

FIELD NOTES - PORTION OF TRACT 2 MEAN HIGH WATER LINE:

Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 267.65 acre tract [called 281.2 acres (called Tract 2)] in the Gilbert Stevenson Survey, Abstract 167, and described in File No. 309245 of the Official Public Records of Orange County, Texas. The boundary of Tract 2 is shown on the map; however, these field notes are describing a portion of the line of mean high water as it traverses Tract 2. Mean high water was determined to be 1.69 feet NAVD88 utilizing data from Beaumont Tide Gauge 514.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +3"14"51" and the combined scale factor is

Commencing at an iron pipe found submerged at the southeast corner of Tract 3 shown on this plat which is out of a called 1678.3 acre tract described in Volume 1473, Page 781 OPROC. Thence S84'58'30"W at 446.64 varas (1240.68 feet) pass a 2" iron rod with cap '5502' set inside a 3" PVC pipe filled with concrete set at the southwest corner of the said Tract 3, also being the southeast corner of a called 73.32 acre tract described in Volume 216, Page 77. Continue same bearing for a total distance of 694.21 varas (1928.38 feet) to a 2" iron rod with cap '5502' set inside a 3" PVC pipe filled with concrete set at the southeast corner of the herein described Tract 2, also being the southwest corner of the said 73.32 acre tract. Thence N04°25'17"W with the west line of the said 73.32 acre tract and the east line of said Tract 2 a distance of 219.04 varas (608.44 feet) to the PLACE OF BEGINNING at a point on the line of mean high water which has a coordinate value of N:10051815.54 U.S. survey feet and E:4287463.09 U.S. survey feet and from which point NGS monument JCAD 16 bears

THENCE with the line of mean high water as it traverses across Tract 2 the following

rses at	nd distances: 3 S54° 12'	35"W	30.54 v.	84.84'
L44			56.10 v.	155.82'
L44			44.91 v.	
L44			99.84 v.	
L44			103.84 v.	
			67.52 v.	
L44			29.84 v.	
L44				
L45			93.79 v.	
L45			60.83 v.	
L45			123.66 v.	
L45			117.69 v.	
L45	4 N36° 37	58"W	43.58 v.	121.06'
L45	5 N01° 15'	13"E	138.50 v.	384.72'
L45	6 NO4° 21'	44"E	215.63 v.	598.97'
L45	7 N10° 56'	55"E	212.70 v.	590.84'
L45	8 N22° 18'	14"W	41.33 v.	114.81'
L45	9 N39° 15'	49"E	23.49 v.	65.25'
L46	0 N68° 02'	19"E	29.58 v.	82.17*
L46	1 N68° 02'	04"E	48.57 v.	134.93'
L46	2 N68° 36°	29"E	80.18 v.	222.72'
L46	3 N86° 45°	17"E	39.20 v.	108.88'
L46	4 N68' 01'	55"E	46.69 v.	129.69'
L46	5 N90° 00'	00"E	36.00 v.	100.01*
L46	6 S69° 47'	50"E	25.57 v.	71.04'
L46	7 S33° 12'	43"E	101.36 v.	281.56'
L46	8 S32° 39'	42"E	107.06 v.	297.39'
L46	2000 001	36"E	85.38 v.	237.17'
L47		47"E	37.00 v.	102.78'
L47		28"E	47.87 v.	132.97'
L47			28.40 v.	78.89'
L47			47.46 v.	131.83'
L47			173.39 v.	481.64'
			19.53 v.	
L47	0			t also being the cost line of said Tana

to the west line of the said 73.32 acre tract, also being the east line of said Tract 2, at a point which has a coordinate value of N:10053045.33 U.S. survey feet and E:428739.3.26 U.S. survey feet and from which NGS Monument JCAD 16 bears S32°16'32"W 7260.75 varas.

FIELD NOTES - NORTHERLY PORTION OF TRACT 3 LINE OF MEAN HIGH WATER:

Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 1678.30 acre tract (called Tract 3) in the Gilbert Stevenson Survey, Abstract 167, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas. These field notes are describing a portion of the line of mean high water, lying north of Meyers Bayou Canal as it traverses the area designated as Tract 3A on this plat. Mean high water was determined to be 1.69 feet NAVD88 utilizing data from Beaumont Tide Gauge 514.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +3"14"51" and the combined scale factor is

Commencing at an iron pipe found submerged at the southeast corner of Tract 3B shown on this plat, also being the southwest corner of a called 90.0 acre tract described in Volume 84, Page 212, and being in the north line of the William Stephenson Survey, Abstract 23. Thence NO4°25'17"W with the east line of the herein described Tract 3 and the west line of the said 90.00 acre tract 1664.81 feet (599.33 varas) to the PLACE OF BEGINNING at a point on the line of mean high water which has a coordinate value of N:10053036.84 U. S. survey feet and E:4289290.21 U. S. survey feet and from which point NGS Monument JCAD 16 bears S36*37*10*W 7644.79

THENCE with the line of mean high water as it traverses across Tract 3 the following

L495	S57° 40' 2	2"W	111.48'	40.13	v.
L494	S58' 44' 3	3"W	41.70	15.01	v.
L493	S29° 44' 5	1"W	90.94'	32.74	v.
L492	S04° 59' 3	60"W	47.82	17.21	v.
L491	S07° 06' 1	1"E	31.20'	11.23	v.
L490	S31° 43' 2'	7"W	139.70	50.29	v.
L489	S27° 14' 2	4"E	86.18'	31.03	v.
L488	S41° 07' 2	4"W	83.35'	30.01	v.
L487	N68° 46' 0)2"W	36.03'	12.97	v.
L486	S38° 40' 5	5"W	197.43'	71.08	v.
L485	S04° 10' 21	1"W	76.29	27.46	٧.
L484	S42° 32' 2	7"W	120.55'	43.40	٧.
L483	S37° 18' 43	3"W	205.31	73.91	v.
L482	S26° 20' 3	8"W	87.14	31.37	v.
L481	S46° 29' 5	8"W	70.53'	25.39	v.
L480	N44° 34' 2	.7"W	154.04	55.45	v.
L479	N78° 21' 4	6"W	90.90'	32.72	٧.
L478	S09° 32' 5	O"W	129.55'	46.64	٧.
L477	S41° 52' 51	1"W	180.46	64.97	v.
L476	N54° 35' 5	6"W	115.04'	41.41	٧.

to its point of termination the east line of a called 73.32 acre tract described in Volume 216, Page 77 OPROC, also being the west line of Tract 3. Said point has a coordinate value of N:10051876.48 U.S. survey feet and E:4288134.91 U.S. survey feet and from which NGS Monument JCAD 16 bears S35°55'57"W 7061.93 varas.

Field notes describing a 0.44 acre tract of land lying above the line of mean high water and located within the described Tract 3 (3A). BEGINNING at a point (end of L550) at mean high water which has a state plane coordinate value of N:10,052,372.04 U. S. survey feet and E:4,288,408.85 U. S. survey feet, from which NGS monument JCAD 16 bears \$35'44'12"W 7264.30 varas. THENCE with the line of mean high water the following courses and distances

AC	E with the line	or mean	nigh water the	Tollowing	courses and
	L541	S71° 35'	08"W	21.10'	7.60 v.
	L542	N60° 54'	18"E	35.64	12.83 v.
	L543	N38° 35'	30*W	39.23	14.12 v.
	L543a	N15° 19'	25"W	43.77	15.76 v.
	L544	N24° 58'	48"W	44.34'	15.96 v.
	L545	N42° 03'	37"E	48.48'	17.45 v.
	L546	N45° 02'	03"E	50.31	18.11 v.
	L546a	N74° 30'	50"E	10.64	3.83 v.
	L547	S57° 50'	06"E	42.57	15.33 v
	L547a	S09° 45'	51"E	28.86'	10.39 v.
	L548	S41° 34'	04"E	48.97'	17.63 v.
	L549	S18° 05'	55"W	98.83'	35.58 v.
	L550	S42° 36'	52"W	22.34	8.04 v

to the PLACE OF BEGINNING containing 0.44 acre of land lying above the line of mean

FIELD NOTES - SOUTHERLY PORTION OF TRACT 3 LINE OF MEAN HIGH WATER: Field notes describing a coastal boundary survey performed on the line of mean high water within a portion of a 1678.30 acre tract (called Tract 3) in the Gilbert Stevenson Survey, Abstract 167, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas. These field notes are describing a portion of the line of mean high water lying south of Meyers Bayou Canal as it traverses the area designated as Tract 3B on this plat. Mean high water was determined to be 1.69 feet NAVD88 utilizing data from Beaumont Tide Gauge 514.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is +3"14"51" and the combined scale factor is

COMMENCING at a 1 1/4" iron pipe found submerged at the southeast corner of Tract 3B shown on this plat, also being in the north line of the William Stephenson Survey, Abstract 23, and being the southwest corner of a called 90.0 acre tract described in Volume 84, Page 212. Said iron pipe has a state plane coordinate value of N:10051376.99 and E: 4289418.55 U. S. survey feet. From this iron pipe NGS Monument JCAD16 bears S39°45'03"W 7203.50 varas.

THENCE S84'58'30"W across said 1678.30 acre tract, with the south line of said Abstract 167 a distance of 79.00 varas (219.44 feet) to the PLACE OF BEGINNING a point in the line of mean high water. Said point has a coordinate value of N:10051357.77 U.S. survey feet and E:4289199.97 U.S. survey feet and from which NGS

monument JCAD16 bears S39"18'05"W 7148.08 varas. THENCE with the line of mean high water as it traverses across Tract 3 the following

courses and		i iligii water us	TE CI GVOI 30.	deroas fract o the for
L538	N60° 06	23"W	28.48'	10.25 v.
L537	S89° 31	19"W	63.52	22.87 v.
L536	S80° 32	' 53"W	116.73	42.02 v.
L535	N10° 46	' 46"W	25.85	9.31 v.
L534	N15° 18	23"E	17.38'	6.26 v.
L533	N85° 17	' 16"E	23.98'	8.63 v.
L532	N04° 08	1 17"W	18.42	6.63 v.
L531	N72° 51	' 02"W	40.36'	14.53 v.
L530	N08° 24	47"E	21.40'	7.70 v.
L529	N44° 11	30"W	41.80'	15.05 v.
L528	N88° 39	' 46"W	65.56	23.60 v.
L527	S55° 40	' 04"W	32.52	11.71 v.
L526	S35° 21	52"W	46.14'	16.61 v.
L525	S30° 33	' 56"W	30.23'	10.88 v.
L524	S19° 58	42"E	29.42'	10.59 v.
L523	N89° 13	' 30"W	28.83'	10.38 v.
L522	N62° 52	.' 26"W	43.25'	15.57 v.
L521	S75° 54	' 16"W	83.03'	29.89 v.
L520	N83° 16	' 10"W	58.87	21.19 v.
L519	N88° 17	' 45"W	38.00'	13.68 v.
L518	N36° 09	36"W	33.19'	11.95 v.
L517	N76° 29	24"W	11.86'	4.27 v.
L516	N55° 38	3' 25"W	79.22'	28.52 v.
L515	N19° 40	46"E	59.10'	21.28 v.
L514	N30° 33	33"E	110.74	39.87 v.
L513	N37° 00	0' 01"E	118.45'	42.64 v.
L512	N61° 49	' 38"E	85.53'	30.79 v.
L511	N39° 49	' 37"E	67.20'	24.19 v.
L510	N36° 01	' 27"E	195.66'	70.44 v.
L509	N37° 10	' 54"E	226.64	81.59 v.
L508	N65° 25	02"W	38.27	13.78 v.
L507	N77° 04	' 02"E	78.46'	28.25 v.
L506	N88° 23	15"E	27.01	9.72 v.
L505	N43° 24	25"E	128.67	46.32 v.
L504	N49° 00	30"E	62.35	22.45 v.
L503	N08° 36	04"W	16.91	6.09 v.
L502	N11* 21'	45"E	55.72'	20.06 v.
L501	N20° 42		34.91	12.57 v.
L500			62.32'	22.44 v.
L499			77.00'	27.72 v.
L498		.' 41"E	47.22	17.00 v.
L497		20"E	47.44	17.08 v.
L496	N37° 29	01"E	2.48'	0.89 v.

to its point of termination on the east line of said Tract 3B, also being the west line of the said 90.0 acres. Said point has a coordinate value of N:10052573.90 U.S. survey feet and E:4289326.00 U.S. survey feet and from this point NGS monument JCAD 16 bears S37*27'20"W 7518.62 varas.

Field notes describing a 0.14 acre tract of land lying above the line of mean high water and located within the described Tract 3 (3B). BEGINNING at a point (end of L539) at mean high water which has a state plane coordinate value of N:10,052124.82 U. S. survey feet and E:4,289,130.29 U. S. survey feet and from which NGS monument JCAD16 bears \$37'47'10"W 7348.45 varas. THENCE with the line of mean high water the following courses and distances:

L539	S43	08'	22"W	95.62'	34.42	٧.
L540	S77	50'	39"W	42.93'	15.46	٧.
L541	N12	45'	36"W	81.48'	29.33	٧.
L542	S89	41	54"E	125.35	45.13	v.

to the PLACE OF BEGINNING containing 0.14 acre of land lying above the line of mean

FIELD NOTES - PORTION OF TRACT 4 LINE OF MEAN HIGHER HIGH WATER:

Field notes describing a coastal boundary survey performed on the line of mean higher high water within a portion of a 256.76 acre tract (called Tract 4) in the William Stephenson Survey, Abstract 23, and described in Volume 1473, Page 781 of the Official Public Records of Orange County, Texas. The boundary of Tract 4 is shown on the map; however, these field notes are describing the line of mean higher high water as it traverses Tract 4.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, Central Zone, U. S. survey feet. NGS Monument JCAD 16 has been utilized. The mapping angle is $+3^{\circ}14'51"$ and the combined scale factor is

1.000009716. BEGINNING at a point on the line of mean higher high water on the left descending bank of Meyer Bayou that has a State Plate Coordinate value of N: 10046783.09 U. S. survey feet and E: 4289749.47 U. S. survey feet from which NGS monument JCAD 16

bears S47°20'08"W 6376.31 varas. THENCE up the left descending bank of Meyer Bayou the following courses and distances:

ne	ieit desce	ending bank c) [meyer Bayou	the following
	LINE	BEARING		DISTANCE	VARAS
	L104	S 41°57'38"	W	134.35	48.37 v.
	L105	S 31°39'42"	W	229.24	82.53 v.
	L106	S 31°49'13"	W	117.28	42.22 v.
	L107	S 44°33'48"	W	74.02	26.65 v.
	L108	S 54°33'10"	W	73.01	26.28 v.
	L109	N 78°20'32"	W	57.54	20.71 v.
	L110	N 12'24'22"	W	97.71	35.18 v.
	L111	N 06°22'31"	E	125.48'	45.17 v.
	L112	N 14°38'14"	E	136.54	49.15 v.
	L113	N 21°07'51"	E	192.68'	69.36 v.
	L114	N 15'43'19"	E	74.24	26.73 v.
	L115	N 21°57'42"	E	184.02"	66.25 v.
	L116	N 15'54'19"	E	30.37	10.93 v.
	L117	N 18'05'35"	E	73.57	26.49 v.
	L118	N 12'26'28"	E	132.13'	47.57 v.
	L119	N 03°31'00"	W	94.08	33.87 v.
	L120	N 24'50'16"	E	48.68'	17.52 v.
	L121	N 68°46'53"	W	37.86	13.63 v.
	L122	N 44°30'45"	W	124.94'	44.98 v.
	L123	N 65°27'27"	W	102.09'	36.75 v.
	L124	N 76°49'25"	W	162.55'	58.52 v.
	L125	N 77°05'03"	W	113.63'	40.91 v.
	L126	N 61°27'24"	W	62.84	22.62 v.
	L127	N 74°05'34"	W	65.51	23.58 v.
	L128	N 68'37'16"	W	99.17	35.70 v.
	L129	N 55°39'40"	W	70.64	25.43 v.
	L130	N 2314'34"	W	66.59'	23.97 v.
	L131	N 17°12'46"	W	109.57	39.45 v.
	L132	N 04°00'49"	W	45.60'	16.42 v.
	L133	N 21'13'04"	W	78.07	28.11 v.
	L134	N 00°33'48"	E	135.81	48.89 v.

Co. Or SS. 136. National LAND OF RICK

Setting Bounces Cole

Setting Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Setting

Settin

L135	N 00°19'14" W	115.31'	41.51 v.
L136	N 07°02'12" E	92.05	33.14 v.
L137	N 13°02'52" E	43.03'	15.49 v.
L138	N 02°06'36" E	169.45	61.00 v.
L139	N 16°24'31" W	122.67	44.16 v.
L140	N 32°05'06" W	130.63	47.03 v.
L141	N 45'35'51" W	129.32	46.56 v.
L142	N 56'48'14" W	140.59	50.61 v.
L143	N 63"15'04" W	186.42'	67.11 v.
L144	N 64°26'35" W	107.46	38.69 v.
L145	N 52'42'12" W	94.36'	33.97 v.
L146	N 3215'07" W	108.63	39.11 v.
L147	N 17"18'06" W	60.26	21.69 v.
L148	N 02°36'10" W	139.39	50.18 v.
L149	N 25°40'26" E	37.64	13.55 v.
L150	N 59°58'01" E	44.76	16.11 v.
L151	N 74°35'31" E	122.80'	44.21 v.
L152	S 70°42'06" E	178.48	64.25 v.
L153	N 71°30'40" E	76.79'	27.64 v.
L154	N 49°16'30" E	52.98'	19.07 v.
L155	N 42"18'29" E	40.14	14.45 v.
L156	N 26'32'19" E	163.34'	58.80 v.
L157	N 45°44'20" E	90.54	32.59 v.
L158	N 19'47'27" E	80.61	29.02 v.
L159	N 03°38'07" W	122.35'	44.05 v.
L160	N 30°07'04" W	120.99	43.56 v.
L161	N 17°56'01" W	285.27	102.70 v.
L162	N 06°29'35" W	56.21'	20.24 v.
L163	N 36'42'31" W	249.03'	89.65 v.
L164	N 35°01'27" W	188.77	67.96 v.
L165	N 39°22'41" W	127.11	45.76 v.
L166	N 14°34'07" W	197.42'	71.07 v.
L167	N 54°47'49" W	114.64'	41.27 v.
L168	N 87°43'44" W	144.07	51.87 v.
L169	S 76°54'22" W	102.52	36.91 v.
L170	N 7014'03" W	19.37	6.97 v.
L171	N 27°43'21" W	54.73'	19.70 v.
L172	N 18'32'06" W	38.32'	13.80 v.

to a point of termination on the north line of said Tract 4 and the north line of the said William Stephenson Survey, also being the south line of the Gilbert Stevenson Survey, Abstract 167. Said point has a State Plane Coordinate value of N:10051227.88 U. S. survey feet and E:4287722.70 U. S. survey feet and from which NGS Monument JCAD 16 bears S36°04'30"W 6785.80 varas.

FIELD NOTES - PORTION OF TRACT 4 BELOW MEAN HIGHER HIGH

These field notes are continuing to describe a portion of Tract 4, line of mean higher high BEGINNING at a point on the common south line of the said Stevenson Survey, A-167, and the north line of the said Stephenson, A-23. Said point has a coordinate value of N:10051357.77 U.S. survey feet and E:4289199.97 U.S. Survey feet and from which point NGS monument JCAD 16 bears \$39°18'05"W 7148.08 varas.

THENCE with the line of mean higher high water as it traverses Tract 4 the following courses

CE with the line distances:	of mean higher high	water as it	traverses Trac
L442	S 00°48'41" E	28.21	10.16 v. 4.42 v.
L441 L440	S 02°51'29" W S 57°01'47" W	13.14' 37.39'	13.46 v.
L439	S 33°27'20" W	14.02	5.05 v.
L438	S 12*52'24" W S 64*30'00" E	24.76° 22.14°	8.91 v. 7.97 v.
L436	S 34'31'38" E	21.71	7.82 v.
L435	S 36°36'42" W	12.78	4.60 v.
L434	S 68*31'11" W N 72*13'17" W	8.55° 27.61°	3.08 v. 9.94 v.
L433	S 03°59'37" E	48.29	17.38 v.
L431	S 19'36'32" W	58.85	21.19 v.
L430	S 32'40'58" E	33.02'	11.89 v.
L429	S 08°24'54" W	39.67	14.28 v.
L428	N 87°35'20" W N 71°41'18" W	16.88'	6.08 v. 4.45 v.
L427 L426	N 71°41'18" W S 28°11'51" W	12.35° 21.04°	7.57 v.
L425	S 41°08'09" E	28.47	10.25 v.
L424	S 21°56'03" E	24.45	8.80 v.
L423	S 29°35'03" W	28.56'	10.28 v.
L422	S 40°42′53" W	46.49'	16.74 v.
L421 L420	N 8912'33" W N 4217'28" W	52.88' 37.55'	19.04 v. 13.52 v.
L419	N 80°16'30" W	34.99	12.60 v.
L418	S 36°09'07" W	58.16'	20.94 v.
L417	S 09'46'14" W	22.85	8.23 v.
L416	N 84°39'50" E	28.28	10.18 v.
L415	S 28°01'16" E	31.08	11.19 v.
L414	S 10°37'45" E	20.22	7.28 v.
L413	S 26°22'13" W	22.38	8.06 v.
L412	S 51*56'26" W	26.20'	9.43 v.
L411	N 83"12'57" W S 10"08'31" W	22.35° 39.16°	8.05 v. 14.10 v.
L410	S 33°23'01" E	35.26	12.69 v.
L408	S 26°37'48" W	34.65	12.47 v.
L407	S 05'47'42" E	34.40'	12.38 v.
L406	S 45°33'23" E	16.97	6.11 v.
L405	S 0410'47" E	37.06'	13.34 v.
L404 L403	S 10°30'45" W S 24°33'45" E	28.04° 28.56°	10.09 v. 10.28 v.
L402	S 06°42'17" W	36.42	13.11 v.
L401	S 85°27'44" W	45.50	16.38 v.
L400	S 20°02'55" E	57.13	20.57 v.
L399	S 72°29'22" E	30.78	11.08 v.
L398	S 05'36'50" W	28.27'	10.18 v. 5.00 v.
L397 L396	S 7912'26" W N 6116'43" W	13.88' 12.28'	4.42 v.
L395	N 35°38'30" W	48.99	17.64 v.
L394	S 60°36'35" W	65.96	23.75 v.
L393	S 77°01'08" W	18.88'	6.80 v.
L392 L391	N 6510'46" W N 3013'09" W	37.14° 27.58°	13.37 v. 9.93 v.
L390	S 23°27'33" W	36.37	13.09 v.
L389	S 3010'36" E	70.98	25.55 v.
L388	S 80°53'39" E	57.31'	20.63 v.
L387	S 23°48'34" E S 82°58'48" E	20.61 [°] 53.84 [°]	7.42 v. 19.38 v.
L385	N 31°39'59" E	35.39	12.74 v.
L384	N 74°03'20" E	16.20'	5.83 v.
L383	S 61°49'53" E	82.95	29.86 v.
L382	S 30°58'37" E S 32°58'48" E	22.45° 26.20°	8.08 v. 9.43 v.
L381 L380	S 32°58'48" E S 02°12'57" E	38.02	13.69 v.
L379	S 69*37'16" E	60.08	21.63 v.
L378	S 38'22'40" E	18.41	6.63 v.
L377	S 20°30'14" E	45.27	16.30 v.
L376 L375	S 18°01'11" W S 20°00'48" E	69.74° 42.55°	25.11 v. 15.32 v.
L374	N 67"15'05" E	23.64	8.51 v.
L373	S 72'58'29" E	12.64	4.55 v.
L372	S 20°21'23" E S 32°32'04" W	61.78' 30.97'	22.24 v. 11.15 v.
L371 L370	S 60°51'11" E	71.66	11.15 v. 25.80 v.
L369	N 88°57'45" E	33.14	11.93 v.
L368 L367	S 07°51'53" E S 23°38'34" E	36.37° 41.32°	13.09 v. 14.88 v.
L366	S 39°42'34" E	33.08	11.91 v.
L365	S 19°58'27" W	28.54	10.27 v.
L364	N 63°49'15" W	53.18'	19.14 v.
L363	S 51°58'04" W S 79°35'24" W	28.26' 49.37'	10.17 v.
L362	S 37°00'00" W	49.37 27.15	9.77 v.

Coastal Boundary Survey of A Portion of Tracts Described in Volume 1473/ Page 781 D.R.O.C.T. and File No. 309245 O.P.R.O.C.T. (Shown hereon as Tract 2, Tract 3A, Tract 3B and Tract 4) Orange County, Texas

G.L.O. Project No. SL20140004

Applicant and Littoral Owner: Edwin Arnaud III P. O. Box 564

Beaumont, Texas 77726

Firm Registration #: 10040800 Shine & Associates, Inc. P.O. Box 305 Silsbee, Texas 77656 409-385-9383

94947

L360	S 69°11'40" W	20.75	7.47 v.	
L359	N 50°11'08" W	16.37	5.89 v.	
L358	N 79°44'29" W N 37°40'10" W	21.51 ['] 29.41 [']	7.74 v. 10.59 v.	
L357	N 80°21'06" W	33.11	11.92 v.	
L355	N 85°09'12" W	12.19'	4.39 v.	
L354 L353	S 47°43'20" W S 15°29'43" W	27.44° 46.96°	9.88 v. 16.91 v.	
L352	S 27"15'51" W	22.35	8.05 v.	
L351	S 7815'08" W	21.17	7.62 v.	
L350 L349	N 69°25'31" W S 80°30'43" W	16.85° 13.59°	6.07 v. 4.89 v.	
L348	S 29°32'34" W	30.01	10.80 v.	
L347	S 33°20'13" W	7.52'	2.71 v. 4.46 v.	
L346 L345	S 83°44'33" W N 52°30'57" W	12.39° 54.29°	19.54 v.	
L344	S 81°51'55" W	47.21	17.00 v.	
L343	S 22°37'14" W S 65°59'52" W	29.42' 15.83'	10.59 v. 5.70 v.	
L341	N 85°46'20" W	31.33	11.28 v.	
L340 L339	N 74°33'48" W S 07°38'09" W	52.22° 23.01°	18.80 v. 8.28 v.	
L338	S 46'43'28" E	25.85	9.31 v.	
L337	S 47°10'01" W	14.61	5.26 v.	
L336 L335	N 50°09'01" W S 46°50'25" W	17.43' 14.22'	6.27 v. 5.12 v.	
L334	S 15°25'53" E	55.67	20.04 v.	
L333 L332	S 10°15'42" W S 40°49'30" E	23.05° 59.48°	8.30 v. 21.41 v.	
L331 L330	S 80°00'41" E S 53°03'44" E	24.96° 48.01°	8.99 v. 17.28 v.	
L329	S 30'45'19" E	23.80	8.57 v.	
L328 L327	S 05°13'31" W S 21°36'57" W	17.03° 22.07°	6.13 v. 7.95 v.	
L326 L325	S 81°31'23" W N 36°04'31" W	9.23' 17.94'	3.32 v. 6.46 v.	
L324	S 77°24'00" W	23.56	8.48 v.	
L323	N 36°03'18" W S 57°18'19" W	11.00° 45.38°	3.96 v. 16.34 v.	
L321 L320	S 26°25'11" W S 58°35'06" W	42.29' 42.99'	15.22 v. 15.48 v.	
L319 L318	S 17°06'02" E S 09°52'01" E	54.57' 61.72'	19.65 v. 22.22 v.	
L317	S 28'56'20" E	46.62	16.78 v.	
L316 L315	S 1918'44" E S 6111'18" E	62.51° 44.80°	22.50 v. 16.13 v.	
L314	N 65°55'50" E S 62°16'10" E	30.89° 65.61°	11.12 v. 23.62 v.	
L312	S 45'13'48" E S 25'40'21" E	41.55° 64.08°	14.96 v. 23.07 v.	
L310 L309	S 47°50'42" E S 10°32'12" E	82.81° 41.28°	29.81 v. 14.86 v.	
L308	S 35°41′58" E	32.05° 55.83°	11.54 v.	
L307 L306	S 08°50'05" E	70.55	25.40 v.	
L305 L304	S 64°36'34" E S 08°19'21" E	63.69° 35.11°	22.93 v. 12.64 v.	
L303 L302	S 85'28'13" W S 09'52'19" E	48.62° 50.25°	17.50 v. 18.09 v.	
L301	N 04°18'03" E S 84°06'21" E	27.87' 36.23'	10.03 v. 13.04 v.	
L299 L298	N 52°12'55" E S 72°41'35" E	38.98' 23.29'	14.03 v. 8.38 v.	
L297 L296	S 49"19'05" E S 75"30'24" E	29.59' 33.84'	10.65 v. 12.18 v.	
L295	S 44'40'21" E	35.38	12.74 v.	
L294 L293	N 23°25'33" E S 75°50'15" E	50.99' 15.29'	18.36 v. 5.50 v.	
L292 L291	S 56°55'42" E S 58°30'10" E	23.18' 23.49'	8.34 v. 8.46 v.	
L290	S 86'07'17" E	64.31	23.15 v.	
L289 L288	S 46°23'11" E S 57°00'27" E	5.55° 20.18°	2.00 v. 7.26 v.	
L287 L286	S 01°38'36" E S 30°14'31" E	7.18' 27.23'	2.58 v. 9.80 v.	
L285 L284	S 00°39'26" W S 25"18'58" E	61.12' 27.25'	22.00 v. 9.81 v.	
L283 L282	S 24°50'20" W S 23°29'20" E	16.24' 31.72'	5.85 v. 11.42 v.	
L281 L280	S 57°52'15" E S 01°51'07" E	40.93' 48.34'	14.73 v. 17.40 v.	
L279	S 31°52'58" W N 64°46'27" W	21.12'	7.60 v. 10.20 v.	
L278 L277	S 71°31'03" W	28.32' 40.41'	14.55 v.	
L276 L275	S 05°01'03" E S 00°06'02" E	61.11' 34.75'	22.00 v. 12.51 v.	
L274 L273	S 61°30′33" W S 27°21′02" E	32.98' 31.32'	11.87 v. 11.28 v.	
L272 L271	S 48°39'17" E N 70°57'37" E	32.55 [']	11.72 v. 11.43 v.	
L270	S 3916'41" E	23.09	8.31 v.	
L269 L268	S 35°57'49" E S 17°40'52" E	53.19° 26.94°	19.15 v. 9.70 v.	
L267	S 68°39'58" E N 62°19'43" E	29.49' 34.02'	10.62 v. 12.25 v.	
L265	S 68°56'14" E	26.82	9.66 v.	
L264 L263	S 43°56'26" E S 01°29'03" W	31.86' 105.83'	11.47 v. 38.10 v.	
L262	S 62°51'29" E	71.42	25.71 v.	
L261 the souther	S 89°56'39" E ly east line of tr	8.74'	3.15 v. ibed in Volume	1473. Page
411-01	ract described in	Volume I	854, Page 931.	Said term
ne of the t	lue of N: 1004799	6.33 and	E: 4289647.57	

ge 781, also mination this point being a west li NGS monument

73, Page 781 and are above mean higher high water. Remnant #1

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10051045.49 and E:4289554.52 and from this point NGS monument JCAD16 bears S40°39'53"W 7143.96 varas.

THENCE with the line of mean higher high water the following bearings and distances: BEARING BEARING
S 67'57'19" E
S 36'43'29" W
S 35'05'14" E
S 32'59'33" E
S 67'45'13" W
N 60'42'10" W
N 44'06'20" E
N 49'11'07" W
N 29'15'01" E
N 61'04'53" E 8.72 v. 19.27 v 6.87 v. 7.28 v. 10.20 v. 19.08 20.23' 28.33' 22.12' 22.87' 36.69' 7.96 v. 8.23 v. 13.21 v. 31.92' 33.54' 11.49 v. 12.07 v.

to the PLACE OF BEGINNING containing 0.07 acres of land.

Remnant #2

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050918.98 and E:4289890.34 and from this point NGS monument JCAD16 bears S41°37'56W 7189.21 varas.

THENCE with the line of mean higher high water the following bearings and distances: BEARING DISTANCE VARAS LINE S 68°21'35" E S 22°20'57" W 11.22' 33.90' 12.58' 17.44' 24.51' 18.56' 25.17' 15.00' 17.71' 15.10' 45.90' 16.96' 20.87' 22.83' 40.83' 4.53 v. 6.28 v. 8.82 v. N 80°55'29" W S 15°53'07" W S 43°34'24" E 5 17*58'30" 5 34*03'39" 5 32*05'47" 7 78*34'40" N 42*47'01" 6.68 v. 9.06 v. 5.40 v. 6.38 v. 5.44 v. 16.52 v. L18 L19 L20 L21 L22 L23 N 32°22'05" W N 20°39'30" E N 50°22'57" E N 31'13'12" W N 53°39'00" E 6.11 v. 7.51 v.

to the PLACE OF BEGINNING containing 0.08 acres of land.

L24 L25

Remnant #3 BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050687.48 and E:4290020.54 and from this point NGS monument JCAD16 bears S42°21'21"W 7158.63 varas.

14.70 v.

THENCE with the line of mean higher high water the following bearings and distances: LINE BEARING DISTANCE VARAS

18.71'
32.73'
17.04'
28.06'
29.88'
21.36'
20.53' S 56°40'58" E S 06°29'58" W S 27°43'33" W N 85°07'18" W N 10°44'56" W 6.74 v. 11.78 v. 6.13 v. 10.10 v. 10.76 v. 7.69 v. 7.39 v. L31 N 68'36'21'

to the PLACE OF BEGINNING containing 0.05 acres of land.

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050659.73 and E:4289859.10 and from which NGS monument JCAD16 bears S42°05'08"W 7114.60 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE 12.59 v. 12.06 v. L34 L35 L36 L37 L38 L39 L40 L41 32.29' 32.07' 18.04' 34.69' 52.35' 48.04' 60.58' S 42°24'15" S 21°44'03" S 34°35'37" N 58°25'17" 12.49 v. 18.85 v. N 15°58'51" N 57°09'25" 17.29 v. 21.81 v. N 19°24'09" N 58°29'45" 23.93' 18.14' 43.82' 18.79' 8.61 v. 6.53 v. 15.78 v. 6.76 v.

to the PLACE OF BEGINNING containing 0.21 acres of land.

Remnant #5

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050561.93 and E:4289708.94 and from which NGS monument JCAD16 bears S41°55'46"W 7049.85 varas. THENCE with the line of mean higher high water the following bearings and distances:

> LINE BEARING DISTANCE VARAS N 81'56'19" E L46 L47 L48 L49 L50 15.51 v. 5.35 v. S 40°44'10" E S 10°44'33" W 5.11 v. 14.20' 21.32' 35.85' 7.68 v. 12.91 v. N 52°44'27" W

to the PLACE OF BEGINNING containing 0.02 acres of land.

Remnant #6

THENCE with the line of mean higher high water the following bearings and distances:

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050450.26 and E:4289799.55 and from which NGS monument JCAD16 bears S42°20'44"W 7041.93 varas.

> LINE BEARING DISTANCE VARAS 4.10 v. 11.20 v. L51 L52 L53 L54 L55 L56 L56 28'59'25" 12'05'53" 56'33'23" 15.88 v. 5.92 v. 8.12 v. 10.44 v. 15.53 v. 22.55' 29.01' 43.13' 22.38' 22.98' V 66'06'56" N 51°26'04" W N 22°34'13" W N 55°36'38" E N 72°33'26" E

to the PLACE OF BEGINNING containing 0.09 acres of land.

Remnant #7

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050299.90 and E:4289654.45 and from which NGS monument JCAD16 bears S42°19'41"W 6966.73 varas.

THENCE with the line of mean higher high water the following bearings and distances: LINE BEARING DISTANCE VARAS L60 L61 L62 L63 L64 N 79°27'24" E S 36°21'02" E S 60°36'34" E 29.90' 12.76' 19.81' 10.76 v. 4.59 v.

30.66

7.13 v. 5.81 v. 11.04 v. 7.38 v. L65 N 22°35'53" W 20.51 to the PLACE OF BEGINNING containing 0.02 acres of land.

6 76°23′52″ 6 88°51′09″

Remnant. #8

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049746.54 and E:4289808.32 and from which NGS monument JCAD16 bears S43°47'27"W 6859.00 varas.

THENCE with the line of mean higher high water the following bearings and distances:

DISTANCE VARAS LINE BEARING S 14°32'58" E S 46°02'10" W N 76°14'28" W L66 L67 4.31 v. 5.07 v. 13.25 v. 5.66 v. 11.85 v. 10.56 v. L68 L69 L70 L71 L72 L73 L74 14.08 S 64"12'48" S 15"13'59" 36.81' 15.73' 32.93' 29.32' 26.56' 74.02' S 55°08'52" W N 10°42'14" W N 43°20'30" E N 66°38'14" E

to the PLACE OF BEGINNING containing 0.06 acres of land.

Remnant #9

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049184.29 and E:4290015.26 and from which NGS monument JCAD16 bears S45°25'56"W 6767.21 varas.

THENCE with the line of mean higher high water the following bearings and distances: LINE BEARING DISTANCE VARAS S 81'50'55" E S 02'13'20" E S 35'20'00" W S 50'12'54" E S 05'27'53" W S 47'09'43" W N 35'33'11" W N 54'36'57" W N 36'08'45" E N 57'06'54" E 8.70' 24.83' 22.86' 11.02' 27.18' 23.30' 28.19' 32.06' L75 L76 L77 8.94 v.
8.23 v.
3.97 v.
9.78 v.
8.39 v.
10.15 v.
11.54 v.
13.56 v. L77 L78 L79 L80 L81 L82 L83 L84

to the PLACE OF BEGINNING containing 0.08 acres of land.

Remnant #10

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10048875.88 and E:4289924.39 and from which NGS Monument JCAD16 bears S45°54'53"W 6666.23 varas.

THENCE with the line of mean higher high water the following bearings and distances: LINE BEARING DISTANCE VARAS 12.99' 7.71' 31.02' 15.09' 12.36' 21.82' L85 L86 L87 L88 L89 L90 N 75°06'09" E 4.68 v. 2.78 v. 11.17 v. 5.43 v. S 37°52'46" E S 01°09'10" E N 73°51'32" W N 46°45'50" W N 14°50'46" E

to the PLACE OF BEGINNING containing 0.01 acres of land.

Remnant #11

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10048648.03 and E:4289589.22 and from which NGS monument JCAD16 bears S45'41'42"W 6522.54 varas.

THENCE with the line of mean higher high water the following bearings and distances: BEARING DISTANCE VARAS 28.84' 17.12' 31.07' 21.16' 19.65' 13.24' 18.43' 15.24' 21.43' S 76°21'21" E S 15°08'05" W 10.38 v. 6.16 v. 11.19 v. L91 L92 L93 L94 L95 L96 L97 L98 L99 L100 L101 S 150005 W S 37'08'10" W S 45'31'42" W S 67'07'35" W N 60'04'41" V N 07'33'00" 7.62 v. 7.07 v. 4.77 v. 6.63 v. 5.49 v. 7.71 v. 4.96 v. 9.18 v. N 48'03'23" E N 06'48'35" V S 82'36'48" E

to the PLACE OF BEGINNING containing 0.06 acres of land.

Remnant #12

25.49

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049022.24 and E:4289042.76 and from which NGS monument JCAD16 bears S43°37'38"W 6480.07 varas.

THENCE with the line of mean higher high water the following bearings and distances: LINE BEARING DISTANCE VARAS L180 S 59°31'55" E 11.69' 4.21 v. L181 S 17°43'41" E 12.38' 4.46 v. L182 S 40°08'38" W 8.90 v. L183 N 74°20'05" W 5.99 v. L184 N 47°28'35" W 13.73 4.94 v. L185 N 89°57'22" W 13.03 4.69 v.

L187 N 74°34'25" E 23.99' 8.64 v.

to the PLACE OF BEGINNING containing 0.03 acres of land.

L186 N 47°45'34" E

Remnant #13

24.49'

8.82 v.

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049896.75 and E:4289376.83 and from which NGS monument JCAD16 bears S42°31'45"W 6792.18 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE BEARING DISTANCE
L188 S 08'34'44" E 79.00'
L189 N 53'08'12" W 43.04'
L190 N 19'03'29" E 15.85'
L191 N 13'02'43" E 35.81'
L192 N 75"29'33" E 9.70' 15.49 v. 5.71 v. 12.89 v. 3.49 v.

to the PLACE OF BEGINNING containing 0.03 acres of land.

Remnant #14

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10049866.89 and E:4289312.31 and from which NGS monument JCAD16 bears S42°26'44"W 6768.57 varas.

to the PLACE OF BEGINNING containing 0.09 acres of land.

Coastal Boundary Survey of

Co Crange Manne Mo Okkick

A Portion of Tracts Described in Volume 1473/ Page 781 D.R.O.C.T. and File No. 309245 O.P.R.O.C.T. (Shown hereon as Tract 2, Tract 3A, Tract 3B and Tract 4)

Orange County, Texas

G.L.O. Project No. SL20140004

Applicant and Littoral Owner: Edwin Arnaud III P. O. Box 564 Beaumont, Texas 77726 Remnant #15

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050164.40 and E:4289218.40 and from which NGS monument JCAD16 bears S41°37'46"W 6825.47 varas.

THENCE with the line of mean higher high water the following bearings and distances:

L204 L205 L206 L207 14.98 v 7.77 v 12.81 v. 8.88 v. 6.38 v. 41.62' 21.59' 35.57' 24.68' 17.72' 34.78' S 49"15'40" S 71°45'05" S 48°30'47" S 17°52'32" S 57°43'26" S 18°34'55" L208 L209 L210 L211 L212 L213 L214 L215 L216 L217 12.52 v. 7.00 v. 15.84 v. 18.15 v. 9.82 v. 10.22 v. 8.05 v. 15.32 v. 19.08 v. 50.42' 27.27' 28.39' 22.36' 42.56' 53.00' S 29°28'05" S 43°24'47" E S 33°14'04" W N 80°55'02" W N 50°47'58" W N 15°43'18" W 9.09 v. L219 L220 L221 L222 L223 L224 L225 L226 35.70' 20.15' 54.22' 44.41' 22.87' 18.12' 18.21' 14.58' 12.85 v. N 29°33'25" W N 29'33'25' W N 77'39'00" E N 07'36'25" W N 49'07'32" W N 19'47'29" W N 53'24'32" W N 53'16'05" E S 85'28'33" E 7.25 v. 19.52 v. 15.99 v. 8.23 v. 6.52 v.

to the PLACE OF BEGINNING containing 0.32 acres of land.

Remnant #16 BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050388.65 and E:4289076.78 and from which NGS monument JCAD16 bears S40°51'45"W 6852.56 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE BEARING L227S 69*07'17" E L228S 21*32'26" W L229N 81*50'46" W 23.18' 32.84' 18.97' 8.34 v. 11.82 v. 6.83 v. L230N 43'38'43" W L231N 70'39'54" E

to the PLACE OF BEGINNING containing 0.03 acres of land.

Remnant #17

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050437.18 and E:4288838.28 and from which NGS monument JCAD16 bears S40"13'12"W 6810.03 varas.

to the PLACE OF BEGINNING containing 0.02 acres of land.

Remnant #18

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10050669.94 and E:4288958.15 and from which NGS monument JCAD16 bears S40°02'39"W 6901.91 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE BEARING DISTANCE
L238 S 48'01'14" E 35.51'
L239 S 44'00'06" W 19.12'
L240 N 53'49'55" W 43.28'
L241 N 61'16'19" E 24.88' 12.78 v. 6.88 v. 15.58 v.

to the PLACE OF BEGINNING containing 0.02 acres of land.

Remnant #19 BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10051479.36 and E:4290911.51 and from which NGS monument JCAD16 bears S42°41'43"W 7585.53 varas.

THENCE with the line of mean higher high water the following bearings and distances:

LINE BEARING
L242 N 11'43'08" W
L243 N 84'58'30" E
L244 S 25'17'24" W
L245 S 74'01'20" W
L246 S 10"18'38" E
L247 N 86'13'59" W BEARING DISTANCE
N 11'43'08" W 28.99'
N 84'58'30" E 252.45'
S 25'17'24" W 10.61'
S 74'01'20" W 59.18'
S 10'18'38" E 37.80' 10.44 v. 90.88 v. 3.82 v. 191.35 68.89

to the PLACE OF BEGINNING containing 0.21 acres of land.

Remnant #20

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10051487.88 and E:4291153.81 and from which NGS monument JCAD16 bears S43*09'36"W 7647.19 varas.

THENCE with the line of mean higher high water the following bearings and distances: LAS BEARING DISTANCE VARAS
L248 N 48'34'03" E 69.97' 25.19 v.
L249 N 84'58'30" E 84.03' 30.25 v.
L250 S 51'43'30" E 13.66' 4.92 v.
L251 S 06'15'45" W 58.25' 20.97 v.

S 87°53'50" W 91.63' N 71°50'14" W 51.53' 32.99 v

to the PLACE OF BEGINNING containing 0.17 acres of land.

Remnant #21

BEGINNING at a point on the shoreline that has a State Plane Coordinate value of N:10051500.35 and E:4291394.10 and from which NGS monument JCAD16 bears S43°36'22"W 7709.87 varas.

THENCE with the line of mean higher high water the following bearings and distances: 10.48

BEARING N 32'07'04" E N 40'46'53" E N 84'58'30" E S 15'15'48" E S 62'03'57" W N 58'06'05" W S 88'16'57" W LINE L254 L255 L256 L257 L258 225.73° 47.04° 81.26 v. 16.93 v. 113.94° 55.40° 41.02 v 19.94 v. 45.01 v. L259 L260 to the PLACE OF BEGINNING containing 0.37 acres of land.

Remnant #24

BEGINNING at a 5/8" stainless steel rod found at a northeast corner of the herein described Tract 4, also being a northwest corner of the said tract described in Volume 854, Page 931. Said corner has a State Plane Coordinate value of N:10051590.38 U. S. survey feet and E:4291845.42 U. S. survey feet and from which NGS monument JCAD16 bears S44"18'08"W 7845.97 varas.

THENCE S04°48'04"E with the common tract line 6.00 varas (16.66 feet) to the line of THENCE with the line of mean higher high water S80°56'46"W 5.70 varas (15.84 feet) to

THENCE continuing with the line of mean higher high water N61*22'49"W 11.54 varas

(32.05 feet) to a point in the common north line of the said Stephenson Survey, Abstract 23, and the south line of the Stevenson, Abstract 167. THENCE N84'58'30"E with the common survey line 15.32 varas (42.55 feet) to the PLACE OF BEGINNING, containing 0.01 acre of land.

Remnant #25

COMMENCING at a 5/8" stainless steel rod found at a northeast corner of the herein described Tract 4, also being a northwest corner of the said tract described in Volume 854, Page 931. Said corner has a State Plane Coordinate value of N:10051590.38 U. S. survey feet and E:4291845.42 U. S. survey feet.

THENCE S04'48'04"E with the common tract line 23.89 varas (66.36 feet) to the PLACE OF BEGINNING at a point on the line of mean higher high water. Said beginning point has a coordinate value of N:10051524.25 U.S. survey feet and E:4291850.97 U.S. survey feet and from which NGS monument JCAD16 bears S44'26'03"W 7830.35 varas.

THENCE continuing $504^{\circ}48'04''E$ with the common tract line 24.00 varas (66.67 feet) to a point on the line of mean higher high water. THENCE continuing with the line of mean higher high water N63'47'34"W 13.91 varas (38.63 feet) to a point on the line of mean higher high water. THENCE continuing with the line of mean higher high water N09~11'24"E 8.02 varas

(22.29 feet) to a point on the line of mean higher high water. THENCE continuing with the line of mean higher high water N42°59'42"E 13.47 varas (37.42 feet) to the PLACE OF BEGINNING, containing 0.03 acre of land.

Field Personnel: Nedra Foster Alvin Lassiter

Firm Registration #: 10040800

Shine & Associates, Inc. P.O. Box 305 Silsbee, Texas 77656 409-385-9383

94948



TEXAS GENERAL LAND OFFICE GEORGE P. BUSH, COMMISSIONER

Code

TEXAS GEMERAL LAND OFFICE

Surveying Division Coastal Boundary Survey Approval

Project:

Rose City Mitigation

Project No:

SL20140004 (GLO)

Project Manager:

Mollie Powell, Upper Coast Regional Manager

Texas General Land Office

Surveyor:

Nedra J. Foster, Licensed State Land Surveyor

Description:

Coastal Boundary Survey, conducted December 2012 and August 2013, by Nedra J. Foster, Licensed State Land Surveyor, delineating the lines of Mean High Water (MHW) and Mean Higher High Water (MHHW), along portions of the littoral boundaries of the Gilbert Stevenson Survey, Abstract 167 (MHW) and the William Stephenson Survey. Abstract 23 (MHHW), situated in that area, designated as Rose City Marsh, lying easterly from the Neches River and along the upper reaches of Meyer Bayou. Said survey being centered on approximate coordinates N30° 05' 08.12" (30.085588°), W94° 01'59.30" (94.033140°). The survey is associated with Texas General Land Office lease number SL200140004 and a map (copy) of same is recorded in the Orange County Public Records as Document number 415004.

A Coastal Boundary Survey for the above-referenced project has been reviewed and accepted; upon completion of public notice requirements, the survey will be filed in the Texas General Land Office, Archives and Records, in accordance with provisions of the Texas Natural Resources Code, Chapter 33.136.

Approved:

Signed:

Surveying Division

Feb. 5 2015

Date

Approval Filed as:

Tex. Nat. Res. Code Article 33.136 Orange County, Sketch No. 5