

FIELD NOTE DESCRIPTION

Being the line of Mean High Water of the pass between Cowtrap Lake and Cedar Lakes adjacent to the Calvin Sumreels Survey, Abstract Number 368, Brazoria County, Texas. The meander line of said Mean High Water being more particularly described as follows (coordinates and bearings are grid values referenced to the Texas Coordinate System of 1983, South Central Zone and NGS Monuments "877 2683 C" and "Bay City CORS ARP". Distances shown are grid distances unless noted):

COMMENCING at NGS Monument "877 2683 C", which has grid coordinates of N=13,517,144.85 feet (4,866,172.146 varas) and E=3,104,666.52 feet (1,117,679.947 varas), from which Monument "Bay City CORS ARP" bears North 75°43'58" West, 173,874.67 feet (62,594.881 varas);

THENCE, South 66°59'25" West, a distance of 20,622.36 feet (7,424.049 varas) to a point on the line of Mean High Water of Cowtrap Lake and a northwesterly line of said Sumreels Survey for the POINT OF BEGINNING and a northerly point of said meander line, having grid coordinates of N= 13,509,083.85 feet (4,863,270.186 varas) and E= 3,085,684.90 feet (1,110,846.564 varas);

THENCE, in a southerly and easterly direction, along the meander line of Mean High Water of the Cowtrap Lake to Cedar Lakes pass and westerly and southerly lines of said Sumreels survey, the following eighty-six (86) courses:

- (L1) South 77°32'23" West, a distance of 16.46 feet (5.925 varas) to an angle point;
- (L2) South 71°55'21" West, a distance of 22.49 feet (8.095 varas) to an angle point;
- (L3) South 00°15'22" West, a distance of 15.94 feet (5.740 varas) to an angle point;
- (L4) South 32°17'29" East, a distance of 31.52 feet (11.349 varas) to an angle point;
- (L5) South 26°53'09" East, a distance of 14.55 feet (5.239 varas) to an angle point;
- (L6) South 12°40'48" East, a distance of 21.13 feet (7.668 varas) to an angle point;
- (L7) South 16°39'36" East, a distance of 22.70 feet (8.173 varas) to an angle point;
- (L8) South 12°29'52" East, a distance of 18.00 feet (6.481 varas) to an angle point;
- (L9) South 03°52'00" West, a distance of 11.55 feet (4.157 varas) to an angle point;
- (L10) South 17°36'05" East, a distance of 13.49 feet (4.856 varas) to an angle point;
- (L11) South 15°50'02" West, a distance of 14.49 feet (5.217 varas) to an angle point;
- (L12) South 15°22'55" West, a distance of 16.98 feet (6.112 varas) to an angle point;
- (L13) South 72°13'55" West, a distance of 24.61 feet (8.860 varas) to an angle point;
- (L14) South 28°41'06" East, a distance of 37.43 feet (13.476 varas) to an angle point;
- (L15) South 15°22'57" West, a distance of 24.05 feet (8.658 varas) to an angle point;
- (L16) South 59°49'06" East, a distance of 35.34 feet (12.722 varas) to an angle point;
- (L17) South 82°41'42" West, a distance of 12.31 feet (4.432 varas) to an angle point;
- (L18) South 53°04'29" West, a distance of 7.77 feet (2.797 varas) to an angle point;
- (L19) South 00°51'51" West, a distance of 15.55 feet (5.597 varas) to an angle point;
- (L20) South 68°24'27" West, a distance of 13.59 feet (4.892 varas) to an angle point;
- (L21) South 42°14'47" West, a distance of 12.47 feet (4.490 varas) to an angle point;
- (L22) South 15°32'01" East, a distance of 13.86 feet (4.990 varas) to an angle point;
- (L23) South 43°50'40" East, a distance of 16.24 feet (5.847 varas) to an angle point;
- (L24) South 65°46'06" East, a distance of 17.72 feet (6.379 varas) to an angle point;
- (L25) South 71°29'13" East, a distance of 18.81 feet (6.773 varas) to an angle point;
- (L26) South 69°14'16" East, a distance of 15.36 feet (5.528 varas) to an angle point;
- (L27) South 52°40'15" East, a distance of 17.24 feet (6.205 varas) to an angle point;
- (L28) South 76°35'38" East, a distance of 10.92 feet (3.931 varas) to an angle point;
- (L29) South 71°54'42" East, a distance of 8.73 feet (3.141 varas) to an angle point;
- (L30) North 83°49'17" East, a distance of 34.78 feet (12.522 varas) to an angle point;
- (L31) North 66°14'12" East, a distance of 26.80 feet (9.648 varas) to an angle point;
- (L32) North 76°22'08" East, a distance of 26.56 feet (9.561 varas) to an angle point;
- (L33) South 88°36'33" East, a distance of 33.85 feet (12.187 varas) to an angle point;
- (L34) South 76°06'00" East, a distance of 37.58 feet (13.527 varas) to an angle point;
- (L35) South 76°14'40" East, a distance of 24.55 feet (8.839 varas) to an angle point;
- (L36) South 74°44'30" East, a distance of 26.67 feet (9.602 varas) to an angle point;
- (L37) South 63°49'51" East, a distance of 50.64 feet (18.231 varas) to an angle point;
- (L38) South 85°27'27" East, a distance of 34.08 feet (12.270 varas) to an angle point;
- (L39) South 83°51'33" East, a distance of 51.84 feet (18.661 varas) to an angle point;
- (L40) North 86°33'58" East, a distance of 35.37 feet (12.732 varas) to an angle point;
- (L41) North 89°41'32" East, a distance of 53.71 feet (19.335 varas) to an angle point;
- (L42) North 64°40'30" East, a distance of 18.73 feet (6.742 varas) to an angle point;
- (L43) North 66°02'34" East, a distance of 32.49 feet (11.696 varas) to an angle point;
- (L44) North 64°11'19" East, a distance of 19.47 feet (7.009 varas) to an angle point;
- (L45) North 46°51'45" East, a distance of 20.99 feet (7.556 varas) to an angle point;
- (L46) North 12°10'41" East, a distance of 18.33 feet (6.598 varas) to an angle point;
- (L47) North 25°02'08" East, a distance of 33.26 feet (11.974 varas) to an angle point;
- (L48) North 33°49'15" East, a distance of 55.13 feet (19.847 varas) to an angle point;
- (L49) North 42°49'39" East, a distance of 41.36 feet (14.890 varas) to an angle point;
- (L50) North 06°01'54" East, a distance of 9.44 feet (3.399 varas) to an angle point;
- (L51) North 38°32'36" East, a distance of 47.18 feet (16.984 varas) to an angle point;
- (L52) North 42°11'47" East, a distance of 14.51 feet (5.233 varas) to an angle point;
- (L53) North 13°38'57" East, a distance of 17.20 feet (6.238 varas) to an angle point;
- (L54) North 36°02'44" East, a distance of 29.29 feet (10.543 varas) to an angle point;
- (L55) North 66°33'13" East, a distance of 24.85 feet (8.946 varas) to an angle point;
- (L56) North 58°42'23" East, a distance of 16.67 feet (6.000 varas) to an angle point;
- (L57) North 15°02'17" East, a distance of 5.57 feet (2.005 varas) to an angle point;
- (L58) North 39°01'45" West, a distance of 24.38 feet (8.777 varas) to an angle point;
- (L59) North 21°54'49" West, a distance of 10.61 feet (3.821 varas) to an angle point;
- (L60) North 04°23'59" West, a distance of 21.38 feet (7.696 varas) to an angle point;
- (L61) North 49°07'39" East, a distance of 28.52 feet (10.267 varas) to an angle point;
- (L62) North 48°02'19" East, a distance of 20.15 feet (7.253 varas) to an angle point;
- (L63) North 53°30'23" East, a distance of 11.48 feet (4.133 varas) to an angle point;
- (L64) North 01°15'24" West, a distance of 14.00 feet (5.040 varas) to an angle point;
- (L65) North 21°28'31" East, a distance of 13.70 feet (4.933 varas) to an angle point;
- (L66) North 48°03'19" East, a distance of 46.51 feet (16.744 varas) to an angle point;
- (L67) North 35°52'19" East, a distance of 25.08 feet (9.029 varas) to an angle point;
- (L68) North 80°05'39" East, a distance of 31.66 feet (11.398 varas) to an angle point;
- (L69) North 85°13'38" East, a distance of 11.08 feet (3.989 varas) to an angle point;
- (L70) North 74°42'29" East, a distance of 12.22 feet (4.400 varas) to an angle point;
- (L71) North 72°39'47" East, a distance of 22.46 feet (8.084 varas) to an angle point;
- (L72) North 39°27'32" East, a distance of 76.09 feet (27.393 varas) to an angle point;
- (L73) North 56°59'49" East, a distance of 24.24 feet (8.726 varas) to an angle point;
- (L74) North 60°23'57" East, a distance of 39.75 feet (14.309 varas) to an angle point;
- (L75) North 64°33'09" East, a distance of 50.51 feet (18.183 varas) to an angle point;
- (L76) North 70°16'28" East, a distance of 51.22 feet (18.439 varas) to an angle point;
- (L77) North 71°05'00" East, a distance of 44.23 feet (15.923 varas) to an angle point;
- (L78) North 72°18'44" East, a distance of 39.09 feet (14.072 varas) to an angle point;
- (L79) North 74°10'08" East, a distance of 34.38 feet (12.378 varas) to an angle point;
- (L80) North 70°59'57" East, a distance of 41.67 feet (15.001 varas) to an angle point;
- (L81) North 68°11'39" East, a distance of 8.14 feet (2.931 varas) to an angle point;
- (L82) North 36°15'36" East, a distance of 5.39 feet (1.939 varas) to an angle point;
- (L83) North 86°23'55" East, a distance of 7.34 feet (2.644 varas) to an angle point;
- (L84) North 75°19'52" East, a distance of 18.71 feet (6.735 varas) to an angle point;
- (L85) North 77°35'22" East, a distance of 22.98 feet (8.127 varas) to an angle point;
- (L86) North 70°51'35" East, a distance of 30.51 feet (10.984 varas) to a point on the line of Mean High Water and northerly line of the Gulf Intracoastal Waterway, having grid coordinates of N=13,509,345.11 feet (4,863,364.240 varas) and E=3,086,950.17 feet (1,111,302.061 varas);

THENCE, South 04°52'01" West, crossing said Gulf Intracoastal Waterway, a distance of 857.17 feet (308.581 varas) to a point on the line of Mean High Water and southerly line of said Gulf Intracoastal Waterway, having grid coordinates of N=13,508,491.03 feet (4,863,056.771 varas) and E=3,086,877.44 feet (1,111,275.878 varas);

THENCE, in a southwesterly and southerly direction, along the meander line of Mean High Water of the Cowtrap Lake to Cedar Lakes pass and northwesterly and westerly lines of said Sumreels survey, the following forty (40) courses:

- (L87) South 50°38'38" West, a distance of 12.46 feet (4.487 varas) to an angle point;
- (L88) South 50°55'03" West, a distance of 20.18 feet (7.263 varas) to an angle point;
- (L89) South 43°48'25" West, a distance of 11.21 feet (4.037 varas) to an angle point;
- (L90) South 51°08'29" West, a distance of 31.14 feet (11.212 varas) to an angle point;
- (L91) South 50°33'53" West, a distance of 18.20 feet (6.551 varas) to an angle point;
- (L92) South 16°23'19" West, a distance of 14.55 feet (5.238 varas) to an angle point;
- (L93) South 38°46'59" West, a distance of 17.28 feet (6.220 varas) to an angle point;
- (L94) South 49°16'23" West, a distance of 20.19 feet (7.267 varas) to an angle point;
- (L95) South 72°00'17" West, a distance of 47.05 feet (16.938 varas) to an angle point;
- (L96) South 71°02'48" West, a distance of 44.64 feet (16.071 varas) to an angle point;
- (L97) South 68°25'37" West, a distance of 18.09 feet (6.511 varas) to an angle point;
- (L98) South 58°23'07" West, a distance of 19.78 feet (7.120 varas) to an angle point;
- (L99) South 65°45'01" West, a distance of 19.47 feet (7.009 varas) to an angle point;
- (L100) South 43°08'56" West, a distance of 14.65 feet (5.273 varas) to an angle point;
- (L101) South 65°50'20" West, a distance of 12.54 feet (4.513 varas) to an angle point;
- (L102) South 30°55'18" West, a distance of 54.00 feet (19.441 varas) to an angle point;
- (L103) South 33°40'34" West, a distance of 24.53 feet (8.673 varas) to an angle point;
- (L104) South 05°41'49" West, a distance of 38.20 feet (13.752 varas) to an angle point;
- (L105) South 12°36'40" West, a distance of 48.24 feet (17.356 varas) to an angle point;
- (L106) South 34°30'05" West, a distance of 23.24 feet (8.367 varas) to an angle point;
- (L107) South 34°35'48" West, a distance of 27.06 feet (9.740 varas) to an angle point;
- (L108) South 46°08'12" West, a distance of 33.92 feet (12.210 varas) to an angle point;
- (L109) South 05°04'00" West, a distance of 54.45 feet (19.602 varas) to an angle point;
- (L110) South 29°07'20" West, a distance of 39.85 feet (14.347 varas) to an angle point;
- (L111) South 35°39'28" West, a distance of 80.34 feet (28.922 varas) to an angle point;
- (L112) South 11°39'02" East, a distance of 110.55 feet (39.797 varas) to an angle point;
- (L113) South 54°56'39" East, a distance of 33.70 feet (12.131 varas) to an angle point;
- (L114) South 80°50'48" East, a distance of 30.25 feet (10.891 varas) to an angle point;
- (L115) North 80°46'24" East, a distance of 11.59 feet (4.172 varas) to an angle point;
- (L116) North 18°05'41" East, a distance of 45.37 feet (16.333 varas) to an angle point;
- (L117) North 14°20'22" East, a distance of 29.97 feet (10.790 varas) to an angle point;
- (L118) South 37°37'47" East, a distance of 31.02 feet (11.188 varas) to an angle point;
- (L119) South 26°25'12" East, a distance of 28.66 feet (10.319 varas) to an angle point;
- (L120) South 22°13'08" East, a distance of 43.07 feet (15.505 varas) to an angle point;
- (L121) South 16°08'23" East, a distance of 37.17 feet (13.380 varas) to an angle point;
- (L122) South 40°54'15" East, a distance of 39.11 feet (14.079 varas) to an angle point;
- (L123) South 25°06'26" East, a distance of 45.64 feet (16.431 varas) to an angle point;
- (L124) South 32°16'19" East, a distance of 47.74 feet (17.186 varas) to an angle point;
- (L125) South 25°00'10" East, a distance of 48.63 feet (17.507 varas) to an angle point;
- (L126) South 25°15'18" East, a distance of 60.83 feet (21.900 varas) to a point on the line of Mean High Water and easterly line of said Cowtrap Lake to Cedar Lakes Pass, having grid coordinates of N=13,507,415.17 feet (4,862,669.461 varas) and E=3,086,709.65 feet (1,111,215.474 varas);

THENCE, South 62°23'41" West, crossing said Cowtrap Lake to Cedar Lakes Pass, a distance of 395.29 feet (142.304 varas) to a point on the line of Mean High Water and westerly line of said Cowtrap Lake to Cedar Lakes Pass, having grid coordinates of N=13,507,231.99 feet (4,862,603.516 varas) and E=3,085,359.36 feet (1,111,089.370 varas);

THENCE, in a northerly and westerly direction, along the meander line of Mean High Water of the Cowtrap Lake to Cedar Lakes pass and easterly and northwesterly lines of said Sumreels survey, the following forty-six (46) courses:

- (L127) North 07°01'53" West, a distance of 93.18 feet (33.546 varas) to an angle point;
- (L128) North 11°38'13" East, a distance of 43.39 feet (15.620 varas) to an angle point;
- (L129) North 06°19'45" West, a distance of 45.01 feet (16.204 varas) to an angle point;
- (L130) North 18°48'38" East, a distance of 73.86 feet (26.589 varas) to an angle point;
- (L131) North 32°17'56" East, a distance of 95.81 feet (34.491 varas) to an angle point;
- (L132) North 10°51'35" East, a distance of 83.80 feet (30.169 varas) to an angle point;
- (L133) North 25°11'23" West, a distance of 45.17 feet (16.261 varas) to an angle point;
- (L134) North 44°52'02" West, a distance of 27.47 feet (9.889 varas) to an angle point;
- (L135) North 59°33'37" West, a distance of 43.86 feet (15.788 varas) to an angle point;
- (L136) North 77°58'15" West, a distance of 31.32 feet (11.274 varas) to an angle point;
- (L137) North 44°02'22" West, a distance of 12.76 feet (4.594 varas) to an angle point;
- (L138) North 53°13'35" West, a distance of 29.12 feet (10.484 varas) to an angle point;
- (L139) North 84°22'01" West, a distance of 39.02 feet (14.047 varas) to an angle point;
- (L140) South 52°22'22" West, a distance of 16.88 feet (6.076 varas) to an angle point;
- (L141) South 69°57'47" West, a distance of 32.44 feet (11.678 varas) to an angle point;
- (L142) South 88°20'48" West, a distance of 44.08 feet (15.868 varas) to an angle point;
- (L143) North 32°11'17" West, a distance of 10.04 feet (3.614 varas) to an angle point;
- (L144) South 76°31'38" West, a distance of 18.46 feet (6.645 varas) to an angle point;

FIELD NOTE DESCRIPTION (CONT.)

- (L145) South 81°46'07" West, a distance of 20.71 feet (7.457 varas) to an angle point;
- (L146) North 79°30'38" West, a distance of 19.55 feet (7.037 varas) to an angle point;
- (L147) South 82°39'22" West, a distance of 182.36 feet (65.650 varas) to an angle point;
- (L148) North 84°28'24" West, a distance of 54.24 feet (19.525 varas) to an angle point;
- (L149) North 86°46'06" West, a distance of 33.29 feet (11.984 varas) to an angle point;
- (L150) North 72°47'02" West, a distance of 23.72 feet (8.538 varas) to an angle point;
- (L151) North 76°02'52" West, a distance of 46.45 feet (16.722 varas) to an angle point;
- (L152) South 43°44'31" West, a distance of 21.48 feet (7.734 varas) to an angle point;
- (L153) South 69°40'59" West, a distance of 34.76 feet (12.515 varas) to an angle point;
- (L154) South 44°57'21" West, a distance of 13.97 feet (5.030 varas) to an angle point;
- (L155) South 36°59'20" West, a distance of 10.91 feet (3.926 varas) to an angle point;
- (L156) South 19°41'24" West, a distance of 13.80 feet (4.969 varas) to an angle point;
- (L157) South 63°40'22" West, a distance of 20.91 feet (7.528 varas) to an angle point;
- (L158) South 72°35'42" West, a distance of 21.76 feet (7.834 varas) to an angle point;
- (L159) South 60°36'53" West, a distance of 14.38 feet (5.176 varas) to an angle point;
- (L160) South 68°56'45" West, a distance of 48.18 feet (17.346 varas) to an angle point;
- (L161) South 03°10'27" West, a distance of 30.74 feet (11.065 varas) to an angle point;
- (L162) South 21°33'30" West, a distance of 33.06 feet (11.903 varas) to an angle point;
- (L163) South 46°07'17" West, a distance of 53.80 feet (19.368 varas) to an angle point;
- (L164) South 62°39'48" West, a distance of 30.62 feet (11.022 varas) to an angle point;
- (L165) South 88°28'38" West, a distance of 27.27 feet (9.816 varas) to an angle point;
- (L166) South 67°08'57" West, a distance of 32.08 feet (11.547 varas) to an angle point;
- (L167) North 71°49'55" West, a distance of 6.39 feet (2.299 varas) to an angle point;
- (L168) South 59°34'34" West, a distance of 10.63 feet (3.827 varas) to an angle point;
- (L169) South 76°42'06" West, a distance of 74.73 feet (26.904 varas) to an angle point;
- (L170) South 50°50'15" West, a distance of 108.44 feet (39.039 varas) to an angle point;
- (L171) South 64°48'44" West, a distance of 74.29 feet (26.745 varas) to an angle point;
- (L172) South 67°20'25" West, a distance of 51.61 feet (18.578 varas) to a point on the line of Mean High Water and southerly line of the Gulf Intracoastal Waterway, having grid coordinates of N=13,507,382.68 feet (4,862,657.765 varas) and E=3,085,188.64 feet (1,110,667.910 varas);

THENCE, North 16°59'02" West, crossing said Gulf Intracoastal Waterway, a distance of 734.26 feet (264.334 varas) to a point on the line of Mean High Water and northerly line of said Gulf Intracoastal Waterway, having grid coordinates of N=13,508,084.92 feet (4,862,910.571 varas) and E=3,084,974.16 feet (1,110,590.698 varas);

THENCE, in a northeasterly and westerly direction, along the meander line of Mean High Water of said Cowtrap Lake to Cedar Lakes pass and southeasterly and northerly lines of said Sumreels survey, the following thirty-eight (38) courses:

- (L173) North 39°39'08" East, a distance of 31.37 feet (11.293 varas) to an angle point;
- (L174) North 38°30'40" East, a distance of 49.10 feet (17.676 varas) to an angle point;
- (L175) North 40°51'00" East, a distance of 28.82 feet (10.376 varas) to an angle point;
- (L176) North 47°27'55" East, a distance of 31.41 feet (11.307 varas) to an angle point;
- (L177) North 02°39'41" East, a distance of 15.61 feet (5.619 varas) to an angle point;
- (L178) North 22°29'09" East, a distance of 12.41 feet (4.468 varas) to an angle point;
- (L179) North 34°51'45" East, a distance of 14.55 feet (5.238 varas) to an angle point;
- (L180) North 52°51'05" East, a distance of 10.44 feet (3.759 varas) to an angle point;
- (L181) North 79°16'33" East, a distance of 27.80 feet (10.009 varas) to an angle point;
- (L182) North 36°01'51" East, a distance of 17.45 feet (6.281 varas) to an angle point;
- (L183) North 73°73'50" East, a distance of 32.12 feet (11.564 varas) to an angle point;
- (L184) South 86°52'15" East, a distance of 44.33 feet (15.960 varas) to an angle point;
- (L185) North 81°42'20" East, a distance of 31.68 feet (11.404 varas) to an angle point;
- (L186) North 60°26'03" East, a distance of 13.82 feet (4.976 varas) to an angle point;
- (L187) North 54°17'33" East, a distance of 12.54 feet (4.515 varas) to an angle point;
- (L188) North 35°03'43" East, a distance of 11.42 feet (4.112 varas) to an angle point;
- (L189) North 26°03'04" West, a distance of 23.13 feet (8.327 varas) to an angle point;
- (L190) North 39°58'48" East, a distance of 23.30 feet (8.388 varas) to an angle point;
- (L191) North 59°49'25" East, a distance of 19.25 feet (6.930 varas) to an angle point;
- (L192) North 53°17'17" East, a distance of 19.14 feet (6.890 varas) to an angle point;
- (L193) North 81°34'57" East, a distance of 27.94 feet (10.059 varas) to an angle point;
- (L194) North 69°20'42" East, a distance of 54.99 feet (19.797 varas) to an angle point;
- (L195) North 41°47'11" East, a distance of 17.35 feet (6.356 varas) to an angle point;
- (L196) North 35°23'41" East, a distance of 64.29 feet (23.145 varas) to an angle point;
- (L197) North 04°57'14" East, a distance of 34.01 feet (12.244 varas) to an angle point;
- (L198) North 24°54'29" West, a distance of 33.18 feet (11.945 varas) to an angle point;
- (L199) North 67°51'30" West, a distance of 38.90 feet (14.004 varas) to an angle point;
- (L200) North 89°58'52" West, a distance of 17.23 feet (6.202 varas) to an angle point;
- (L201) South 81°42'29" West, a distance of 19.41 feet (6.986 varas) to an angle point;
- (L202) North 89°43'16" West, a distance of 32.42 feet (11.673 varas) to an angle point;
- (L203) North 81°23'52" West, a distance of 21.35 feet (7.685 varas) to an angle point;
- (L204) North 54°03'38" West, a distance of 47.50 feet (17.100 varas) to an angle point;
- (L205) North 66°14'11" West, a distance of 33.43 feet (12.034 varas) to an angle point;
- (L206) South 86°31'13" West, a distance of 24.56 feet (8.842 varas) to an angle point;
- (L207) North 86°11'32" West, a distance of 18.69 feet (6.729 varas) to an angle point;
- (L208) South 77°21'53" West, a distance of 39.23 feet (14.122 varas) to an angle point;
- (L209) South 37°08'05" West, a distance of 74.53 feet (26.831 varas) to an angle point;
- (L210) South 56°22'48" West, a distance of 77.39 feet (27.859 varas) to a point on the line of Mean High Water of Cowtrap Lake and a northerly line of said Sumreels Survey for the POINT OF TERMINUS and a westerly point of said meander line, having grid coordinates of N= 13,508,470.85 feet (4,863,049.506 varas) and E= 3,085,049.94 feet (1,110,617.978 varas), from which NGS Monument "877 2683 C" bears North 66°08'46" East, 21,448.74 feet (7,721.546 varas).

NOTICE.

This survey was performed in accordance with Section 33.136, Natural Resources Code, for the purpose of evidencing the location of the shoreline in the area depicted in this survey as that shoreline existed before commencement of erosion response activity, as required by Chapter 33, Natural Resources Code. The line depicted on this survey fixes the shoreline for the purpose of locating a shoreline boundary, subject to movement landward as provided by Section 33.136, Natural Resources Code.

NOTES:

- 1) All coordinates and bearings shown hereon are grid values referenced to the Texas Coordinate System of 1983, South Central Zone and NGS Monument "877 2683 C". Combined scale factor for this project is 0.999989608. Mapping angle for this project is 01°44'22".
- 2) The elevation of Mean High Water for this site is 0.90' as tied to Monument "Tidal Benchmark 877 2683 C" having an elevation of 3.29' NAVD 88. Mean High Water was determined by direct elevations from the NOAA Matagorda City, TX Tide Gauge.
- 3) This is an erosion control project with possible breakwater construction and slope protection.
- 4) CEPPA Project No. 1711.

I, Kyle C. Sunday, Licensed State Land Surveyor in and for the State of Texas, do hereby certify that on July 10, 2023, I have located the natural contour line of Mean High Water in accordance with methodology approved by the General Land Office, on the ground, according



TEXAS GENERAL LAND OFFICE
COMMISSIONER DAWN BUCKINGHAM, M.D.

Surveying Services
Coastal Boundary Survey

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. BRAZORIA
File Date 7/24/25 by L. PARRIS
No. 34

Project: Cowtrap Lake-Calvin Sumrall, A-368 – Sunday

Project No: Project Number: CEPRA # 1711

Project Manager: Carver Wray, Coastal Resources.

Surveyor: Kyle Sunday, Licensed State Land Surveyor

Description: Coastal Boundary Survey dated July 10, 2023, delineating the line of Mean High Water (MHW) of the pass between Cowtrap Lake and Cedar Lakes adjacent to the Calvin Sumrall (C. Sumrels) Survey, Abstract Number 368, Brazoria County, Texas, in connection with CEPRA No. 1711. Centroid coordinates 28°50'50" N, 95°30'30" W, WGS84. A copy of the survey Recorded in Official Public Records, Brazoria County Instrument No. 2025023688, Brazoria County, Texas.

A Coastal Boundary Survey for the above-referenced project has been reviewed and accepted by Surveying Services; 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 Tex. Nat. Res. Code §33.136.

by:

Signed:



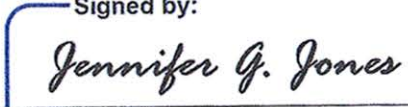
David Klotz, Staff Surveyor

7/8/2025
Surveying Services Date

Pursuant to Tex. Nat. Res. Code §33.136, the herein described Coastal Boundary Survey is approved by Dawn Buckingham, M.D., Commissioner of the Texas General Land Office.

by:

Signed:


Signed by:

Jennifer G. Jones
Chief Clerk and Deputy Land Commissioner


7/22/2025
Date

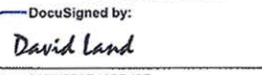
Filed as: Brazoria County, NRC Article 33.136 Sketch No. 34
Tex. Nat. Res. Code §33.136

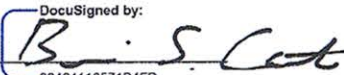
97478(2)

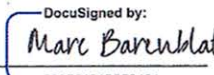
ROUTING FOR INTERNAL DOCUSIGN PACKET

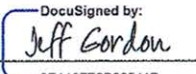
Staff Surveyor 
A48B70864E50480...

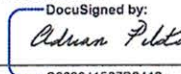
Surveying 
E246E7FD22AA4D6...

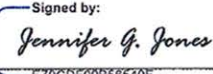
Legal 
287BFE8E18D748F...

Director 
66464110571B4FD...

Dep. Gen. Counsel 
833F61245C79401...

Gen. Counsel 
3E1127E3B26541D...

Deputy Chief Clerk 
C663841587B2413...

Chief Clerk and Deputy Land Commissioner 
E70CDF09B56540E...