# 4		
DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/9/94
PARISH Terrebonne	MONITORING DATE	
INFORMATION PREPARED BY JOSY Bre		
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CALC		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	ommon name)	Smooth cordgrass
	,	Sparting alterniflors
A. How many plants where originally	planted in this task?	700
B. How many plants where originally	-	
sample segment?	hanned in any	20
C. How many plants are living in this	comple recovery	0
C. 110 w timely branch are name at mire	entilité se Pineire.	
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	ır?	
A. Excellent		
B. Good		
C. Fair		
D. Poor		
2. Count the total number of stems/shoot	s for all the living	
		0
plants found within the sample segmen	it's eliter total liquines	<del></del>
3. To determine lateral spread, working v	vith only living plants	
within the sample segment, measure fi		
plant to the farthest living shoot of the		
one measurement per plant. To determ	•	
spread for living plants within this sam		
the lateral measurements for all the liv		
segment and divide by the number of 1	iving braves within	0
that coment. Bates the average here		U

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 plan	nts) specify
the source	Wave action
a) High	*
b) Medium	
c) Low	
d) None	<del></del>

8 1

TASK # 13 (Lake Boudreaux Levee)		
SEGMENT# 5A		
	DATE OF PLANTING.	
PARISH Terrebonne	MONTTORING DATE	7/1/94
INFORMATION PREPARED BY JOSE Breaty / (NOTE: DESIGNATION OF ALL YOUR NOTES AND CALCULATE		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	on name)	Marshhay cordgrass
	,	Spartina natens
A. How many plants where originally plan	red in this task?	_8,000 _
B. How many plants where originally plan		
sample segment?		200
C. How many plants are living in this same	ale 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 sterns/shoots for		
plants found within the sample segment, en	iter total number	18
A Maria		
3. To determine lateral spread, working with (	<b>U</b> -	
within the sample segment, measure from t		
plant to the farthest living shoot of that pla	_	
one measurement per plant. To determine		
spread for living plants within this sample a		
the lateral measurements for all the living p		
segment and divide by the number of living	plants within	0// 0 : :
that segment. Enter the average here		9/4 2 inches
<u>-</u>		

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) spe	scify
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	

TASK # 13 (Lake Boudreaux Levee) SEGMENT# 5B		
DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING	5/4/94
PARISH Terrebonne	MONITORING DATE	
INFORMATION PREPARED BY LOS BY	r/M. Tullos	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Marshhay cordgras: Spartina patens
A. How many plants where originally plants where originally plants where originally plants ample segment?	anted in this	200
C. How many plants are living in this sai	mple segment?	13
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?  A. Excellent  B. Good  C. Fair  D. Poor		*
<ol><li>Count the total number of stems/shoots for plants found within the sample segment,</li></ol>		18
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant to the farthest living shoot of that plane measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the lant. Make only to average lateral to segment, total all typlants within the	14/6 2 inches

. 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	Drought
a) High	*
b) Medium	
c) Low	
d) None	

¥ \$

TASK # 13 (Lake Boudreaux Levee) SECMENT# 6A		
SEGMENT # 6A  DISTRICT LaFouche-Terrebonne SWCD	DATE OF PLANTING5/9/94	
PARISH Terrebonne	MONITORING DATE 7/1/94	
INFORMATION PREPARED BY JOSE RESERVED INCOME AND CALCULA	ıx/M. Tullos	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and cor	nmon name) Marshhay cord Spartina pater	
A. How many plants where originally p	planted in this task? 8,000	
B. How many plants where originally particles sample segment?		
C. How many plants are living in this s	ample segment? 8	
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor  A. Excellent	7	
B. Good		
C. Fair		
D. Poor	*	
2. Count the total number of stems/shoots plants found within the sample segment	<u> </u>	
3. To determine lateral spread, working wi within the sample segment, measure fro plant to the farthest living shoot of that one measurement per plant. To determi spread for living plants within this samp the lateral measurements for all the livin segment and divide by the number of living that segment. Enter the average here	m the center of the plant. Make only ne average lateral le segment, total all g plants within the	
wal sekinghi. Enief ine rvefreë hers	0/4 0	

Was there damage from:     A. Herbivores	
a) High	*
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	<u> </u>
d) None	*
C. Discase	
a) High	
b) Medium	
c) Low	
d) None	*
D. Other (e.g. water debris, foot traffic, floating plants) spe	cify
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	
wy a turne	

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TASK # 13 (Lake Boudreaux Levee)  SEGMENT # 6B  DISTRICT LaFouche-Terrebonne SWCD  PARISH Terrebonne	DATE OF PLANTING MONITORING DATE	
INFORMATION PREPARED BY JOSE Breaux (NOTE - INCLUMEN COPY OF ALL YOUR NUISS AND CALCULAT	/M. Tullos	
PLANT SURVIVAL INFORMATION 1. Species Planted (scientific name and comments of the second sec	non name)	Marshhay cordgrass
A. How many plants where originally pla B. How many plants where originally pla sample segment? C. How many plants are living in this san	inted in this	Spartina alterniflora 8.000 200 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 plants found within the sample segment, e		20
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only average lateral segment, total all plants within the	13/6 2 inches

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	*
c) Low	
d) None	<del></del>
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) specif	iy
the source	Drought
a) High	*
b) Medium	
c) Low	
d) None	
•	

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#### 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'

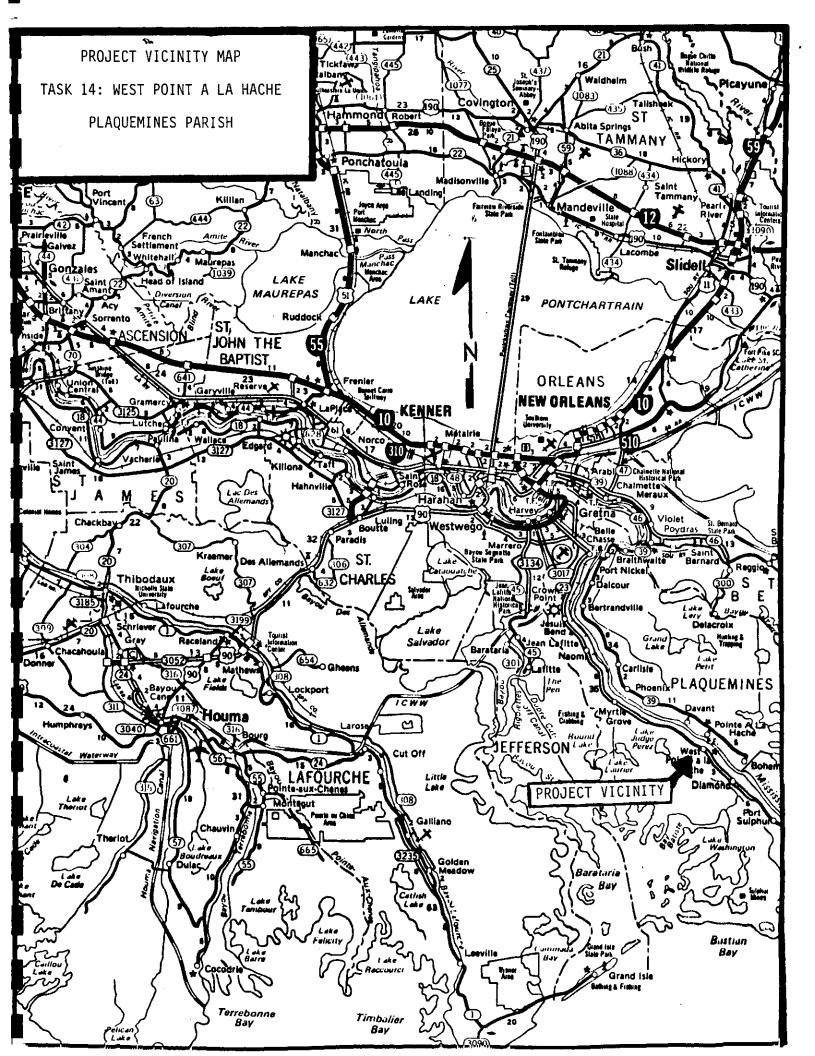
spacing. Planting 120 gallon containers

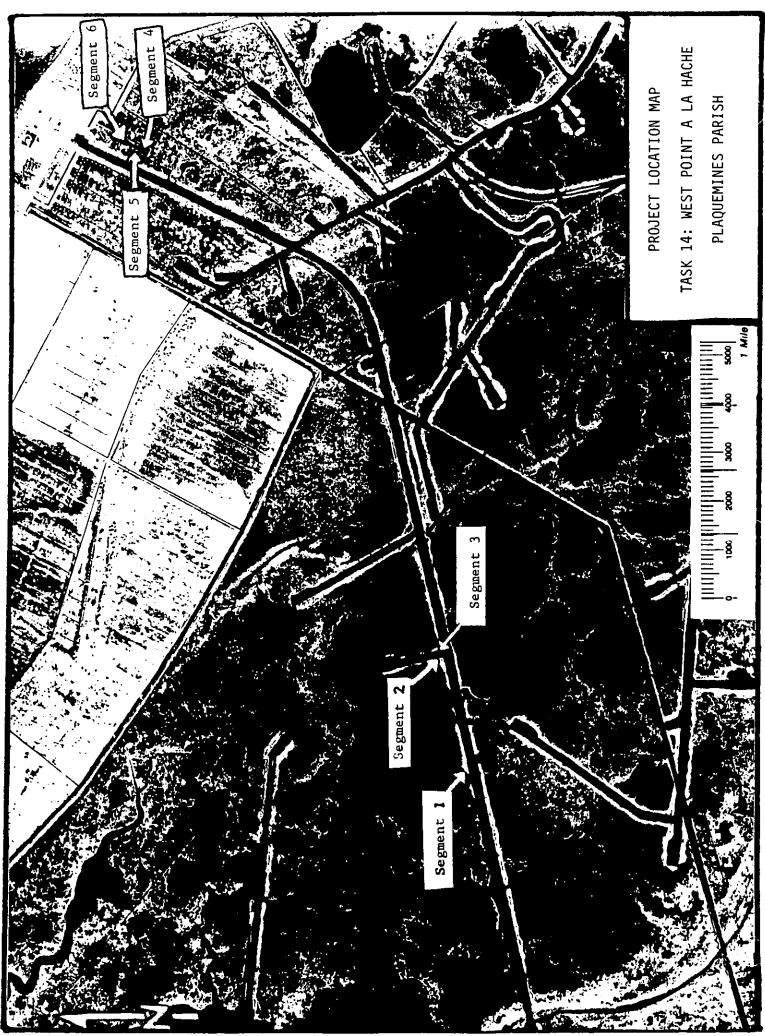
of California bulrush (Scirpus

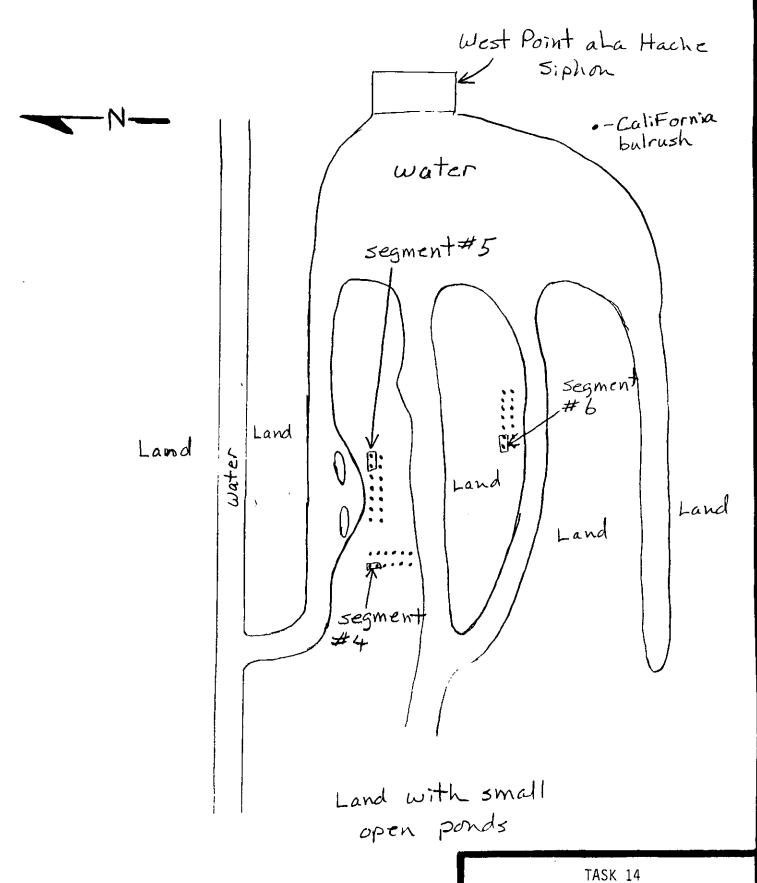
californicus) in immediate outfall of the siphon on 5' spacing, and 320' of sediment fence to be constructed along spoil banks in vicinity of the siphon. Fences are 2'X8" frames, anchored with 8 foot 2X4's and covered with plastic mesh, set perpendicular to the bank. Total proposed project cost is \$5,776.

SWCD: PLAQUEMINE DIST PROJECT NAME: WEST PO SITE EVALUATOR: C. M	DINT A LA HACHE	N	DATE:	<b>6-4-</b> 9
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINT
SOILS ELEMENTS:				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	2_
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0
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)	_1_
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
ENERGY COMPONENTS:		i		
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	_1_
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT	1_
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	
SHORE LINE FEATURES:				
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0_
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	_1_
HERBIVORE POP.	HIGH	MEDIUM	LOW	_1
WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	_1_
(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	10

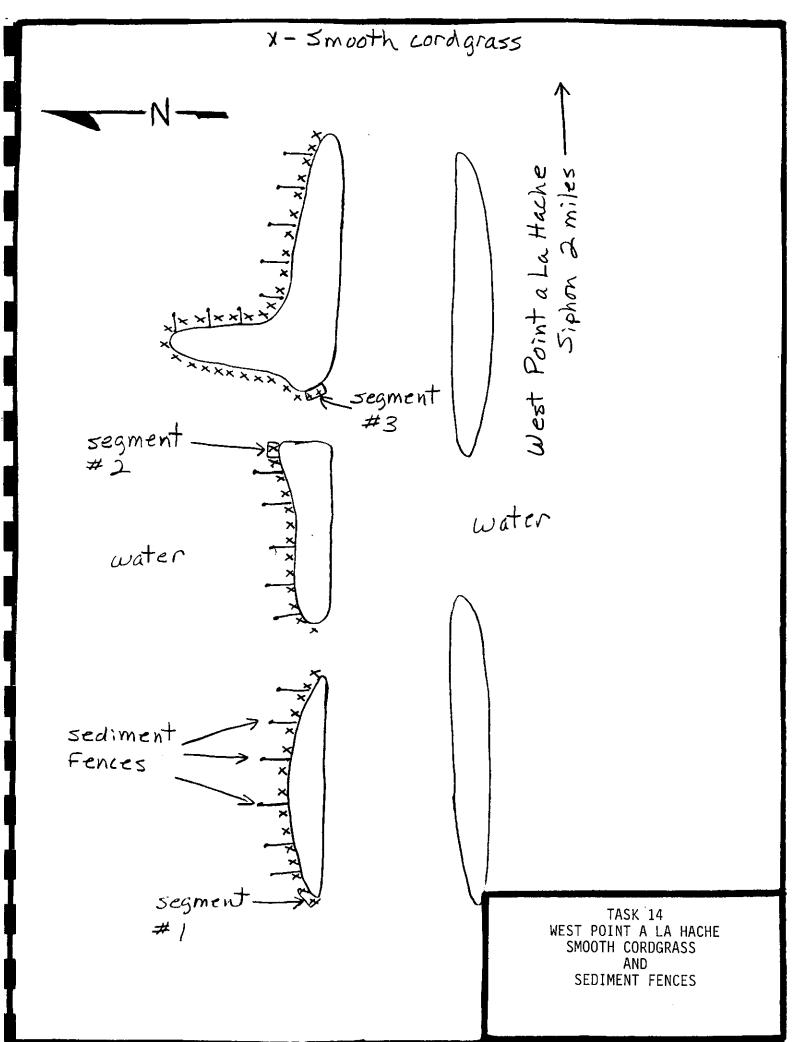
OLE POINTS - SEE PLANT LIST & PROCEED WITH CAUTION







WEST POINT A LA HACHE
CALIFORNIA BULRUSH



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.

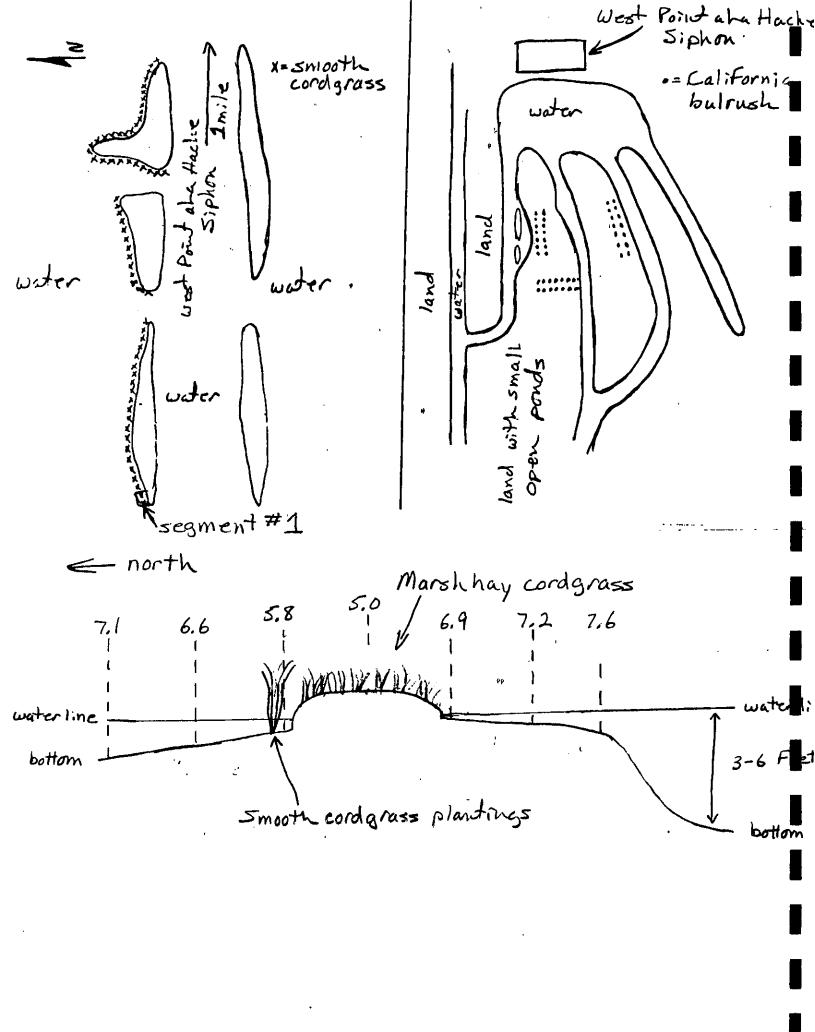
The water table is near or above the soil surface most of the year. Surface runoff is slow or none. Permeability is rapid in the organic layers and very slow in the clay layers. With extreme difficulty this soil will support human and livestock traffic where the surface layers are undisturbed. If disturbed 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.

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #14

DIST	RICT: Plaquemines	DATE OF PLANTING: 6/21/94	
PARIS	Plaquemines	DATE OF MONITORING: 3/30/9	)4
MONIT	CORS: J. Breaux, D. Williamson	SEGMENT NO: 1	
	<b>a</b> •		
I.	BANK CONFIGURATION:		
	<ul> <li>(A) Distance of Fetch: 2,000 ft.</li> <li>(B) Direction of Fetch: N</li> <li>(C) Water Depth: 6-12 inches</li> </ul>	<ul><li>(D) Marsh Level: 5.0</li><li>(E) Pond Bottom Elevat</li><li>(F) Slope of Bank: 8:1</li></ul>	<b>ion:</b> 7.8
	Comments: Planting done along spoil leve a la Hache siphon, which is a	e with influence from West Point prox. I mile to the east.	
II.	PLANTING ALIGNMENT:		
	<ul> <li>(A) Direction of Rows: E=W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: 12 inches</li> </ul>	(D) Spacing Between Row (E) Number of Rows: 1	s: NA
	Comments: Segment 1 is planted in smoot Single row along levee.	cordgrass.	
	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape, N.E.D.'s - 1 inch chicken wire mesh cages 2 with 3/8 in. bamboo.	etc.) A picture will be i	ncluded
IV.	SOILS (Type & Texture); Allemands m	uck."	
₩.	<b>SALINITY:</b> 0 ppt ( May rise without siph	on influence).	
VI.	WAVE ACTION:		
	(A) (*) wind and/or () boat (B) () light, (*) medium, ()	heavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, ( ) moderate, (*) poor	, ( ) very poor	
	Comments:		

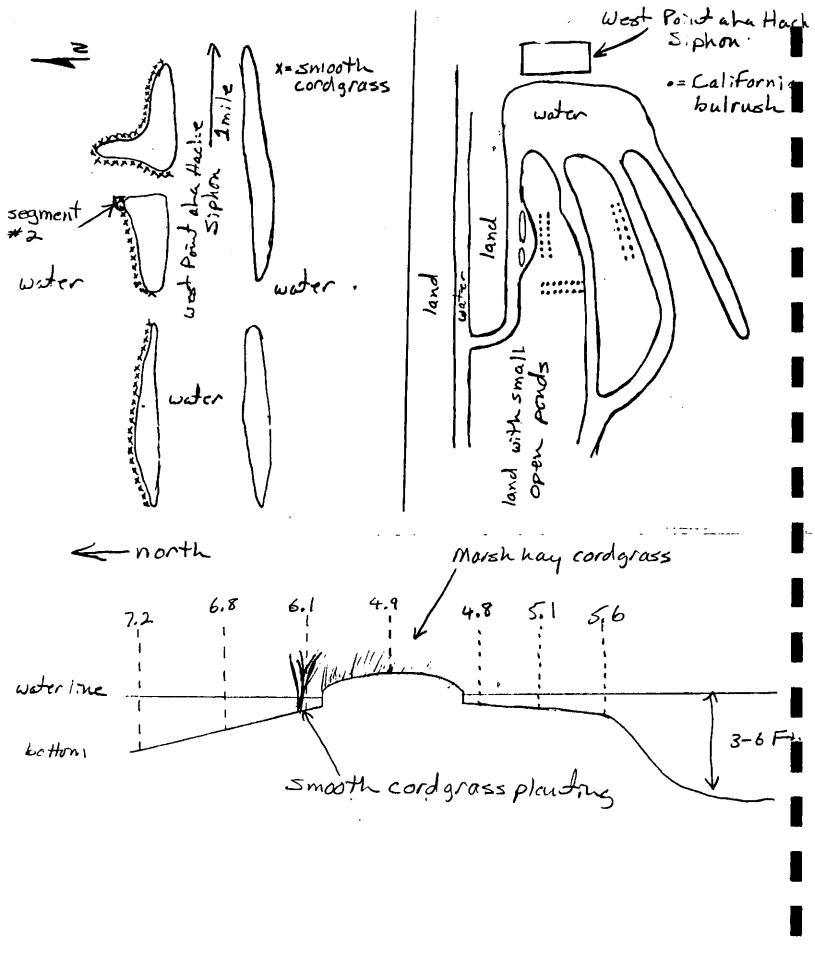


#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DATE OF PLANTING: 6/27/94

PARIS	H:Plaquemines	DATE OF MONITORING: 3/30/94
MONIT	rors: J. Breaux, D. Williamson	SEGMENT NO: 2
	<b>3</b> ·	
ı.	BANK CONFIGURATION:	•
	<ul> <li>(A) Distance of Fetch: 1320 ft</li> <li>(B) Direction of Fetch: N</li> <li>(C) Water Depth: 6-12 inches</li> </ul>	(D) Marsh Level: 4.9 (E) Pond Bottom Elevation: 7.8 (F) Slope of Bank: 9:1
		l levee with influence from West Point is approx. I mile to the east.
II.	PLANTING ALIGNMENT:	
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: 12 in</li> </ul>	(D) Spacing Between Rows: NA (E) Number of Rows: 1 ches
	Comments: Segment 2 is planted in s	mooth cordgrass. Single row along levee.
	DESCRIBE WAVE STILLING DEVICE (i.e. material used, size, sh N.E.D.'s - 1 inch chicken wire mesh ca with 3/8 in. bamboo.	ape, etc.) A picture will be included.
IA.	<b>SOILS (Type &amp; Texture):</b> Allema	ands muck.
₹.	<b>SALINITY:</b> 0 ppt (May rise without	siphon influence).
VI.	WAVE ACTION:	
	(A) (*) wind and/or () bo (B) () light, (*) medium,	
	Comments:	
VII.	TRAFFICABILITY:	
	( ) good, ( ) moderate, (*)	poor, ( ) very poor
	Comments:	
		222

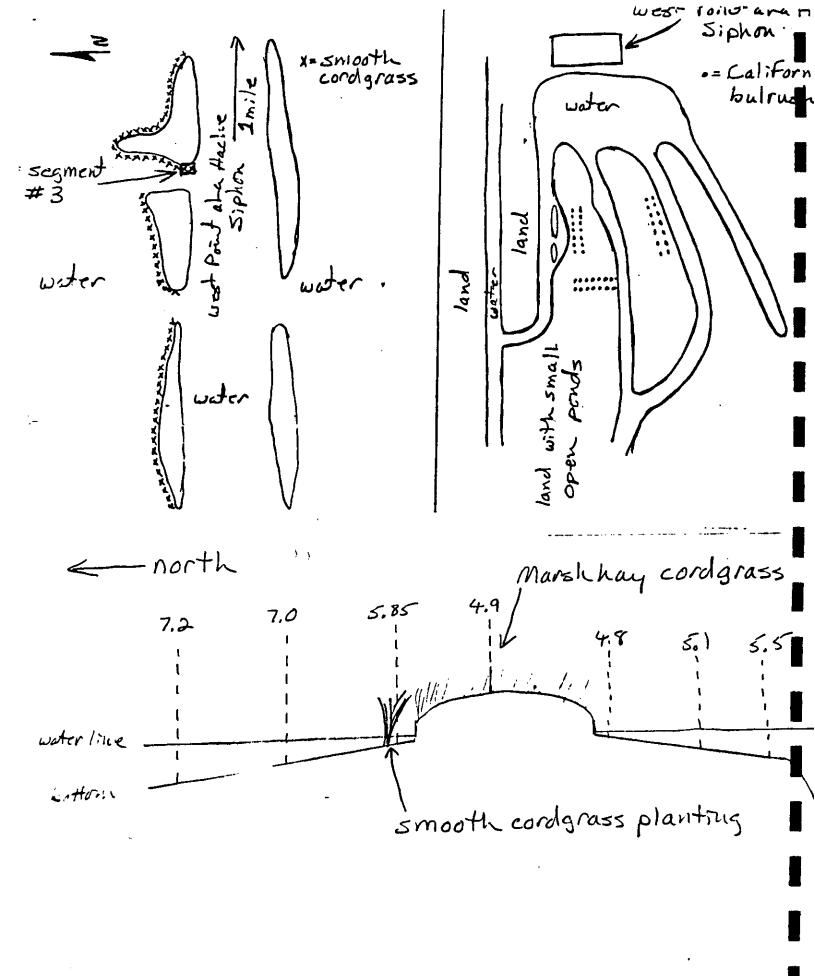


## BEGNENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DATE OF PLANTING: 6/27/94

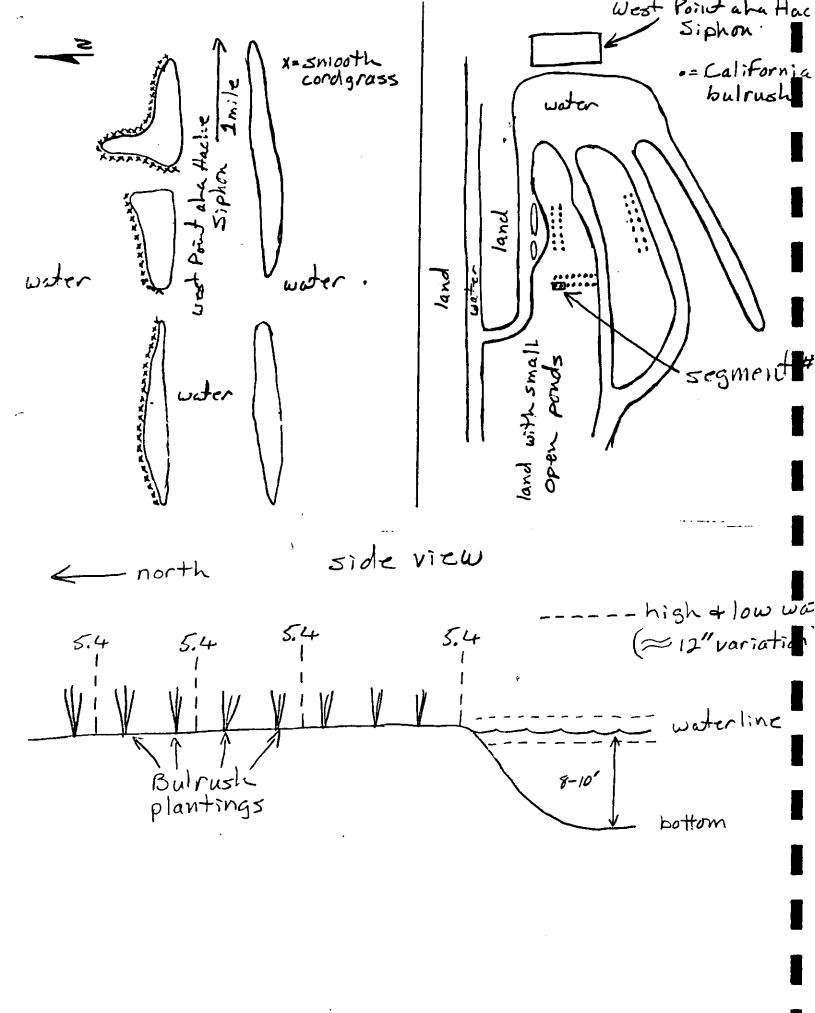
PARIS	H:Plaquemines	DATE OF MONITORING: 3/3	30/94
MONIT	CORS: J. Breaux, D. Williamson	<b>BEGMENT NO:</b> 3	
ı.	BANK CONFIGURATION:	<u>-</u>	
	<ul> <li>(A) Distance of Fetch: 1,320 ft.</li> <li>(B) Direction of Fetch: N</li> <li>(C) Water Depth: 6-12 inches</li> </ul>	<ul><li>(D) Marsh Level: 4.9</li><li>(E) Pond Bottom Elev</li><li>(F) Slope of Bank: 7</li></ul>	
	Comments: Planting done along spoil bank Hache siphon, which is approx.	with influence from West Pol 1 mile to the east.	nt a la
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: E-W</li><li>(B) Spacing in Rows: 5 ft.</li><li>(C) Distance from Bank: 12 inches</li></ul>	(D) Spacing Between (E) Number of Rows: 1	
	Comments: Segment 3, is planted in smooth	cordgrass. Single row along	levee.
	DESCRIBE WAVE STILLING DEVICE OR N (i.e. material used, size, shape, N.E.D.'s - 1 inch chicken wire mesh cages 2 with 3/8 in. bamboo.	etc.) A picture will be	
IV.	SOILS (Type & Texture); Allemands m	ck.	
٧.	<b>SALINITY:</b> 0 ppt ( may rise without sipho	n influence).	
VI.	WAVE ACTION:		
	(A) (*) wind and/or () boat (B) () light, (*) medium, ()	heavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, ( ) moderate, (*) poor	, ( ) very poor	
	Comments:		



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

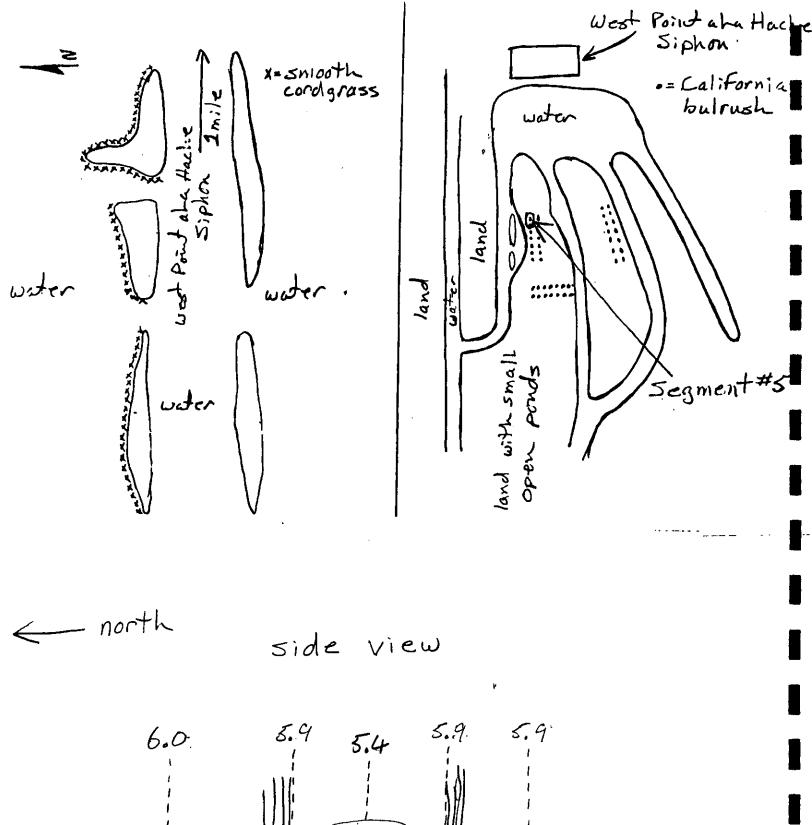
DIST	RICT: Plaquemines	DATE OF PLANTING: 6/28/94
PARIS	SH:Plaquemines	DATE OF MONITORING: 6/28/94
MONIT	rors: J. Breaux, D. Williamson	SEGMENT NO: 4
	i a e	
I.	BANK CONFIGURATION:	_
	<ul> <li>(A) Distance of Fetch: 0</li> <li>(B) Direction of Fetch; NA</li> <li>(C) Water Depth: 0-12 inches</li> </ul>	<ul> <li>(D) Marsh Level: 5.4</li> <li>(E) Pond Bottom Elevation: NA</li> <li>(F) Slope of Bank: 1:0</li> </ul>
II.	direct siphon outfall. (sketch	arying water levels, but away from
	(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 Californ	nia bulrush.
	DESCRIBE WAVE STILLING DEVICE OR NU (i.e. material used, size, shape, e N.E.D.'s - 1 inch chicken wire mesh cages 2 i with 3/8 in. bamboo.	tc.) A picture will be included
IV.	<b>BOILB</b> (Type & Texture); Allemands muc	ck."
٧.	<b>SALINITY:</b> 0 ppt ( may rise without siphon	influence).
WI.	WAVE ACTION:	
	(A) () wind and/or () boat (B) () light, () medium, () h	eavy
	Comments: With siphon operating at full c to a slow to medium current.	apacity, plants will be exposed
VII.	TRAFFICABILITY:	
	(*) good, () moderate, () poor,	( ) very poor
	Comments:	



# SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 14

DISTR	ICT: Plaquemines	DATE OF PLANTING: 6/28/94
PARIS	H:Plaquemines	DATE OF MONITORING: 6/28/94
HONIT	ORS: J. Breaux, D. Williamson	<b>BEGMENT NO:</b> 5
	*·	
I.	BANK CONFIGURATION:	•
	<ul> <li>(A) Distance of Fetch: E-W</li> <li>(B) Direction of Fetch; NA</li> <li>(C) Water Depth: 0-12 inches</li> </ul>	<ul> <li>(D) Marsh Level: 5.4</li> <li>(E) Pond Bottom Elevation: NA</li> <li>(F) Slope of Bank: 1:0</li> </ul>
II.	Comments: Planting done on each side of a shallow mudflat within 1,00 Plants subject to varying war PLANTING ALIGNMENT:	f a 10-12 ft. wide levee built through 00 ft. of West Point a la Hache siphon. ter levels, but away from direct outfall. (sketch on back)
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: 6 in. to</li> </ul>	<pre>(D) Spacing Between Rows: 10 ft.    (E) Number of Rows: 2 1 ft. on each side of levee.</pre>
	Comments: Segment 5 is planted in Cali	fornia bulrush.
•	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape N.E.D.'s - 1 inch chicken wire mesh cages with 3/8 in. bamboo.	, etc.) A picture will be included
IA.	SOILS (Type & Texture); Allemands	muck.
٧.	<b>SALINITY:</b> 0 ppt (may rise without sip	hon influence.
A1.	WAVE ACTION:	
	(A) () wind and/or () boat (B) () light, () medium, (	) heavy
	Comments: Plants will be exposed to a at full capacity.	slow to medium current when siphon runs
WII.	TRAFFICABILITY:	
	(*) good, () moderate, () po	or, ( ) very poor
	Comments:	



Bulrus! planting

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #14

DATE OF PLANTING: 6/28/94

PARIS	SH:Plaquemines	ATE OF MONITORING: 6/28/94
MONIT	TORS: J. Breaux, D. Williamson	EGMENT NO: 6
	# *	,
ı.	BANK CONFIGURATION:	
	<ul> <li>(A) Distance of Fetch: 0</li> <li>(B) Direction of Fetch; NA</li> <li>(C) Water Depth: 0-12 inches</li> </ul>	<ul> <li>(D) Marsh Level: 5.4</li> <li>(E) Pond Bottom Elevation: NA</li> <li>(F) Slope of Bank: 1:0</li> </ul>
II.	Comments: Planting done on exposed mudflat was a la Hache siphon. Subject to vary direct siphon outfall. (sketch on because of the planting alignment:	ing water levels, but away from
		(D) Spacing Between Rows: 8 ft. (E) Number of Rows: 2 feet from edge of channel)
	Comments: Segment 6 is planted in California	bulrush.
III.	DESCRIBE WAVE STILLING DEVICE OR NUTR (i.e. material used, size, shape, etc N.E.D.'s - 1 inch chicken wire mesh cages 2 ft. with 3/8 in. bamboo.	.) A picture will be included
IV.	SOILS (Type & Texture); Allemands muck.	
٧.	<b>SALINITY:</b> 0 ppt ( may rise without siphon in	afluence).
AI.	WAVE ACTION:	
	(A) () wind and/or () boat (B) () light, () medium, () hea	vy
	Comments: With siphon operating at full capacito a sloww to medium current.	eity, plants will be exposed
VII.	TRAFFICABILITY:	
	(*) good, ( ) moderate, ( ) poor,	( ) very poor
	Comments:	

West Foint who Hage x=sniooth condigrass ·= California bulrush water land land land with small open ponds Segment#6 side view high +law water (≈12"variation) water line 8-10 botton Bulrush

TASK # 14 (W. Point ala Hache) SEGMENT# 1		
DISTRICT Plaquemines SWCD	DATE OF PLANTING	6/28/94
PARISH Plaquemines	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/J. (NOTE-INCLUME A COPY OF ALL YOUR NOTES AND CALCULAT		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	non name)	Spartina alterniflora
A. How many plants where originally plants where originally plants where originally plants		400
sample segment?		20
C. How many plants are living in this san	nple segment?	20
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?  A. Excellent  B. Good  C. Fair  D. Poor		X
<ol><li>Count the total number of stems/shoots for plants found within the sample segment, e</li></ol>		12
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only average lateral segment, total all plants within the	.13/2.6.5 inches

was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	χ
C. Discase	
a) High	
b) Medium	
c) Low	
d) None	<u> </u>
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.

TASK # 14 (W. Point ala Hache) SEGMENT# 2		
pistrict Plaquemines SWCD	DATE OF PLANTING 6/2	28/94
PARISH Plaquemines	MONITORING DATE 8/8	
INFORMATION PREPARED BY J. Breaux/	J. Boatman	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con		tina alterniflora oth cordgrass
A. How many plants where originally p  B. How many plants where originally p	lanced in this task?	400 tg
sample segment?		20
C. How many plants are living in this se	imple segment?	19
PLANT PRODUCTIVITY MEASURE		
<ol> <li>How would you rate overall plant vigor?</li> <li>Excellent</li> </ol>		
B. Good	·	
C. Fair		<u> </u>
D. Poor		<del></del>
<ol><li>Count the total number of stems/shoots is plants found within the sample segment.</li></ol>	<del>-</del>	21
3. To determine lateral spread, working within the sample segment, measure from plant to the farthest living shoot of that pone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living plants.	n the center of the plant. Make only ne average lateral le segment, total all g plants within the	
that segment. Enter the average here	. 16	72. 8 inches

X
<del></del>
<del></del>
Υ
X
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.

TASK # 14 (W. Point ala Hache)		
SEGMENT # 3  DISTRICT Plaquemines SWCD	DATE OF PLANTING6/28/94	
PARISH Plaquemines	MONITORING DATE 8/8/94	_
INFORMATION PREPARED BY J. Breaux (Note: Include a copy of ALL YOUR NOTES AND CALCE	/J. Boatman	-
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	mmon name) Spartina alterni	flor
•	Smooth cordarass	
A. How many plants where originally		
B. How many plants where originally		
sample segment?	20	
C. How many plants are living in this	sample segment? 18	
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	r?	
A. Excellent		
B. Good		
C. Fair	X	
. <b>D. Poor</b>		
2. Count the total number of stems/shoot plants found within the sample segmen	<u> -</u>	
3. To determine lateral spread, working weithin the sample segment, measure frequent to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this same the lateral measurements for all the living plants and divide by the number of lithat segment. Enter the average here	rith only living plants om the center of the splant. Make only nine average lateral ple segment, total all ng plants within the	

. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	
C. Disease	
a) High	
b) Medium	
c) Low	المستحديدين بدعاء التعريب
d) None	<u> </u>
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  $3^{\prime\prime}$  or  $4^{\prime\prime}$  above water. Many plants have produced seed heads.

TASK # 14 (W. Point ala Hache) SEGMENT# 4		
DISTRICT Plaquemines SWCD	DATE OF PLANTING	6/28/94
PARISH Plaquemines	MONTTORING DATE	
INFORMATION PREPARED BY J. Breaux/J (Note - Include a copy of ALL YOUR NOTES AND CALCULAT	. Boatman	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and come	mon name)	Scirpus californicus California bulrush
A. How many plants where originally pla	anted in this task?	120
B. How many plants where originally pla sample segment?		20
C. How many plants are living in this sar	nple segment?	7
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigor?		
A. Excellent		<u> </u>
B. Good		<del></del>
C. Fair		
D. Poor		<del></del>
2. Count the total number of stems/shoots for plants found within the sample segment, a		24
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plone measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	the center of the ant. Make only exerage lateral segment, total all plants within the	
that segment. Enter the average here		<u>14/2 7 inches</u>

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) Noue	X
C. Discase	
a) High	
b) Modium	***
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) specif	у
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 bt 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.

TASK # 14 (W. Point ala Hache)		
SEGMENT# 5  DISTRICT Plaquemines SWCD	DATE OF PLANTING	6/28/94
PARISH Plaquemines	MONITORING DATE	
INFORMATION PREPARED BY J. Breau:	x/J. <u>Roatm</u> an	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and c	ommon name)	<u>Scirpus calif</u> ornicus California bulrush
A. How many plants where originally	planted in this task?	120
B. How many plants where originally		<del></del>
sample segment?	•	20
C. How many plants are living in this	sample segment?	
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigo	n#?	
A. Excellent	nı ı	
B. Good		<del></del>
C. Fair		X
D. Poor	,	
2. Count the total number of stems/shoo plants found within the sample segme	_	0
3. To determine lateral spread, working within the sample segment, measure a plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this say the lateral measurements for all the living plants and the living plants within this say the lateral measurements for all the living plants. Enter the average here	from the center of the at plant. Make only mine average lateral uple segment, total all ving plants within the	0

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Discase	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) spe	cify
the source	
a) High	
b) Medium	<del> </del>
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.

TASK # 14 (W. Point ala Hache)		
SEGMENT# 6 DISTRICT Plaquemines SWCD	DATE OF PLANTING	6/20/04
PARISH Plaquemines	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux	•	8/8/94
(MOLE - PRETTINE V COMA OF WIT ARME HOLES VAN CYTCE		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and co	ommon name)	Scirpus californicus California bulrush
A. How many plants where originally	planted in this task?	120
B. How many plants where originally		<del></del>
sample segment?		20
C. How many plants are living in this	sample segment?	10
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant vigo	r?	
A. Excellent		
B. Good		X
C. Fair		
D. Poor		
2. Count the total number of stems/shoot	s for all the living	
plants found within the sample segmen	nt, enter total number	18
3. To determine lateral spread, working within the sample segment, measure for plant to the farthest living shoot of the one measurement per plant. To determ spread for living plants within this sam the lateral measurements for all the living plants and divide by the number of living plants.	com the center of the training average lateral apple segment, total all ing plants within the	
that segment. Enter the average here		10/2 5 inches
		THE RESIDENCE OF THE PERSON OF

";

1. Was there damage from:	
A. Herbivores	
a) High	X
b) Medium	
c) Low	
d) None	
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) spec	cify
the source	Native vegetation
a) High	X
b) Medium	
c) Low	
d) None	

## 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

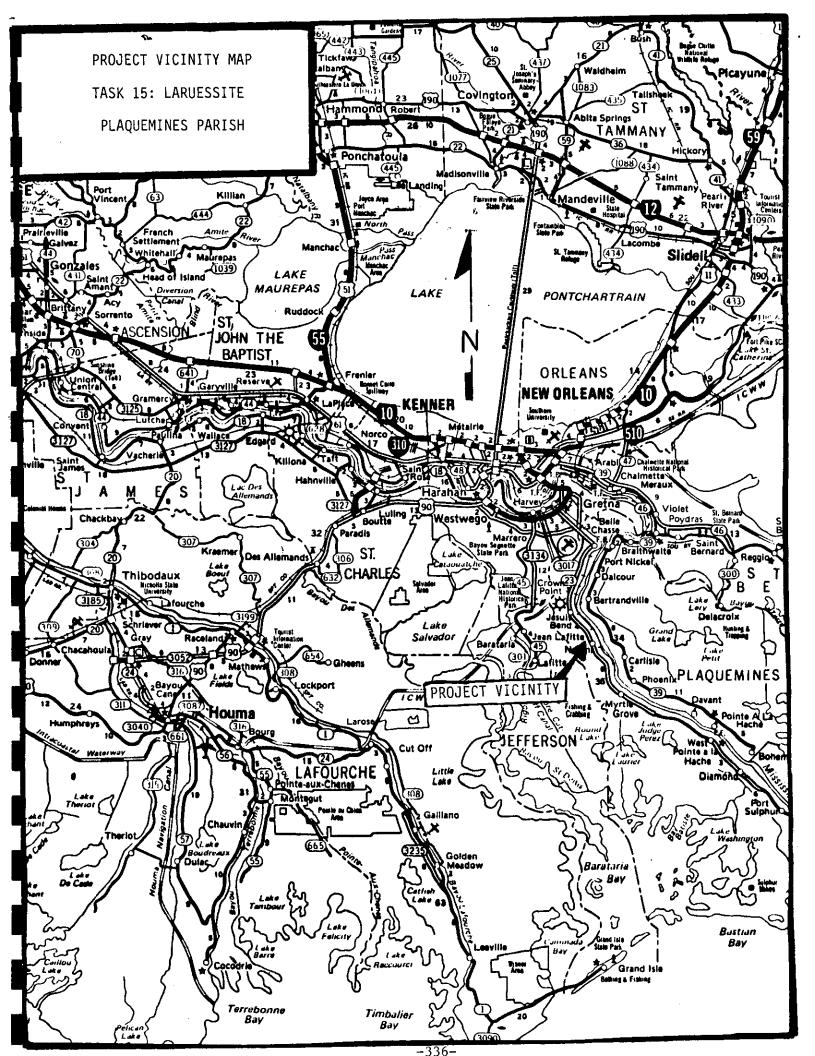
californicus) in several areas within

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

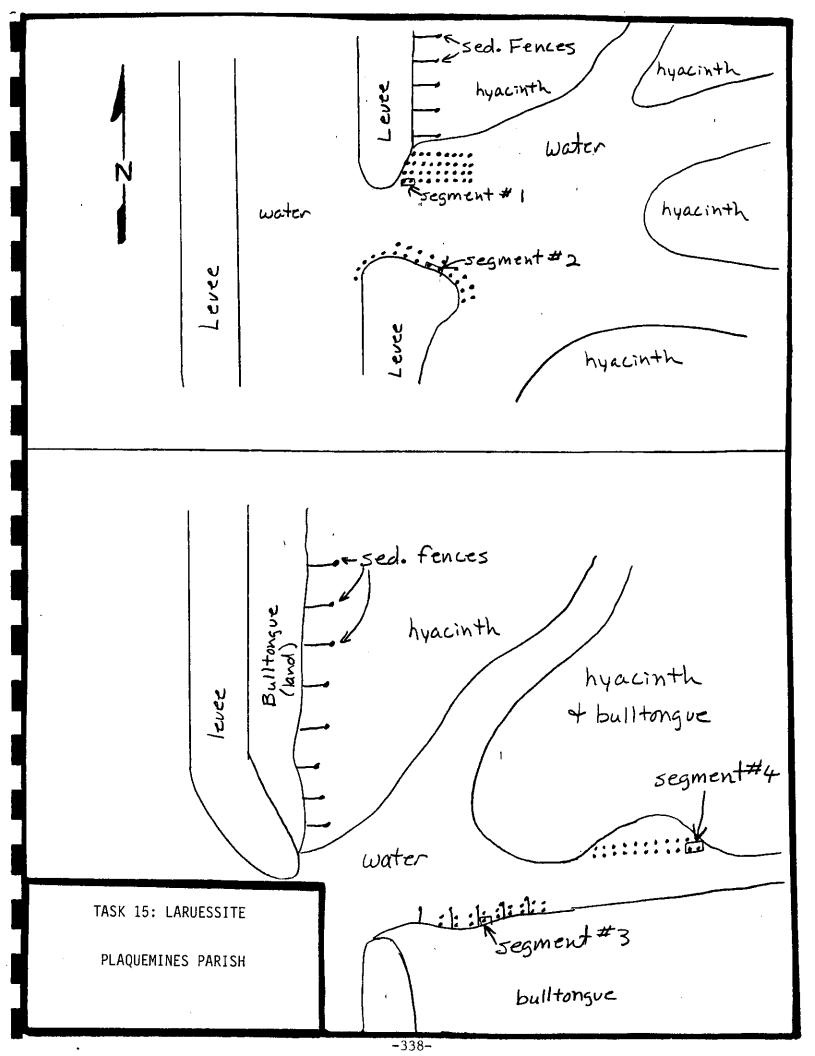
the bank. Proposed project cost is

\$4,579.

SWCD: PLAQUEMINES DISTRICT  PROJECT NAME: LaREUSSITE  SITE EVALUATOR: C. MIDKIFF, J. BOATMAN DATE: 6-4-9				
ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINT
SOILS ELEMENTS:			1	
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	_2
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	_1
REACTION PH	<4.5 - >8.4	-	4.5-8.4	0
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	0
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	0
SULFIDIC	pH <4.5 (JAROSITE,SMELL,	H202) -	pH ≥4.5	0_
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1
ENERGY COMPONENTS:		ţ		
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	2_
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC	0
SHORE LINE FEATURES:	<u>.</u>			
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	0
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	2
(ADD ALL POINTS FROM	A ABOVE)		POINT TOTAL	9
0-6 POINTS - SEE PLE	ANT LIST & PROCEED	WITH CAUTION	t and the same of	







LA-CPA-26 4/84

USDA-SCS Alexandria, LA

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.

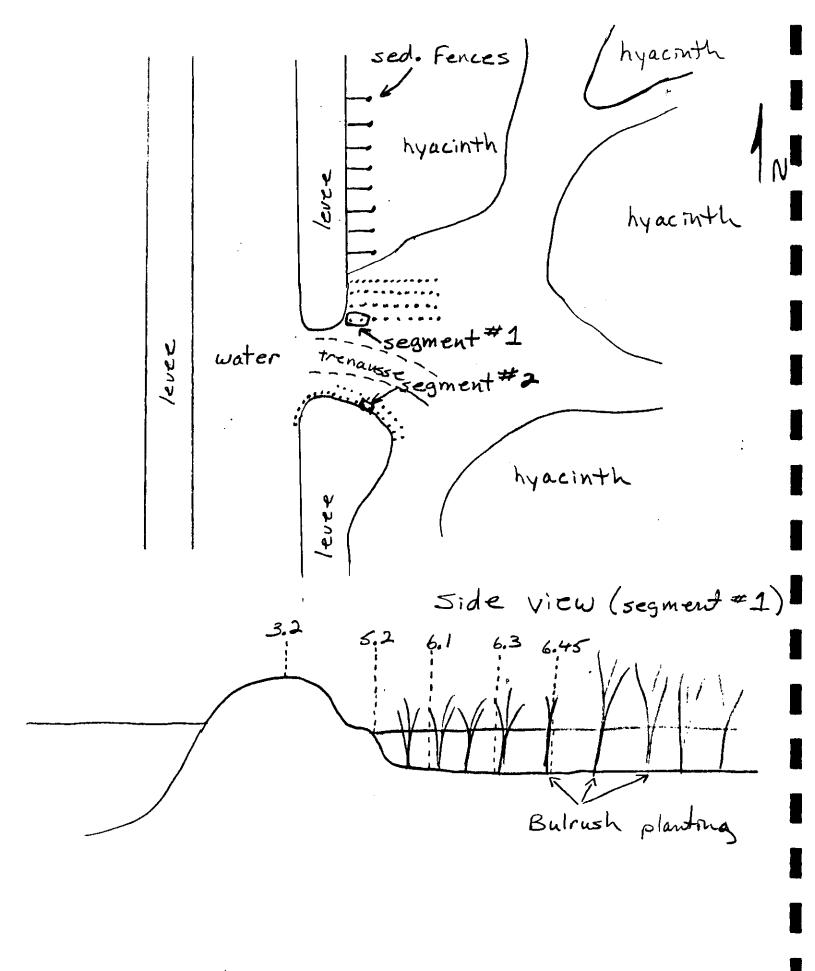
The potential is very poor for all uses other than wildlife and recreation due to wetness, flooding, and low strength.

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #\_15

	, .			
DIST	RICT: Plaquemines	DATE OF PLANTING: 6/30/94		
PARIS	H:Plaquemines	DATE OF MONITORING: 3/30/94		
MONIT	CORS: J. Breaux, D. Williamson	SEGMENT NO: 1		
	g ·	•		
ı.	BANK CONFIGURATION:	•		
	<ul> <li>(A) Distance of Fetch: 200 ft.</li> <li>(B) Direction of Fetch: SE</li> <li>(C) Water Depth: 15 inches</li> </ul>	<ul> <li>(D) Marsh Level: 5.2</li> <li>(E) Pond Bottom Elevation: 8.5</li> <li>(F) Slope of Bank: 16:1</li> </ul>		
II.	Comments: Pond bottom elevation is rod a between segments 1 & 2 (sketch are rod readings.  PLANTING ALIGNMENT:	reading taken at bottom of trenausse n on back). Elevation and level units		
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: Rows begin</li> </ul>	(D) Spacing Between Rows: 5 ft. (E) Number of Rows: 4 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			
IV.	<pre>solls (Type &amp; Texture): Allemands n salinity: 0 ppt</pre>	nuck.		
**	BOLLEGE O PPC	r .		
AI.	WAVE ACTION:			
	(A) (*) wind and/or (*) boat (B) (*) light, () medium, ()	heavy		
	Comments:			
AII.	TRAFFICABILITY:			
	( ) good, (*) moderate, ( ) poo	r, ( ) very poor		

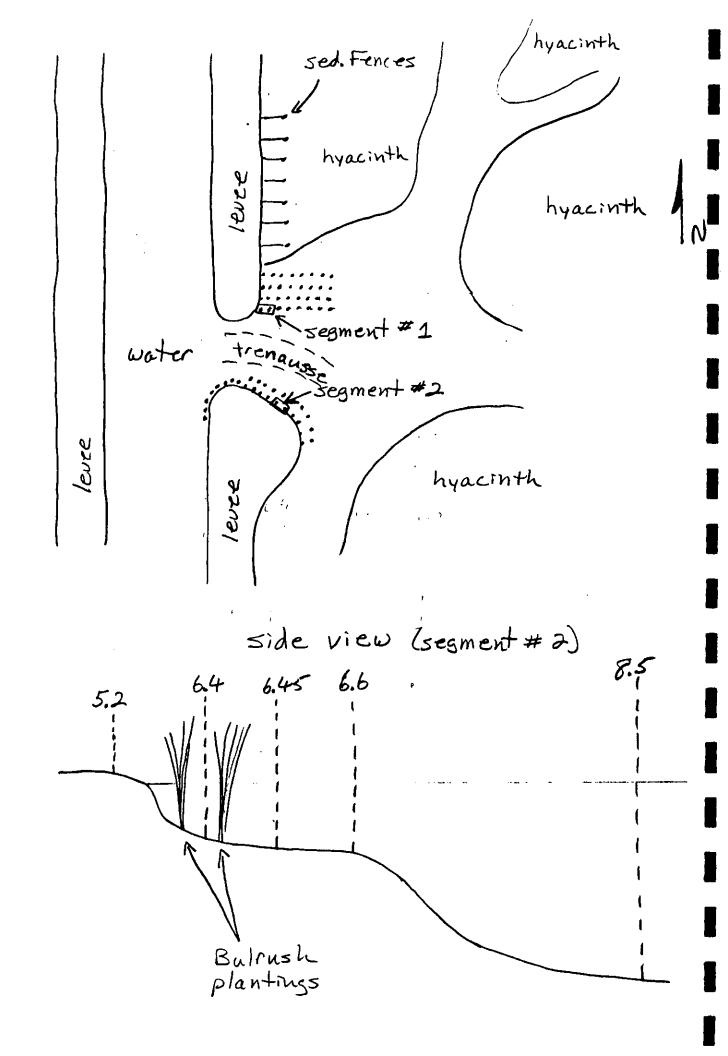
Comments:



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

DISTR	ICT: Plaquemines	DATE OF PLANTING: 6/29/94	
PARIS	RISH: Plaquemines DATE OF MONITORING: 3/3		/94
HONIT	CORS: J. Breaux, D. Williamson	<b>BEGMENT NO:</b> 2	
	A great and a second a second and a second a		
I.	BANK CONFIGURATION:	•	
	<ul> <li>(A) Distance of Fetch: 200 ft.</li> <li>(B) Direction of Fetch; NE</li> <li>(C) Water Depth: 18 inches</li> </ul>	<ul> <li>(D) Marsh Level: 5.2</li> <li>(E) Pond Bottom Elevat.</li> <li>(F) Slope of Bank: 15:1</li> </ul>	ion: 8.5
ıı.	Comments: Pond bottom elevation is rod segments 1 & 2. Elevation and (sketch on back) PLANTING ALIGNMENT:	reading at bottom of trenausse bet d level units are rod readings.	ween
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: 1 ft.</li> </ul>	(D) Spacing Between Rows (E) Number of Rows: 2	<b>8:</b> 5 ft.
	Comments: Segment 2 planted in Califor	nia bulrush. Water level and salini which is approx. 1.75 miles to the	Lty
	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape N.E.D.'s - 1 inch chicken wire mesh cages with 3/8 in. bamboo.	etc.) A picture will be in	ncluded
IA.	SOILS (Type & Texture): Allemands	muck.	
₹.	SALINITY: 0 ppt		
VI.	WAVE ACTION:		
	(A) (*) wind and/or (*) boat (B) (*) light, () medium, ()	heavy	
	Comments:		
VII.	TRAFFICABILITY:		
	( ) good, (*) moderate, ( ) po-	or, ( ) very poor	
	Commonta		



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

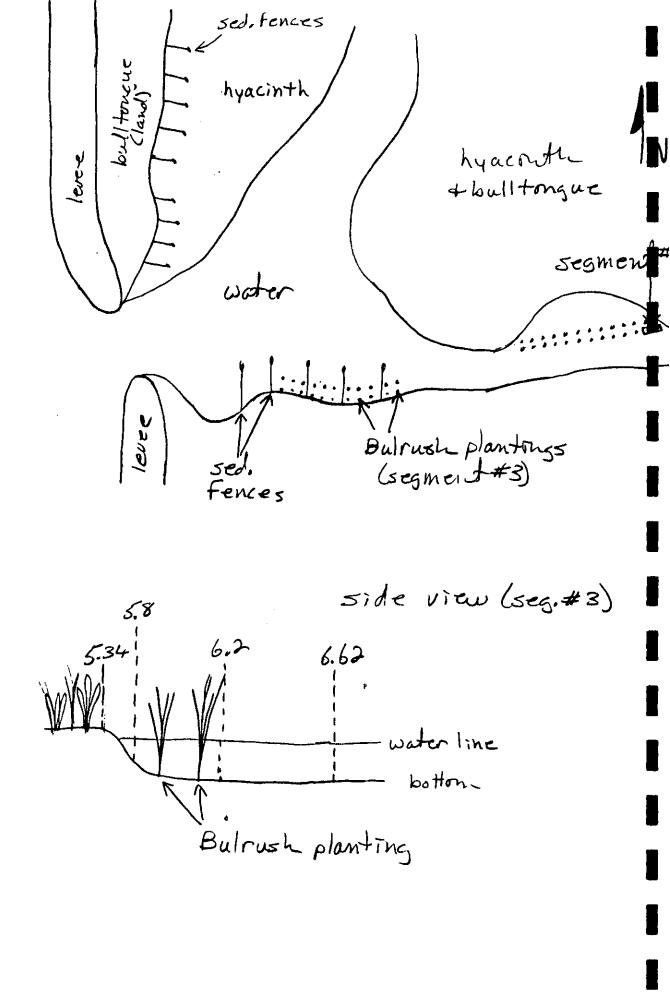
DATE OF PLANTING: 6/29/94

DATE OF MONITORING: 3/30/94

**DISTRICT:** Plaquemines

PARISH: Plaquemines

HONI	TORS: J	. Breaux, D. Williamson	8EGME	NT NO: 3
ı.	BANK	CONFIGURATION:		
	(A) (B) (C)	Distance of Fetch: 300 ft Direction of Fetch: N Water Depth: 15 inches	. (D) (E) (F)	Marsh Level: 5.34 Pond Bottom Elevation: 6.62 Slope of Bank: 1:0
	Comm	ents: Planting done between r Elevation and level uni		
II.	PLAN	TING ALIGNMENT:		
		Direction of Rows: E-W Spacing in Rows: 5 ft. Distance from Bank: 1 ft	(E)	Spacing Between Rows: 5 ft. Number of Rows: 2
III.	DESC (1.e	ents:Segment 3 is planted in influenced by Naomi siph south east.  RIBE WAVE STILLING DEVIC.  material used, size, s s - l inch chicken wire mesh 6 8 in. bamboo.	on, which is app E OR NUTRIA E hape, etc.)	EXCLUSIONS: A picture will be included.
IA.	80IL	S (Type & Texture); Alle	nands muck.	
₹.	BALI	NITY: 0 ppt		
AI.	WAVE	ACTION:		
	(A) (B)	(*) wind and/or (*) b (*) light, () medium,	oat ( ) heavy	
	Comm	ants:		
VII.	TRAF	PICABILITY:		
	()	good, () moderate, (*	) poor, ()	very poor
	Comm	ents:		



## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 15

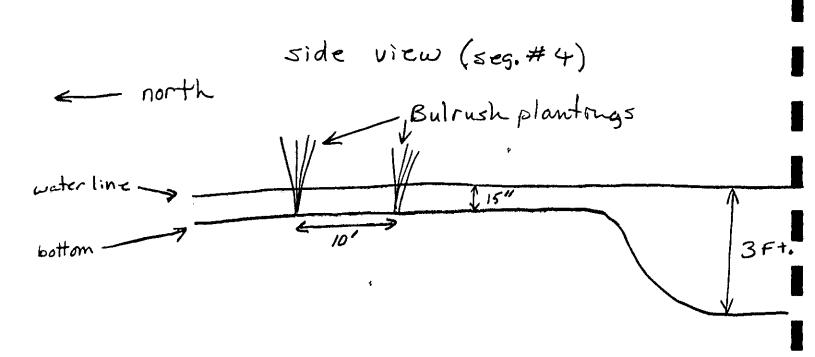
DATE OF PLANTING: 6/30/94

DATE OF MONITORING: 3/30/94

**DISTRICT:** Plaquemines

PARISH: Plaquemines

MONI	TORE: J. Breaux, D. Williamson	SEGMENT NO: 4
	<b>,</b> •	
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
ıı.	the small channel flowing to the east. Eleva	low mudflat 50 ft. north of and parallel to ng from Naomi siphon, which is approx. 3/4 tion and level units are rod readings.
	<ul> <li>(A) Direction of Rows: E-W</li> <li>(B) Spacing in Rows: 5 ft.</li> <li>(C) Distance from Bank: 10 ft</li> </ul>	(D) Spacing Between Rows: 10 ft. (E) Number of Rows: 2 . monitoring segment is 12 ft. from nearest bank.
	Comments: Segment 4 is planted in	California bulrush.
III.		E OR NUTRIA EXCLUSIONS: hape, etc.) A picture will be included. cages 2 ft. high x 10 in. dia. anchored
IV.	SOILS (Type & Texture); Alle	mands muck.
₹.	SALINITY: 0 ppt	
WI.	WAVE ACTION:	
	<pre>(A) (*) wind and/or `(*) k (B) (*) light, () medium,</pre>	
	Comments:	•
VII.	TRAFFICABILITY:	
	( ) good, (*) moderate, (	) poor, ( ) very poor
	Comments:	
		<b>–343–</b>



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. Breaux, (NOTE - INCLUMA CONT OF ALL YOUR NOTES AND CALCULA	/J. Boatman
PLANT SURVIVAL INFORMATION	
1. Species Planted (scientific name and com	mon name) <u>Scirpús cali</u> forni <u>California bu</u> lrus
A. How many plants where originally pl B. How many plants where originally pl	lanted in this task? 250
sample segment?  C. How many plants are living in this sa	mple 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 sterns/shoots f plants found within the sample segment,	
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	n the center of the lant. Make only ne average lateral e segment, total all glants within the

# Nuisance Damage

1. Was there damage from:	
A. Herbivores	
a) High	<del></del>
b) Medium	<del></del>
c) Low	<del></del>
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	Floating plants
a) High	X
b) Medium	<del></del>
c) Low	
d) None	

## 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.

TASK # 15 (LaRuessite)		
SEGMENT # 2		·
DISTRICT Plaquemines SWCD	DATE OF PLANTING	
PARISH Plaquemines	MONITORING DATE	8/8/94
INFORMATION PREPARED BY <u>J. Breaux/</u> (Note - Include a copy of all your notes and calcula		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and com	mon name)	Scirpus californicus California bulrush
A. How many plants where originally pl	anted in this task?	250
B. How many plants where originally pl		
sample segment?		20
C. How many plants are living in this sa	mple 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	or all the living	
plants found within the sample segment,		18
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that p one measurement per plant. To determin spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living	n the center of the lant. Make only the average lateral e segment, total all plants within the	
that segment. Enter the average here		<u>15/2 7.5 i</u> nches

#### **NUISANCE DAMAGE**

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	X
c) Low	
d) None	<u> </u>
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	X
C. Disease	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
D. Other (e.g. water debris, foot traffic, floating plants) spe	cify
the source	Floating plants
a) High	X
b) Medium	
c) Low	
d) None	

#### 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.

TASK # 15 (La Ruessite)		
SEGMENT# 3 DISTRICT Plaquemines SWCD	DATE OF PLANTING	6/30/94
PARISH	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux/J. (Note - Include a copy of ALL Your marks and CALCULAT	Boatman	
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and comm	non name)	<u>Scirpus cali</u> fornicus <u>California b</u> ulrush
A. How many plants where originally plants where originally plants where originally plants		250
sample segment?		20
C. How many plants are living in this san	nple segment?	20
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant vigor?  A. Excellent  B. Good  C. Fair  D. Poor		<u> </u>
<ol><li>Count the total number of stems/shoots for plants found within the sample segment, e</li></ol>	_	21
3. To determine lateral spread, working with within the sample segment, measure from plant to the farthest living shoot of that plant one measurement per plant. To determine spread for living plants within this sample the lateral measurements for all the living segment and divide by the number of living that segment. Enter the average here	the center of the ant. Make only average lateral segment, total all plants within the	14/27 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	X
C. Disease	
a) High	
b) Medium	400000000000000000000000000000000000000
c) Low	
d) None	
D. Other (e.g. water debris, foot traffic, floa	ting plants) specify
the source	Floating plants
a) High	
b) Medium	X
c) Low	4144
d) None	

#### 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.

TASK # 15 (La Ruessite)		
SEGMENT# 4		
DISTRICT Plaguemines SWCD	DATE OF PLANTING	6/30/94
PARISH Plaquemines	MONITORING DATE	
INFORMATION PREPARED BY J. Breaux		
(Note - Incarded a copy of all your notice and carrain		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and con	nenos sama)	Sainnia aalifanatan
1. Species Francei (actendite name add con	mant name)	<u>Scirpus californicus</u> <u>California b</u> ulrush
A Ways where subsequently a	Noncod in this tools?	250
A. How many plants where originally p		250
B. How many plants where originally p	HARTEG IN UNIS	30
sample segment?		<u>20</u> 20
C. How many plants are living in this st	mubre seftureurs	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		12
hame same were an emilio actions	Dillos total italifor	
3. To determine lateral spread, working wi	th only living plants	
within the sample segment, measure fro		
plant to the farthest living shoot of that		
one measurement per plant. To determi		
spread for living plants within this samp		
the lateral measurements for all the livin		
segment and divide by the number of liv	ing bigura mirnin	0/0 / 5 *
that segment. Enter the average here		<u>9/2 4.5 inch</u> es

#### **NUISANCE DAMAGE**

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	<u> </u>
d) None	<del></del>
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	X
c) Low	-
d) None	

## COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Plants look good, some hyacinths moved into the area, but not enough to harm the plants.  $\hfill \hfill \h$ 

#### 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

)

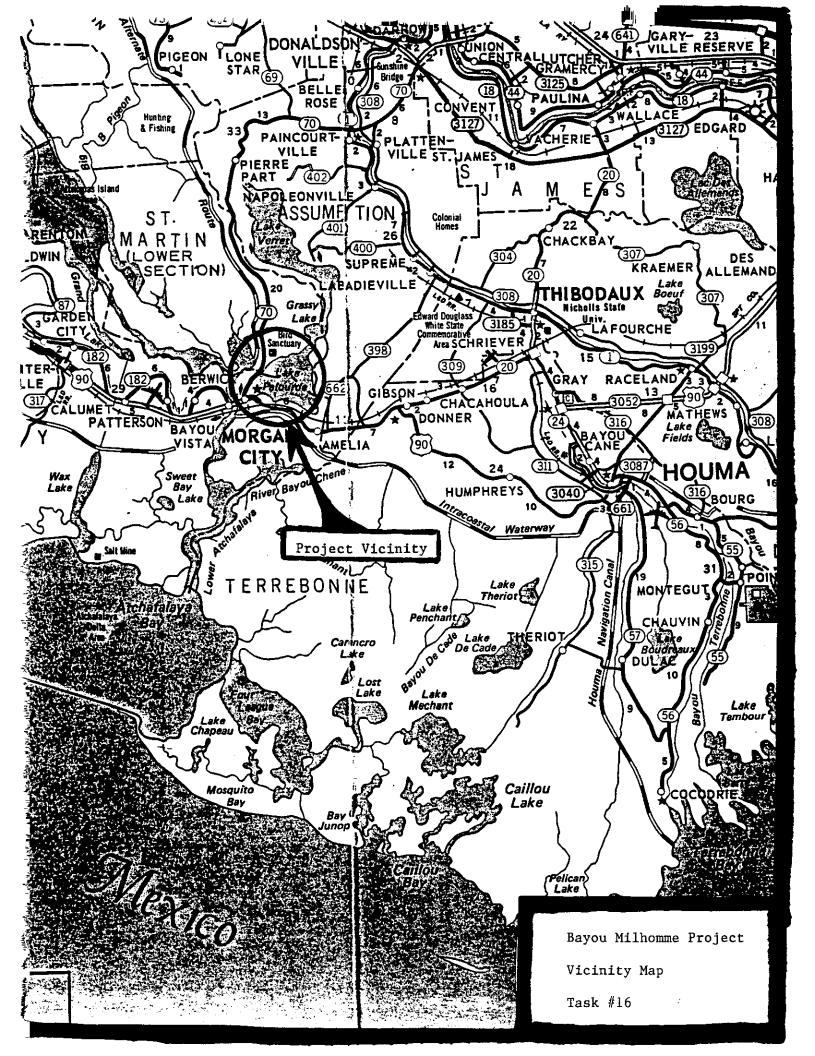
PROJECT LOCATION: Project is located in St. Martin Parish (lower section) between the town of Stephensville and Lake Palourde on Bayou Milhomme in section 17, T15S, R13E.

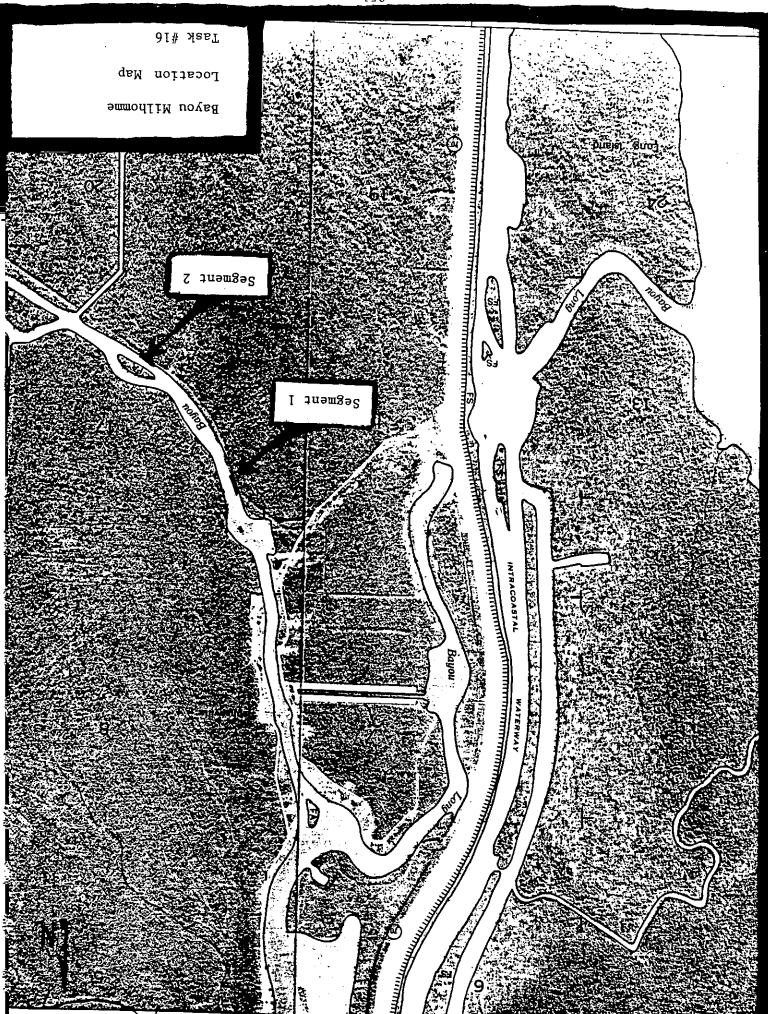
PROJECT OBJECTIVES: To establish California bulrush
(Scirpus californicus) along the protection levee
on Bayou Milhomme to prevent additional erosion.
Heavy boat/ barge activity has caused severe
erosion to levee on a 400' and a 600' section.
The critical area totals 1000'.

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 F 'NTING PROJECT SITE EVALUTION 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)	DOTNEC		
	2 POINTS (POUR)	1 FOINT (FAIR)	U POINT (GOOD)	<u>POINTS</u>		
SOILS ELEMENTS:		•				
N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	_1_		
TEXTURE	SANDS, GRAVELS	PEATS, MUCKS	ALL OTHER	0		
REACTION pH	<4.5 - >8.4	-	4.5-8.4	0		
SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	0		
SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)			
SULFIDIC	pH <4.5 (JAROSITE, SMELL,	- H2O2) -	pH ≥4.5	0		
BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_		
ENERGY COMPONENTS:						
FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE			
WAVE HEIGHT (INCLUDING BOAT WAKE	>1.0 FT	1.0-0.5 FT	<0.5 FT			
WATER VELOCITY	4.0-2.0 FT/SEC	2.0-0.5 FT/SEC	<0.5 FT/SEC			
SHORE LINE FEATURES:						
SLOPE CONFIGURATION	<2:1	2:1 - 5:1	>5:1	_1_		
UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1			
HERBIVORE POP.	HIGH .	MEDIUM	LOW			
WATER DEPTH		1.5 - 0.5 FT		_1_		
(ADD ALL POINTS FROM	1 ABOVE)		POINT TOTAL	6		
0-6 POINTS - SEE PLANT LIST & PROCEED WITH CAUTION						





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 bery poor because of wetness and flooding.

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 16

DISTR	ICT: St. Martin SWCD	DATE OF PLANTING: 6/1/94	
PARIS	H: St. Martin (Lower)	DATE OF MONITORING: 6/1/94	
MONIT	org: Rose Shuff Doug Miller	<b>SEGMENT NO:</b> 1	
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 250-300</li><li>(B) Direction of Fetch: SW &amp; NW</li><li>(C) Water Depth: 2 feet</li></ul>	<ul><li>(D) Marsh Level: 8.0'</li><li>(E) Pond Bottom Elevati</li><li>(F) Slope of Bank:6" to</li></ul>	
	Comments: 3' cut bank		
II.	PLANTING ALIGNMENT:		
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 3</li><li>(C) Distance from Bank: 2-4</li></ul>	<ul><li>(D) Spacing Between Rows</li><li>(E) Number of Rows: 2</li></ul>	<b>s:</b> 3
	Comments: Cutgrass planted in segment		
1111.	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape, N/A		ncluded
IV.	<b>SOILS</b> (Type & Texture): Fausse/Ass	xaition	
v.	<b>BALINITY:</b> 0		
VI.	WAVE ACTION:		
	<pre>(A) ( ) wind and/or (x) boat (B) ( ) light, (x) medium, ( )</pre>	heavy	
1	Comments:		
VII.	TRAFFICABILITY:		
1	( %) good, ( ) moderate, ( ) poo	or, ( ) very poor	
I	Comments: Bottom was extra hard		

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task #16

DIBTR	ICT: St. Martin	DATE OF PLANTING: 6/2/94	
PARIS:	H: St. Martin	DATE OF MONITORING: 6/2/94	
MONIT	ORS: Rose Shuff Doug Miller	<b>SEGMENT NO:</b> 2	
ı.	BANK CONFIGURATION:		
	<ul><li>(A) Distance of Fetch: 250-300</li><li>(B) Direction of Fetch: SW &amp; NW</li><li>(C) Water Depth: 2 feet</li></ul>	<ul><li>(D) Marsh Level: 8.0'</li><li>(E) Pond Bottom Elevation:4.0'</li><li>(F) Slope of Bank:6" to 3' with: 10 feet</li></ul>	
	Comments:	10 Teet	
II.	PLANTING ALIGNMENT:		
	<ul> <li>(A) Direction of Rows: N to S</li> <li>(B) Spacing in Rows: 3</li> <li>(C) Distance from Bank: 2-4</li> </ul>	(D) Spacing Between Rows: 3 (E) Number of Rows: 2	
	Comments: Bullwhip planted in segment		
III.	DESCRIBE WAVE STILLING DEVICE OR (i.e. material used, size, shape,	NUTRIA EXCLUSIONS: etc.) A picture will be included	i.
IV.	<b>SOILS (Type &amp; Texture):</b> Fausse		
٧.	<u>salinity</u> : 0		
VI.	WAVE ACTION:		
 	<pre>(A) ( ) wind and/or (x) boat (B) ( ) light, (x) medium, ( )</pre>	heavy	
	Comments:		
VII.	TRAFFICABILITY:		
Ī	(x) good, () moderate, () poo	or, ( ) very poor	
5	Comments: Bottom was very hard		

TASK #16 (Bayou Milhomme)	
SEGMENT # 1	
DISTRICT St. Martin SWCD DATE OF PLANTING	
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
C. Now many plants are name in this sample segment:	
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	26
<b>F</b>	
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	
<u> </u>	
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	4.5"
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	Х
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) sp	pecify
the source	Boat Traffic
a) High	
b) Medium	
c) Low	×
d) None	

#### 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.

TASK # 16 (Bayou Milhomme)	. *	
SEGMENT# 2		
DISTRICT St Martin SWCD	DATE OF PLANTING _	
PARISH Lower St. Martin	MONITORING DATE _	7/7/94
INFORMATION PREPARED BY D. M1. (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CA		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	i common name)	<u>Scirpus calif</u> ornicu Bullwhip
A. How many plants where origina	illy planted in this task?	435
B. How many plants where origina		
sample segment?		20
C. How many plants are living in the	his sample segment?	15
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant v	ignr?	
A. Excellent	1501.	
B. Good		
C. Fair		<del></del>
D. Poor		
D. Poor		X
2. Count the total number of stems/sho		
plants found within the sample segr	ment, enter total number	13
3. To determine lateral spread, workin within the sample segment, measur plant to the farthest living shoot of	e from the center of the	
one measurement per plant. To det spread for living plants within this s	termine average lateral	
the lateral measurements for all the	living plants within the	
segment and divide by the number of	of living plants within	
that segment. Enter the average he	ere .	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	х
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specif	Ęy
the source	Boat Traffic
a) High	
b) Medium	
c) Low	x
d) None	

## 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

3

PROJECT LOCATION: Project is located in section 22, T16S, R1W on Vermilion Corp. in a management unit identified as Southwest Pecan Island.

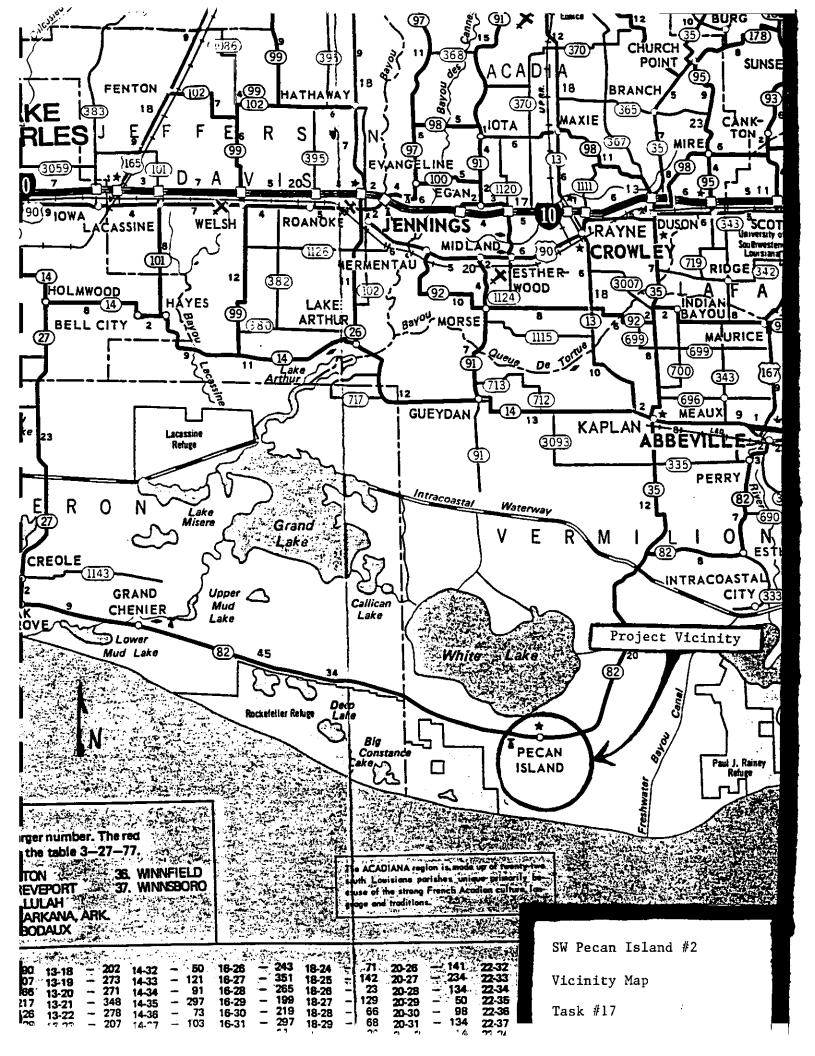
PROJECT OBJECTIVES: To introduce and enhance perennials to this area to increase wildlife food, trap sediments, decrease open water areas by rebuilding the marsh.

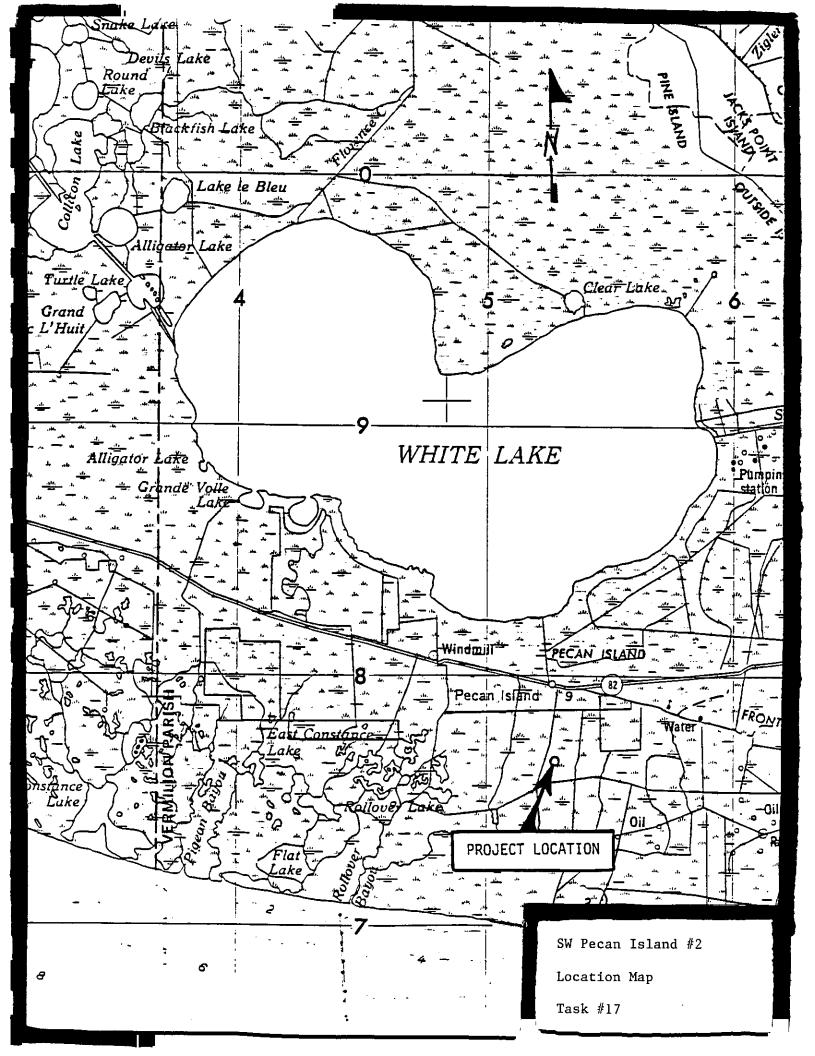
PROJECT FEATURES: The proposed project features will be to plant seashore paspalum plants on mudflats to stabilize these flats with perrenials. The plants will be protected with poultry net fence.

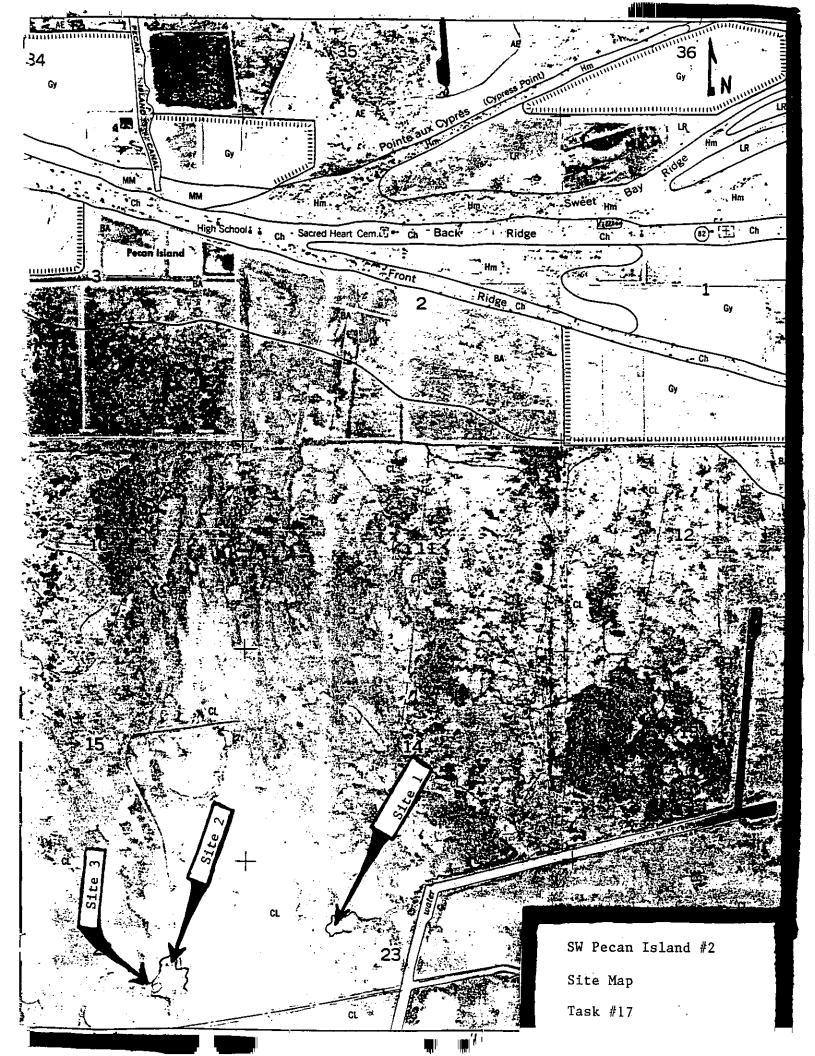
# COS SE VEGETATION PERMITTING PROJECT SITE PROJECTION WORKSHEET

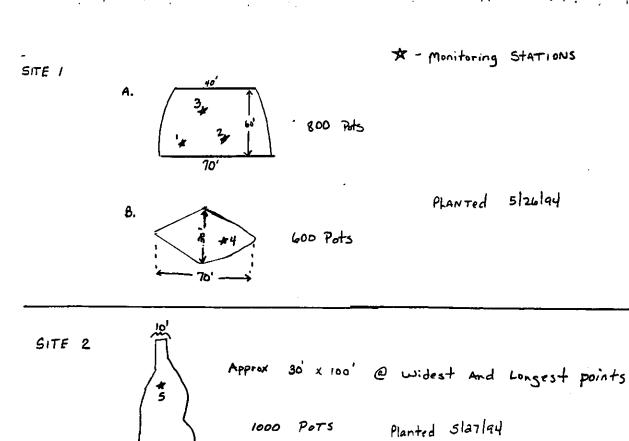
· . ·	SWCD: VERMILION DISTR PROJECT NAME: SOUTHWE SITE EVALUATOR; C. MI	ST PECAN ISLAND	J. EDWARDS	DATE:_	5 <b>-</b> 27-93
	ELEMENT RATING	2 POINTS (POOR)	1 POINT (FAIR)	O POINT (GOOD)	POINTS
	SOILS ELEMENTS:		•		
***************************************	N-VALUE	>1.0 (VERY FLUID)	0.7-1.0 (SLIGHTLY FLUID)	<0.7 (FIRM)	_1_
	TEXTURE	Sands, Gravels	PEATS, MUCKS	ALL OTHER	0
	REACTION pH	<4.5 - >8.4	-	4.5-8.4	0
	SALINITY	EC >16 (pH>8.4) SALINE VEG.	EC 4-16 (pH<8.4) BRACKISH VEG	EC <4 (pH<8.4) FRESH VEG	
	SAR (SODIUM)	>13 (pH >8.4)	8-13 (pH<8.4)	<8 (pH<8.4)	_1_
	SULFIDIC	pH <4.5 (JAROSITE, SMELL,	H202) -	pH ≥4.5	0
	BULK DENSITY	<0.2 g/cc (ORGANIC)	0.2-1.0 g/cc (FLUID MINERAL)	>1.0 g/cc (FIRM)	_1_
	,				
	ENERGY COMPONENTS:				
	FETCH	>0.5 MILE	0.5-0.2 MILE	<0.2 MILE	_1_
	WAVE HEIGHT (INCLUDING BOAT WAKE)	>1.0 FT	1.0-0.5 FT	<0.5 FT	
	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	_ 0_
	UNDERWATER SLOPE	<5:1	5:1 - 15:1	>15:1	0
	HERBIVORE POP.	HIGH	MEDIUM	FOM	_1_
	WATER DEPTH	>1.5 FT	1.5 - 0.5 FT	<0.5 FT	0
	(ADD ALL POINTS FROM	ABOVE)		POINT TOTAL	5

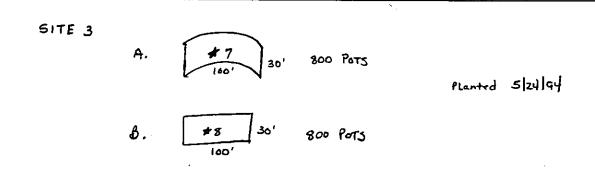
<sup>7-6</sup> POINTS - SEE PLANT LIST & PROCEED WITH CAUTION
5-6 POINTS - FURTHER EVALUATION NEEDED (CONTACT APPROPRIATE SPECALIST











Monitoring Stations

10' Circle around each stake

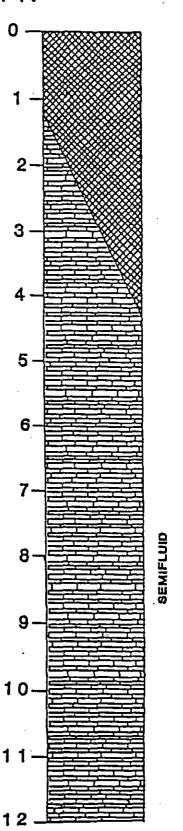
Approx. 35 Plants in EACH CIRCLE

 Each Area was fenced: with 36" Chicken wire. 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.







SANDY

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTR	ICT: VERMILION	DATE OF PLANTING: 5/26/94
<u>PARISI</u>	E: VERMILION	DATE OF MONITORING: 3/15/94
MONITO	ORS: DOUG MILLER DON MENARD WALTER WAINWRIGHT GLEN HEBERT	SEGMENT NO: 1,2,3
ı.	BANK CONFIGURATION:	_
	<ul><li>(A) Distance of Fetch: 1500'</li><li>(B) Direction of Fetch: NE and SE</li><li>(C) Water Depth: 0</li></ul>	• •
	Comments: * Measurements of distant Planting on exposed mudfl	ce are approximate lats during a drawdown period
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: W to E</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank: 50' on short</li></ul>	(E) Number of Rows: N/A
of :	Comments: * Measurements of distant to the irregular shape of the area rows could not be determined. 2' spanned by the stilling device or Million material used, size, shape, or the entire block to be planted will chicken wire. 2x4's will be used and stakes will hold up the rest of	to be planted, the number acing will be used.(2"peat pots)  UTRIA EXCLUSIONS:  etc.) A picture will be included.  l be fenced with 36"  for corner post
IV.	<b>SOILS</b> (Type & Texture): Clovely	/ Muck
٧.	SALINITY: 2 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or () boat (B) (X) light, () medium, () l	heavy
	Comments: Wave action is not a con-	cern since we will be
VII.	TRAFFICABILITY:	
-	() good, (X) moderate, () poor	, ( ) very poor

Comments: Trafficability will improve as long as the

mudflats are exposed

## SEGMENT SPECIFIC INFORMATION

	YEAR & TASK NO.: 1994-	1995 Task # 17
<u>DISTRI</u>	CT: VERMILION	DATE OF PLANTING: 5/26/94
PARISH	g: VERMILION	DATE OF MONITORING: 3/15/94
MONITO	DRS: DOUG MILLER DON MENARD WALTER WAINWRIGHT GLEN HEBERT	SEGMENT NO: 4
ı.	BANK CONFIGURATION:	-
	<ul><li>(A) Distance of Fetch: 1500'</li><li>(B) Direction of Fetch: NE and SE</li><li>(C) Water Depth: 0</li></ul>	
	Comments: * Measurements of distance Planting on exposed mudfle	e are approximate ats during a drawdown period
ıı.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank: 20' on short</li></ul>	(E) Number of Rows: N/A
Due of I	Comments: * Measurements of distance to the irregular shape of the area rows cannot be determined. 2' spacing DESCRIBE WAVE STILLING DEVICE OR NUTTO (i.e. material used, size, shape, et al. The entire block to be planted will chicken wire. 2x4's will be used for and stakes will hold up the rest of	to be planted, the number g will be used. (2" peat pots)  FRIA EXCLUSIONS:  tc.) A picture will be included.  be fenced with 36"  or corner post
IV.	SOILS (Type & Texture): Clovely /	Muck
٧.	SALINITY: 2 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or () boat (B) (X) light, () medium, () h	eavy
	Comments: Wave action is not a conce will be on shore.	rn since the plantings
VII.	TRAFFICABILITY:	

( ) good, (X) moderate, ( ) poor, ( ) very poor

Comments: Trafficability will improve as long as the mudflats are exposed.

## SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

	IDAR & IASK NO 4554	-1773 IASK # 1/
DISTR	ICT: VERMILION	DATE OF PLANTING: 5/27/94
PARIS	H: VERMILION	DATE OF MONITORING: 3/15/94
MONIT	ORS: DOUG MILLER DON MENARD WALTER WAINWRIGHT GLEN HEBERT	SEGMENT NO: 5,6
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 500'</li><li>(B) Direction of Fetch: Northeast</li><li>(C) Water Depth: 0</li></ul>	<ul><li>(D) Marsh Level: 4.5'</li><li>(E) Pond Bottom Elevation: 6.0</li><li>(F) Slope of Bank: 6"cutbank</li></ul>
	Comments: * Measurements of distant Planting on exposed mudfl	ce are approximate ats during a drawdown period
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: SE to NW</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank: 50' on short</li></ul>	(E) Number of Rows: N/A
of	Comments: * Measurements of distance to the irregular shape of the area rows could not be determined. 2' spantage of the state of the s	to be planted, the number acing will be used.(2"peat pots)  ITRIA EXCLUSIONS:  Etc.) A picture will be included.  The be fenced with 36"  For corner post
IV.	SOILS (Type & Texture): Clovely	Muck
<b>v.</b>	SALINITY: 2 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	neavy
	Comments: Wave action is not a conceptanting on shore.	cern since we will be
VII.	TRAFFICABILITY:	
1	( ) good, (X) moderate, ( ) poor	( ) very poor
	Comments: Trafficability will impro	ove as long as the

mudflats are exposed

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DATE OF PLANTING: 5/24/94

**SEGMENT NO: 7** 

DATE OF MONITORING: 3/15/94

**DISTRICT:** VERMILION

MONITORS: DOUG MILLER DON MENARD

PARISH: VERMILION

	WALTER WAINWRIGHT GLEN HEBERT
ı.	BANK CONFIGURATION:
	(A) Distance of Fetch: 1100' (D) Marsh Level: 4.5' (E) 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): Clovely / Muck
٧.	SALINITY: 2 ppt
VI.	WAVE ACTION:
	<pre>(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) heavy</pre>
	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 exposed367-

#### SEGMENT SPECIFIC INFORMATION

YEAR & TASK NO.: 1994-1995 Task # 17

DISTR	ICT: VERMILION	DATE OF PLANTING: 5/24/94
PARIS	H: VERMILION	DATE OF MONITORING: 3/15/94
MONIT	ORS: DOUG MILLER DON MENARD WALTER WAINWRIGHT GLEN HEBERT	SEGMENT NO: 8
ı.	BANK CONFIGURATION:	
	<ul><li>(A) Distance of Fetch: 1100'</li><li>(B) Direction of Fetch: southeast</li><li>(C) Water Depth: 0</li></ul>	<ul><li>(D) Marsh Level: 4.5'</li><li>(E) Pond Bottom Elevation: 6.0'</li><li>(F) Slope of Bank: 6"cutbank</li></ul>
	Comments: * Measurements of distance Planting on exposed mudfl	e are approximate ats during a drawdown period
II.	PLANTING ALIGNMENT:	
	<ul><li>(A) Direction of Rows: N to S</li><li>(B) Spacing in Rows: 2'</li><li>(C) Distance from Bank: 2' on shor</li></ul>	(E) Number of Rows: 15
1111.	Comments: * Measurements of distance 30' x 100' block will be will be used (2" peat DESCRIBE WAVE STILLING DEVICE OR NO (i.e. material used, size, shape, et and stakes will hold up the rest of	pe planted. 2' spacing pots)  TRIA EXCLUSIONS:  etc.) A picture will be included.  be fenced with 36"  for corner post
IV.	<b>SOILS</b> (Type & Texture): Clovely /	Muck
٧.	SALINITY: 2 ppt	
VI.	WAVE ACTION:	
	(A) (X) wind and/or ( ) boat (B) (X) light, ( ) medium, ( ) h	eavy
	Comments:	
VII.	TRAFFICABILITY:	
	() good, (X) moderate, () poor,	( ) very poor
	Comments: Trafficability will impro	ve as long as

the mudflats are exposed.

TASK # 17 (SW Pecan Island #2)	. •	
SEGMENT #1		
DISTRICT Vermilion SWCD	DATE OF PLANTING $\frac{5}{2}$	
PARISH <u>Vermilion</u>	MONITORING DATE 7	/25/94
INFORMATION PREPARED BY <u>D.Mille</u> (Note - Include a copy of all your notes and copy of all your notes are not all your notes and copy of all your notes are not all your notes and copy of all your notes are not all your notes.		
PLANT SURVIVAL INFORMATION		
1. Species Planted (scientific name and	d common name)	<u>Paspalum vagi</u> natum
• ,	•	seashore paspalum
A. How many plants where origina	19 1 1.31 11 . 10	4000 Peat Pots
B. How many plants where origina	<i>7</i> -	
sample segment?	•	35
C. How many plants are living in t	his sample segment?	15
PLANT PRODUCTIVITY MEASURE		
1. How would you rate overall plant v	rigor?	
A. Excellent	(	
B. Good		
C. Fair		<u> </u>
D. Poor		
2. Count the total number of stems/sh	oots for all the living	
plants found within the sample segn	nent, enter total number	N/A
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of one measurement per plant. To determine spread for living plants within this state the lateral measurements for all the segment and divide by the number of that segment. Enter the average he	e from the center of the that plant. Make only termine average lateral sample segment, total all living plants within the of living plants within	D
mur arginent. Enter the average ne	1C .	Runner Length 24"

1 177	
1. Was there damage from:	•
A. Herbivores	_
a) High	
b) Medium	•
c) Low	X
d) None	
B. Insects	
a) High	
b) Medium	
c) Low	
d) None	
C. Disease	
a) High	•
b) Medium	
c) Low	
d) None	x
D. Other (e.g. water debris, foot traf	fic, floating plants) specify
the source	Water Level/Plant Competition
a) High	
b) Medium	
c) Low	
d) None	
•	<del></del>

## 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.

TASK #17(S	W <u>Pecan Isl</u> and #2)		
SEGMENT#			F/26/04
	Vermilion SWCD	DATE OF PLANTING	
	Vermilion	MONITORING DATE	7/25/94
	TION PREPARED BY D.Millude a copy of all your notes and		
PLANT SURVIVAL	. INFORMATION		-
1. Species	Planted (scientific name as	nd common name)	Paspalum vaginatum
•	<b>,</b>	,	seashore paspalum
A. Ho	w many plants where origin	nally planted in this task?	4000 Peat Pots
	w many plants where origin	<del></del>	
	nple segment?		35
C. Ho	w many plants are living in	this sample segment?	14
PLANT PRODUCTI	VITY MEASURE		
1. How w	ould you rate overall plant	vigor?	
A. Ex	cellent	(	
B. Go	od		
C. Fai	<b>r</b> )		х .
D. Po	or		
2. Count t	the total number of stems/s	hoots for all the living	
plants i	found within the sample seg	gment, enter total number	N/A
within plant to	ermine lateral spread, working the sample segment, measure the farthest living shoot or	re from the center of the fthat plant. Make only	
	asurement per plant. To de for living plants within this		
-	ral measurements for all the	•	
	nt and divide by the number		
	ment. Enter the average h		Runner Length 22"

1. Was there damage from:	
A. Herbivores	_
a) High	
b) Medium	
c) Low	X
d) None	
B. Insects	=
a) High	
b) Medium	_
c) Low	All handley and the second property of the se
d) None	x
C. Disease	
a) High	
b) Medium	
c) Low	
d) None	X
D. Other (e.g. water debris, foot traff	ic, floating plants) specify
the source	Water level/Plant compeni
a) High	<u> </u>
b) Medium	
c) Low	
d) None	

## 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.

DATE OF DI ANIMAIC	5/26/94
MONTTOPING DATE	7/25/94
Wainwright	
	-
mon name)	<u>Paspalum vagi</u> natum Seashore paspalum
	4000 Pear pots
mple segment?	35 14
<b>(</b>	<u></u>
	X
_	N/A
n the center of the lant. Make only the average lateral e segment, total all plants within the	Runner Length23"
	DATE OF PLANTING MONITORING DATE Wainwright mons with this form)  mon name)  anted in this task? anted in this mple segment?  or all the living enter total number the only living plants in the center of the clant. Make only he average lateral e segment, total all grants within the mg plants within

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	
c) Low	x
d) None	<del></del>
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 tr	
the source	Waterleve 1/Plant competition
a) High	<u> </u>
b) Medium	
c) Low	
d) None	

## 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 fimishes its cycle.

Nutria excluder pens were still holding up, although some nutria have been getting in. The Walter's millet showed some nutria damage.

TASK # 17 (SW Pecan Island #2)	. •	
SEGMENT#4		
DISTRICT <u>Vermilion</u> SWCD	DATE OF PLANTING 5/26/94	
PARISHVermilion	MONITORING DATE 7/25/94	نا پیرس مادا
INFORMATION PREPARED BY D.MIL. (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND		
PLANT SURVIVAL INFORMATION	•	
1. Species Planted (scientific name ar	nd common name) <u>Paspalum vagi</u> na Seashore paspal	
A. How many plants where origin	paily planted in this task? 4000 Peat Pots	
B. How many plants where origin		
sample segment?	35	
C. How many plants are living in	this sample segment? 0	
PLANT PRODUCTIVITY MEASURE  1. How would you rate overall plant A. Excellent B. Good C. Fair D. Poor		
2. Count the total number of stems/si plants found within the sample seg		
3. To determine lateral spread, working within the sample segment, measurement to the farthest living shoot of one measurement per plant. To do spread for living plants within this the lateral measurements for all the segment and divide by the number that segment. Enter the average h	re from the center of the f that plant. Make only etermine average lateral sample segment, total all e living plants within the of living plants within	

Was there damage from:     A. Herbivores	
a) High	•
b) Medium	
c) Low	
d) None	
B. Insects	_
a) High	
b) Medium	<del></del>
c) Low	
d) None	х
C. Disease	•
a) High	•
b) Medium	
c) Low	
d) None	<u> </u>
D. Other (e.g. water debris, foot traffic, floating plants) specify	
	level/Plant Competition
a) High	X
b) Medium	<u> </u>
c) Low	
d) None	

## 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.

TASK # 17 (SW Pecan Island #2)			
SEGMENT # 5 DISTRICT Vermilion SWCD	DATE OF PLANTING	5/27/94	
PARISH Vermilion	MONITORING DATE	7/05/0/	
INFORMATION PREPARED BY D.Mill		1125/94	
(NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND C			
PLANT SURVIVAL INFORMATION		-	
1. Species Planted (scientific name and	d common name)	<u>Paspalum vagi</u> r seashore paspa	
A. How many plants where origina	ally planted in this task?	4000 Peat Pots	5
B. How many plants where origina	· ·		
sample segment?	• •	35	
C. How many plants are living in t	his sample segment?	12	
PLANT PRODUCTIVITY MEASURE			
1. How would you rate overall plant v	igor?		
A. Excellent	· ·		
B. Good			
C. Fair		X	
D. Poor			
2. Count the total number of stems/sh	oots for all the living		
plants found within the sample segn	nent, enter total number	N/A	
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of one measurement per plant. To despread for living plants within this state the lateral measurements for all the segment and divide by the number of	e from the center of the that plant. Make only termine average lateral sample segment, total all living plants within the		
that segment. Enter the average he	re	Runner Length	20"

1. Was there damage from:	
A. Herbivores	
a) High	
b) Medium	<del></del>
c) Low	
d) None	X
B. Insects	
a) High	
b) Medium	
c) Low	<del></del>
d) None	X
C. Disease	
a) High	
b) Medium	<del></del>
c) Low	
d) None	x
D. Other (e.g. water debris, foot traffic, floating plants) specify	
the source	
a) High	<u>water level</u> X
b) Medium	A
c) Low	
d) None	

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is covered in 10" of water. Some paspalum is comming 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.

-	17 (SW Pecan Island #2)		
SEGMENT		D	5/27/94
	STRICT Vermilion SWCD	DATE OF PLANTING	
	RISH Vermilion	MONITORING DATE	7/25/94
	FORMATION PREPARED BY D_Mills  JTE - INCLUDE A COPY OF ALL YOUR NOTES AND C		
PLANT SU	RVIVAL INFORMATION		-
1.	Species Planted (scientific name an	d common name)	<u>Paspalum vagi</u> natum seashore paspalum
	A. How many plants where origin	ally planted in this task?	4000 Peat Pots
	B. How many plants where original		
•	sample segment?		35
	C. How many plants are living in	his sample segment?	5
<del></del>	ODUCTIVITY MEASURE		
1.	How would you rate overall plant to	vigor?	
	A. Excellent	•	
	B. Good		
	C. Fair		x
	D. Poor		
2.	Count the total number of stems/sh	oots for all the living	
	plants found within the sample seg	ment, enter total number	N/A
3.	To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of one measurement per plant. To despread for living plants within this the lateral measurements for all the segment and divide by the number	that plant. Make only termine average lateral sample segment, total all living plants within the	
	that segment. Enter the average he	<b>—</b> •	Runner Length 20"

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	•	<del></del>
c) Low	•	
d) None	•	х
D. Other (e.g. water debris,	, foot traffic, floating plants) specify	
the source		water level
a) High	•	х
b) Medium	•	
c) Low	-	
d) None	•	

# 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.

TASK # 17 (SW Pecan Island #2)	. •		
SEGMENT # 7 DISTRICT Vermilion SWCD	DATE OF PLANTING	5/24/94	
DISTRICT <u>Vermilion SWCD</u> PARISH Vermilion	MONITORING DATE		
I AUGII	•	1/25/94	
INFORMATION PREPARED BY D. Miller (NOTE - INCLUDE A COPY OF ALL YOUR NOTES AND CA			
PLANT SURVIVAL INFORMATION		-	
1. Species Planted (scientific name and	common name)	Paspalum vagi	atu
	•	Seashore paspa	
A. How many plants where original	lly planted in this task?	4000 Peat Pots	
B. How many plants where original		<u></u> -	
sample segment?	- J. Farancia	35	
C. How many plants are living in the	is sample segment?	6	
PLANT PRODUCTIVITY MEASURE			
1. How would you rate overall plant vi	gor?		
A. Excellent	ţ		
B. Good		×	
C. Fair			
D. Poor			
2. Count the total number of stems/sho	ous for all the living		
plants found within the sample segn	nent, enter total number	N/A	
3. To determine lateral spread, working within the sample segment, measure plant to the farthest living shoot of to one measurement per plant. To determine spread for living plants within this state the lateral measurements for all the segment and divide by the number of	e from the center of the that plant. Make only emine average lateral ample segment, total all living plants within the		
that segment. Enter the average her		Runner Length	13"

1. Was there damage from:	•
A. Herbivores	•
a) High	
b) Medium	
c) Low	<del></del>
d) None	<u> </u>
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 pl	lants) specify
the source	Water levels/Plantcompetit
a) High	x
b) Medium	
c) Low	
d) None	
-,	<del></del>

## 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.

TASK # 17 (SW Pecan I	<u>s</u> land #2)	. •	
SEGMENT # 8 DISTRICT _Vermilion	SWCD	DATE OF PLANTING	5/24/94
PARISH Vermilion		MONITORING DATE	7/25/94
Information Prepa	RED BY D.Mill		
PLANT SURVIVAL INFORMAT	ION		~
1. Species Planted (so	ientific name ar	nd common name)	Paspalum vaginatum seashore paspalum
A. How many pla	nts where origin	ally planted in this task?	4000 Peat Pots
	nts where origin	ally planted in this	35
		this sample segment?	8
PLANT PRODUCTIVITY MEAS	URE		
1. How would you ra	te overall plant	vigor?	
A. Excellent	•	•	
B. Good			X
C. Fair	<b>)</b>		
D. Poor			
2. Count the total nur	mber of stems/s	hoots for all the living	
plants found within	n the sample seg	gment, enter total number	N/A
within the sample plant to the farthes one measurement spread for living puthe lateral measure	segment, measured living shoot or per plant. To de lants within this ements for all the	ing with only living plants are from the center of the f that plant. Make only etermine average lateral sample segment, total all e living plants within the of living plants within	
that segment. Ent	er the average h	iere	Punner Length 15"

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	<u> </u>	
C. Disease		1
a) High		
b) Medium		18
c) Low	<del></del>	
d) None	x	
D. Other (e.g. water debris, foot traffic, floating plants) specify		
	er level/Plant	compe = t
a) High	X	OULL TO
b) Medium		=
c) Low		•
d) None		
-,		

# COMMENTS OR OBSERVATIONS ON THE SAMPLE SEGMENT

Planting site is in about 6" of water. Walter's millet dominates the site.