

Coastal Boundary Survey
of
a Portion of Cowtrap Lake Number 2
in
Brazoria County, Texas

San Bernard National Wildlife Refuge

C. G. H. & H. H. Alsberry
A-4
Titled August 3, 1824

U.S. Fish & Wildlife Service
San Bernard National Wildlife Refuge
Phone: 979-964-4011

V1017/P305
United States of America

Southeast line of Block 12
Alsberry Survey

Mean High Water

Mean Higher High Water

N: 13515119.05
E: 3083229.58
H: 1.13' NAVD 88
NGS monument 'AM0539' bears
N72°09'23"E 22.17 miles

Solomon Blundell
(C. R. Cox Survey No. 2)
A-501
D-22

San Bernard National Wildlife Refuge

V1017/P305
United States of America

U.S. Fish & Wildlife Service
San Bernard National Wildlife Refuge
Phone: 979-964-4011

Cowtrap Lake #2

C. R. Cox
(William Harding)
A-692
75462

N: 13513006.81
E: 3078131.66
H: 1.04' NAVD 88
NGS monument 'AM0539'
bears N70°16'27"W 21.39
miles

Applicant:
Ducks Unlimited
915 Front Street
Richmond, TX 77469

This is an Erosion Control Project with terracing to be constructed.

U.S. Corps of Engineers Project No. SWG-2013-00436
Texas General Land Office Project No. CL20130042



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.

I, Nedra J. Foster, do hereby certify that the lines of mean higher high water (1.13' NAVD 88) and mean high water (1.04' NAVD 88) shown herein were correctly surveyed by me on the ground and according to law during September 2013, in accordance with Texas Natural Resources Code Sec. 21.042 and in accordance with methodology for the project approved by the surveying Division of the General Land Office. Points on the shoreline of submerged areas are on mean higher high water or mean high water as indicated and lines connecting are meander lines. There is no evidence of buildup, fill or improvements.

Given under my hand and seal this 26th day of September 2013.

Nedra J. Foster
Nedra J. Foster
Licensed State Land Surveyor

FIELD NOTES

Field notes describing a coastal boundary survey performed on the line of mean higher high water or mean high water as indicated on a portion of Cowtrap Lake Number 2 in the Solomon Blundell Survey, Abstract 501, the C.R. Cox Survey, Abstract 692 and the C. G. & H. H. Alsberry Survey, Abstract 4.

All bearings, distances, and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, South Central Zone, U. S. survey feet. Monument AM0539 was utilized having a published coordinate of N: 1351119.12 and E: 2971839.08 and H: 43.00 feet NAVD 88. The mapping angle is +01°42'01" and the combined scale factor is 0.999896950.

BEGINNING at a point on the line of mean high water on the north shore of Cowtrap Lake Number 2 in the said Blundell Survey which has a State Plane Coordinate value of N: 13513006.81 feet and E: 3078131.66 feet.

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

LINE	BEARING	DISTANCE
L1	N 26°40'16" E	560.90' 201.92 v.
L2	N 40°41'26" E	413.62' 148.90 v.
L3	N 47°46'10" E	632.18' 227.58 v.
L4	N 58°49'49" E	660.58' 237.81 v.
L5	N 68°00'59" E	at 721.91' (259.89 v.) pass the southeast line of the said Blundell Survey and the northwest line of the said Cox Survey, and continue same bearing a total distance of 809.27' (291.34 v.).

THENCE continuing with the line of mean high water:

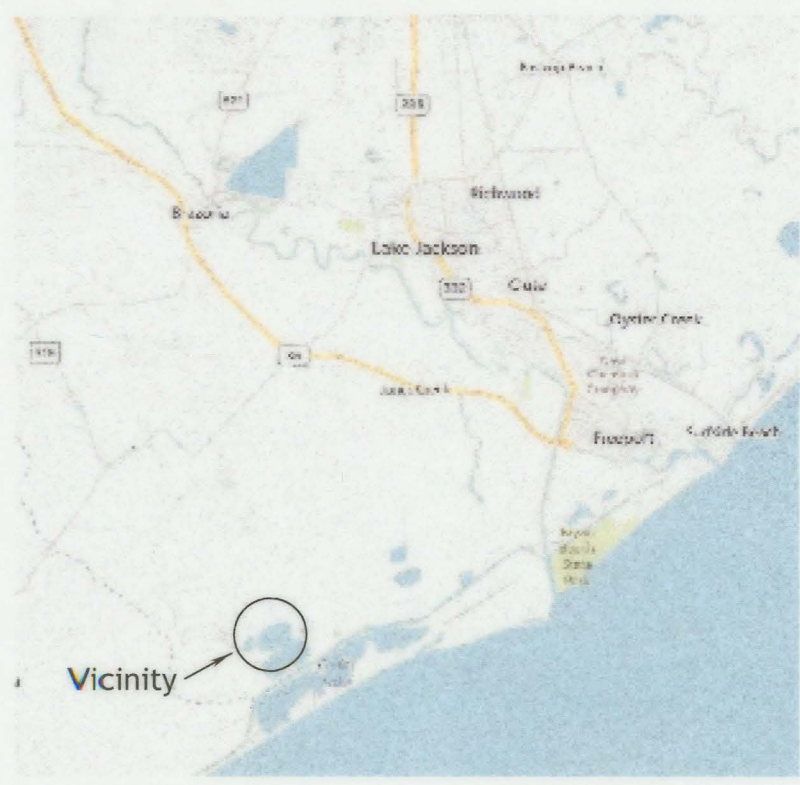
L6	N 72°38'28" E	404.88' 145.76 v.
L7	N 45°26'51" E	at 360.21' (129.68 v.) the northeast line of the said Cox Survey and the southwest line of the said Alsberry Survey.

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

L7	N 45°26'51" E	63.41' 22.83 v.
L8	N 69°48'43" E	190.34' 68.52 v.
L9	S 55°03'28" E	175.96' 63.35 v.
L10	N 82°49'32" E	452.18' 162.78 v.
L11	N 74°35'59" E	595.34' 214.32 v.
L12	S 86°24'36" E	448.62' 161.50 v.
L13	S 42°25'44" E	395.51' 142.38 v.
L14	S 36°09'58" E	93.89' 33.80 v.

to the end of the project area at a point on the southeast line of Block 12 of the said Alsberry Survey having a coordinate value of N: 13515119.05 and E: 3,083,229.58 and H: 1.13 feet NAVD 88.

Field personnel:
Nedra J. Foster
Daniel Werrick
Alvin Lassiter



SCALE 1" = 400'
1" = 144 varas

This plat and field notes are recorded in Brazoria County Public Records at v. 2013058973 MISC on 12/10/2013

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, Block No. 14
File Date 09/26/2013 by E. Foster
See Report

Shine & Associates, Inc.
P.O. Box 305
Siblee, Texas 77656
409-385-9383
Firm Registration No. 10040800



**Surveying Division
Coastal Boundary Survey Approval**

TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. Brazoria, Sketch No. 14
 File Date 06/17/2018 by R. Kerbye

Project: Cowtrap Lake Shoreline Protection
Project No: SL20130042 (GLO) / SWG-2013-00436 (USACE)
Project Manager: Mollie Powell, Upper Coast Regional Manager
Surveyor: Nedra Foster, Licensed State Land Surveyor

Description: Being a Coastal Boundary Survey, dated September, 2013, by Nedra Foster, Licensed State Land Surveyor, delineating the line of Mean High Water and Mean Higher High Water, along a portion of the shoreline of Cowtrap Lake No. 2, at the San Bernard National Wildlife Refuge, same line being situated in and traversing the Solomon Blundell Survey, Abstract 501, the C. R. Cox Survey, Abstract 692 and the C. G. & H. H. Alsberry Survey, Abstract 4, Brazoria County. The survey is associated with General Land Office (GLO) lease No. SL20130042 and U.S. Army Corps of Engineers (USACE) Project No. SWG-2013-00436.

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: David A. Ryl
 Surveying Division

Dec. 18, 2013
 Date

Approval Filed as:

Tex.Nat.Res.Code Article 33.136, Brazoria County, Sketch No. 14

Texas Register, Volume 39, Number 4, Pages 331-442, January 24, 2014 Page: 425

mined by the Office of the Chief Clerk in Room 201S of Building E, 12100 N. Interstate 35, Austin, Texas.

This posting is Notice of Opportunity to Comment on the Proposal for Decision and Order. The comment period will end 30 days from date of this publication. Written public comments should be submitted to the Office of the Chief Clerk, MC-105, TCEQ, P.O. Box 13087, Austin, Texas 78711-3087. If you have any questions or need assistance, please contact Melissa Chao, Office of the Chief Clerk, (512) 239-3300.

TRD-201400128

Bridget C. Bohac

Chief Clerk

Texas Commission on Environmental Quality

Filed: January 15, 2014

Texas Facilities Commission

Request for Proposals #303-5-20422

The Texas Facilities Commission (TFC), on behalf of the Office of the Attorney General (OAG), announces the issuance of Request for Proposals (RFP) #303-5-20422. TFC seeks a five (5) or ten (10) year lease of approximately 8,202 square feet of office space in Laredo, Texas.

The deadline for questions is January 28, 2014, and the deadline for proposals is February 11, 2014, at 3:00 p.m. The award date is March 19, 2014. TFC reserves the right to accept or reject any or all proposals submitted. TFC is under no legal or other obligation to execute a lease on the basis of this notice or the distribution of an RFP. Neither this notice nor the RFP commits TFC to pay for any costs incurred prior to the award of a grant.

Parties interested in submitting a proposal may obtain information by contacting the Regional Leasing Assistant, Evelyn Esquivel, at (512) 463-6494. A copy of the RFP may be downloaded from the Electronic State Business Daily at http://esbd.cpa.state.tx.us/bid_show.cfm?bidid=109557.

TRD-201400091

Kay Molina

General Counsel

Texas Facilities Commission

Filed: January 10, 2014

General Land Office

Notice and Opportunity to Comment on Requests for Consistency Agreement/Concurrence Under the Texas Coastal Management Program

On January 10, 1997, the State of Texas received federal approval of the Coastal Management Program (CMP) (62 Federal Register pp. 1439-1440). Under federal law, federal agency activities and actions affecting the Texas coastal zone must be consistent with the CMP goals and policies identified in 31 TAC Chapter 501. Requests for federal consistency review were deemed administratively complete for the following project during the period of December 4, 2013 through January 13, 2014. As required by federal law, the public is given an opportunity to comment on the consistency of proposed activities in the coastal zone undertaken or authorized by federal agencies. Pursuant to 31 TAC §§506.25, 506.32, and 506.41, the public comment period extends 30 days from the date published on the General Land Office's web site. The notice was published on the web site on January 15, 2014. The public comment period for this project will close at 5:00 p.m. on February 14, 2014.

FEDERAL AGENCY ACTIVITIES:

Applicant: U.S. Army Corps of Engineers (non-federal sponsor is the Brownsville Navigation District); **Location:** The Brazos Island Harbor (BIH) Channel Improvement project site is located at the Brownsville Ship Channel in Cameron County, Texas. The project can be located on the U.S.G.S. quadrangle maps titled: Port Isabel, Laguna Vista, Palmito Hill, and East Brownsville, Texas. **LATITUDE & LONGITUDE (NAD 83):** Latitude: 26.00745 North; Longitude: 97.27346 West.

Project Description: The applicant proposes to conduct the BIH Channel Improvement project that would extend the Brownsville Ship Channel Entrance Channel 3/4 of a mile farther into the Gulf of Mexico. The Entrance and Jetty Channels from Station -17+000 to 0+000 would be deepened to a depth of 54 feet MLLW. From Station 0+000 to 84+200, the Main Channel would be deepened to a depth of 52 feet MLLW. From Station 84+200 to 86+000, the existing channel is 42 feet deep and no deepening is proposed. The channel would be maintained at the existing depth of 36 feet MLLW from Station 86+000 to the end of the Turning Basin at 89+500, as ships will have been light-loaded or unloaded before entering. No channel widening is proposed and channel side slopes would remain the same as the existing project - 1 foot vertical over 6 feet horizontal in the Entrance and Jetty Channels; 1 foot vertical over 3 feet horizontal from station 0+000 to 35+000 and 1 foot vertical over 2 1/2 feet horizontal from station 35+000 through 89+500 in the Main Channel. No improvements are proposed for the existing jetties. If the project is authorized, it is estimated that the 29-month long construction period could be finished and the project completed by 2021. The least cost dredging disposal alternative includes the beneficial use of maintenance material from the Entrance and Jetty Channels, and the first 11,000 feet of the Main Channel for placement into the nearshore Feeder Berm off of South Padre Island. No environmental mitigation would be required as the plan would cause only negligible environmental impacts. Additional details of the project can be obtained from the Draft Integrated Feasibility Report and Environmental Assessment available online at: <http://www.svg.usace.army.mil/BusinessWithUs/PlanningEnvironmentalBranch/DocumentsforPublicReview.aspx>.

CMP Project No: 14-1310-F1.

Pursuant to §306(d)(14) of the Coastal Zone Management Act of 1972 (16 U.S.C.A. §§1451 - 1464), as amended, interested parties are invited to submit comments on whether a proposed action or activity is or is not consistent with the CMP goals and policies and whether the action should be referred to the Land Commissioner for review.

Further information on the application listed above, including a copy of the consistency certifications or consistency determinations for inspection, may be obtained from Ray Newby, P.O. Box 12873, Austin, Texas 78711-2873 or via email at federal.consistency@glc.texas.gov. Comments should be sent to Mr. Newby at the above address or by email.

TRD-201400149

Larry L. Laine

Chief Clerk/Deputy Land Commissioner

General Land Office

Filed: January 15, 2014

Notice of Approval of Coastal Boundary Survey

Pursuant to §33.136 of the Texas Natural Resources Code, notice is hereby given that Jerry Patterson, Commissioner of the General Land Office, approved a coastal boundary survey described as follows:

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. Brazoria, Sketch No. 14

File Date 06/20/2018 by R. Keartye

IN ADDITION January 24, 2014 39 TexReg 425

Texas. Secretary of State. Texas Register, Volume 39, Number 4, Pages 331-442, January 24, 2014, periodical, January 24, 2014; Austin, Texas. (texashistory.unt.edu/ark:/67531/metaph396819/m1/95/?q=%22Nedra%20Foster%22%20AND%20%22Coastal%20Boundary%20Survey%22%20AND%20%22Brazoria%22; accessed June 20, 2018), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; crediting UNT Libraries Government Documents Department.

Texas Register, Volume 39, Number 4, Pages 331-442, January 24, 2014 Page: 426

Being a Coastal Boundary Survey, dated September 2013, by Nedra Foster, Licensed State Land Surveyor, delineating the line of Mean High Water and Mean Higher High Water, along a portion of the shoreline of Cowtrap Lake No. 2, at the San Bernard National Wildlife Refuge, same line being situated in and traversing the Solomon Blundell Survey, Abstract 501, the C. R. Cox Survey, Abstract 692, and the C. G. & H. H. Alsberry Survey, Abstract 4, Brazoria County. The survey is associated with General Land Office (GLO) lease No. SL20130042 and U.S. Army Corps of Engineers (USACE) Project No. SWG-2013-00436.

This survey is intended to provide pre-project baseline information related to an erosion response activity on coastal public lands. An owner of uplands adjoining the project area is entitled to continue to exercise littoral rights possessed prior to the commencement of the erosion response activity, but may not claim any additional land as a result of accretion, reliction, or avulsion resulting from the erosion response activity.

For a copy of this survey or more information on this matter, contact Bill O'Hara, Director of the Survey Division, Texas General Land Office, by phone at (512) 463-5212, email at bill.o'hara@glo.texas.gov, or fax at (512) 463-5223.

TRD-201400086

Larry L. Laine

Chief Clerk/Deputy Land Commissioner
General Land Office

Filed: January 9, 2014

Notice of Approval of Coastal Boundary Survey

Pursuant to §33.136 of the Texas Natural Resources Code, notice is hereby given that Jerry Patterson, Commissioner of the General Land Office, approved a coastal boundary survey described as follows:

Coastal Boundary Survey, dated April 9, 2013, by J. L. Brundrett, Registered Professional Land Surveyor and duly elected Aransas County Surveyor, delineating the line of Mean Higher High Water along the northerly shore of Aransas Bay, same line being a portion of the littoral boundary line of the William Lewis Survey, Abstract 96 and Aransas Bay, Submerged Land Tract 68. The survey is associated with and in support of channel dredging, along with breakwater and bulkhead construction, proposed under Texas General Land Office lease number LC20140007 and is located on Lamar Peninsula approximately 1,400 feet easterly from Front Street at coordinates N 28.129991°, W 96.981774°, WGS84.

This survey is intended to provide pre-project baseline information related to an erosion response activity on coastal public lands. An owner of uplands adjoining the project area is entitled to continue to exercise littoral rights possessed prior to the commencement of the erosion response activity, but may not claim any additional land as a result of accretion, reliction, or avulsion resulting from the erosion response activity.

For a copy of this survey or more information on this matter, contact Bill O'Hara, Director of the Survey Division, Texas General Land Office, by phone at (512) 463-5212, email bill.o'hara@glo.texas.gov, or fax (512) 463-5223.

TRD-201400087

Larry L. Laine

Chief Clerk/Deputy Land Commissioner
General Land Office

Filed: January 9, 2014

Texas Health and Human Services Commission

Notice of Public Hearing on Proposed Community Based Alternatives Personal Attendant Services and Associated Consumer Directed Services Payment Rates

Hearing. The Texas Health and Human Services Commission (HHSC) will conduct a public hearing on Thursday, February 13, 2014, at 1:00 p.m. to receive public comment on proposed rate increases in the Community Based Alternatives - Home and Community Support Services (CBA-HCSS) waiver and associated Consumer Directed Services (CDS) programs operated by the Department of Aging and Disability Services (DADS). The hearing will be held in compliance with Human Resources Code §32.0282 and 1 Texas Administrative Code (TAC) §355.105(g), which require public notice and hearings on proposed Medicaid reimbursements before such rates are approved by HHSC.

The public hearing will be held in the Public Hearing Room of the Brown-Healy Building, located at 4900 North Lamar, Austin, Texas. Entry is through Security at the front of the building facing North Lamar. Persons requiring Americans with Disabilities Act (ADA) accommodation or auxiliary aids or services should contact Rate Analysis by calling (512) 730-7401 at least 72 hours prior to the hearing so appropriate arrangements can be made.

Proposal. HHSC proposes rate increases for CBA-HCSS Personal Attendant Services (PAS) and associated CDS rate(s). The proposed rates will be effective March 1, 2014, and were determined in accordance with the rate setting methodologies listed below under "Methodology and Justification."

Methodology and Justification. Effective September 1, 2013, DADS amended 40 TAC Chapter 49, Contracting for Community Care Services, and HHSC amended its managed care contracts to incorporate a minimum wage requirement of \$7.50 per hour for personal attendants (to increase to \$7.86 effective September 1, 2014). These changes were made in response to the 2014-15 General Appropriations Act (Article II, Special Provisions, §61, Senate Bill 1, 83rd Legislature, Regular Session, 2013) which indicated that appropriations made elsewhere in the Act included funds for an increase in the base wage of personal attendants to \$7.50 an hour in fiscal year 2014 and \$7.86 an hour in fiscal year 2015. HHSC proposes to increase the attendant compensation rate component for nonparticipating and participating contracts in the Attendant Compensation Rate Enhancement for the CBA-HCSS program and associated rate(s) in the CDS program to support the required minimum wage.

The proposed rates were determined in accordance with the rate setting methodologies codified at 1 TAC Chapter 355, Subchapter C, §355.503, Reimbursement Methodology for the Community Based Alternatives Waiver Program and the Integrated Care Management-Home and Community Support Services and Assisted Living/Residential Care Program, Subchapter A, §355.112, Attendant Compensation Rate Enhancement, and §355.114, Consumer Directed Services Payment Option. These rates were subsequently adjusted in accordance with 1 TAC Chapter 355, Subchapter A, §355.101, Introduction, and §355.109, Adjusting Reimbursement When New Legislation, Regulations or Economic Factors Affect Costs, and Subchapter B, §355.201, Establishment and Adjustment of Reimbursement Rates by the Health and Human Services Commission.

Briefing Package. A briefing package describing the proposed payment rates will be available at <http://www.hhsc.state.tx.us/rdr/rate-packets.shtml> on January 31, 2014. Interested parties may also obtain a copy of the briefing package prior to the hearing by contacting Rate Analysis by telephone at (512) 730-7401; by fax at (512) 730-7475;

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. Brazoria, Sketch No. 14

File Date 06/20/2018 by R. Kerlye

39 TexReg 426 January 24, 2014 Texas Register

Texas. Secretary of State. Texas Register, Volume 39, Number 4, Pages 331-442, January 24, 2014, periodical, January 24, 2014; Austin, Texas. (<http://texashistory.unt.edu/ark:/67531/metaph396819/m1/96/?q=%22Nedra%20Foster%22%20AND%20%22Coastal%20Boundary%20Survey%22%20AND%20%22Brazoria%22>: accessed June 20, 2018), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; crediting UNT Libraries Government Documents Department.

Shine & Associates, Inc.

LAND BOUNDARY SURVEYORS
D. D. SHINE, RPLS, LSLs
NEDRA J. FOSTER, RPLS, LSLs

2013058973 MISC

Total Pages: 4

AC



DECLARATION OF A COASTAL BOUNDARY SURVEY

PURPOSE AND 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.

FIELD NOTE DESCRIPTION:

Field notes describing a coastal boundary survey performed on the line of mean higher high water or mean high water as indicated on a portion of Cowtrap Lake Number 2 in the Soloman Blundell Survey, Abstract 501, the C. R. Cox Survey, Abstract 692, and the C. G. & H. H. Alsberry Survey, Abstract 4, Brazoria County, Texas.

All bearings, distances and coordinates are grid and are referenced to the Texas Plane Coordinate System, NAD83, South Central Zone, U.S. survey feet. Monument AM0539 was utilized having a published coordinate of N: 13551119.12 and E: 2971839.08 and H: 43.00 feet. The mapping angle is +01°42'01" and the combined scale factor is 0.999896950.

BEGINNING at a point on the line of mean high water on the north shore of Cowtrap Lake Number 2 in the said Blundell Survey which has a State Plane Coordinate value of N: 13513006.81 and E: 3078131.66.

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

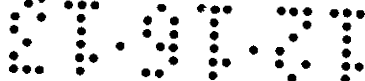
- N 26°40'16" E 560.90 feet (201.92 varas),
- N 40°41'26" E 413.62 feet (148.90 varas),
- N 47°46'10" E 632.18 feet (227.58 varas),
- N 58°49'49" E 660.58 feet (237.81 varas),
- N 66°00'59" E at 721.91 feet (259.89 varas) pass the southeast line of the

said Blundell Survey and the northwest line of the said Cox Survey and continue same bearing a total distance of 809.27 feet (291.34 varas).

THENCE continuing with the line of mean high water:

N 72°38'28" E 404.88 feet (145.76 varas),

N 45°26'51" E at 360.21 feet (129.68 varas) the northeast line of the said Cox Survey and the southwest line of the said Alsberry Survey.



TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, Sketd No. 14
File Date 06/20/2018 by R. Kartye

THENCE with the line of mean higher high water:

- N 45°26'51" E 63.41 feet (22.83 varas),
- N 69°48'43" E 190.34 feet (68.52 varas),
- S 55°03'28" E 175.96 feet (63.35 varas),
- N 82°49'32" E 452.16 feet (162.78 varas),
- N 74°35'59" E 595.34 feet (214.32 varas),
- S 86°24'36" E 448.62 feet (161.50 varas),
- S 42°25'44" E 395.51 feet (142.38 varas),
- S 36°09'58" E 93.89 feet (33.80 varas)

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. Brazoria, Sketch No. 14

File Date 06/20/2013 by R. Kartye

to the end of the project area at a point on the southeast line of Block 12 of the Alsberry Survey, having a coordinate value of N: 13,515,119.05 and E: 3,083,229.58 and H: 1.13 feet NAVD 88.

Field Personnel:

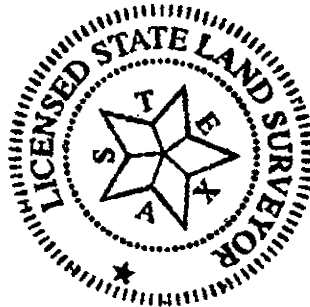
Nedra J. Foster
Daniel Warrick
Alvin Lassiter

SURVEYORS CERTIFICATE

I, Nedra J. Foster, do hereby certify that the lines of mean higher high water (1.13 feet NAVD 88) and mean high water (1.04 feet NAVD 88) shown hereon were correctly surveyed by me on the ground and according to law during September 2013, in accordance with Texas Natural Resources Code Sec. 21.042 and in accordance with methodology for the project approved by the Surveying Division of the General Land Office. Points on the shoreline of submerged areas are on mean higher high water or mean high water as indicated and lines connecting are meander lines. There is no evidence of buildup, fill or improvements.

Nedra J. Foster

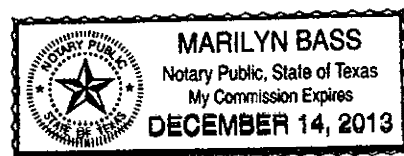
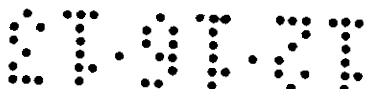
Nedra J. Foster
Licensed State Land Surveyor
Shine & Associates, Inc.
P.O. Box 305
Silsbee, Texas 77656
409-385-9383



Subscribed and sworn to me on the 2nd day of December, 2013

Marilyn Bass

Notary Public
My commission expires 12-14-2013



Co. Brazoria, Sketch No. 14

File Date 06/20/2018 by R. Kurtze

Coastal Boundary Survey
 of
 a Portion of Cowtrap Lake Number 2
 in
 Brazoria County, Texas

EXHIBIT 1

San Bernard National Wildlife Refuge

C. G. H. & H. H. Alsberry
 A-4
 Titled August 3, 1834

U.S. Fish & Wildlife Service
 San Bernard National Wildlife Refuge
 Phone 978-224-4011

V0017/000
 United States of America

Mean Higher High Water
 Mean High Water

Solomon Blundell
 (C. R. Cox Survey No. 2)
 A-501
 D-22

San Bernard National Wildlife Refuge

V0017/000
 United States of America

U.S. Fish & Wildlife Service
 San Bernard National Wildlife Refuge
 Phone 978-224-4011

Cowtrap Lake #2

C. R. Cox
 (William Harding)
 A-692
 75462

N. 121°30'00"E
 D. 200.00 FT.
 N. 120° 00' 00"
 686 measurement 148830'
 from 100°00'00" to 21.38
 100'

N. 120°00'00"E
 D. 200.00 FT.
 N. 115° 00' 00"
 618 measurement 140029' from
 117°00'00" to 22.17
 100'

Author:
 R. Kurtze
 2018
 Revised: 12/7/2018

This is an Open-Channel Project with flowing to the southeast.
 U.S. Corps of Engineers Project No. 899-012-20128
 Texas General Land Office Project No. G-2012042

NOTE: This survey was performed in accordance with Section 31.13, Natural Resources Code, for the purpose of establishing the location of the boundary to the area depicted in this survey and that otherwise related features, components of aquatic resources, as required by Chapter 31, Natural Resources Code. The line depicted on this survey from the boundary for the purpose of Section 31.13, Natural Resources Code, is subject to adjustment hereafter as provided by Section 31.13, Natural Resources Code.

I, Nathan J. Peter, do hereby certify that the lines of mean higher high water (MHHW) and mean high water (MHW) shown herein were accurately surveyed by me on the ground and according to the actual topographic data, in accordance with Texas Natural Resources Code Sec. 31.13 and I understand that the boundary for the project as approved by the governing authority was established on the ground on the date of adjustment given on an mean higher high water or mean high water as indicated and from connecting any descriptive data. There is no evidence of buildings, etc. or improvements.

Shown under my hand and seal the 20th day of September 2018.

Nathan J. Peter
 Nathan J. Peter
 Licensed State Land Surveyor



FIELD NOTES

Field notes describing a coastal boundary survey performed on the line of mean higher high water or mean high water as indicated on a portion of Cowtrap Lake Number 2 in the State of Texas, as shown on the C. G. H. & H. H. Alsberry Survey, A-4 and the C. R. Cox Survey, A-692 and the C. G. H. & H. H. Alsberry Survey, A-4.

All bearings, distances, and coordinates are true and are referenced to the True Mean Coordinate System, NAD83, State Plane Coordinate System, U.S. Survey Feet. Instrument used was a total station (a precision) consisting of a 120000000 and a 200000000 and a 4300 foot MVD II. The magnetic declination is 10°45'00" and the combined scale factor is 0.999999999.

Reference to a point on the line of mean high water on the north shore of Cowtrap Lake Number 2 in the said State of Texas which has a State Plane Coordinate value of N 120°00'00" East and a 200000000 feet.

BEARING with the line of mean high water the following courses and distances:

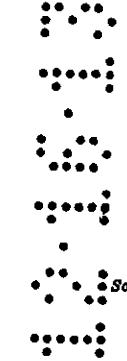
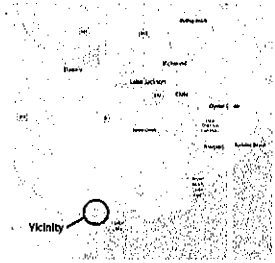
LINE: 000000
 L1 N 20°00'00" E 200.00' 200.00 ft.
 L2 N 40°00'00" E 418.80' 418.80 ft.
 L3 N 47°00'00" E 522.14' 522.14 ft.
 L4 N 20°00'00" E 200.00' 200.00 ft.
 L5 N 00°00'00" E at 721.81' (200.00 ft.) from the southeast line of the said Blundell Survey and the southeast line of the said Cox Survey, and thence come bearing a total distance of 200.00' (200.00 ft.).

THENCE continuing with the line of mean high water
 L6 N 72°00'00" E 404.80' 404.80 ft.
 L7 N 60°00'00" E at 200.00' (100.00 ft.) the southeast line of the said Cox Survey and the southeast line of the said Alsberry Survey.

THENCE with the line of mean higher high water the following courses and distances:
 L8 N 80°00'00" E 63.41' 63.41 ft.
 L9 N 80°00'00" E 100.50' 100.50 ft.
 L10 N 80°00'00" E 170.80' 170.80 ft.
 L11 N 70°00'00" E 214.30' 214.30 ft.
 L12 S 80°00'00" E 440.00' 440.00 ft.
 L13 S 80°00'00" E 200.00' 200.00 ft.
 L14 S 20°00'00" E 52.80' 52.80 ft.

At the end of the project area of a point on the southeast line of Mark 12 of the said Blundell Survey having a State Plane Coordinate value of N 120°00'00" East and a 200000000 feet to 1.15 feet 0000 ft.

Field personnel:
 Nathan J. Peter
 Nathan J. Peter
 Peter Lutzner



This plat and field notes are recorded in Brazoria County Public Records at V _____ of _____.

Shiner & Associates, Inc.
 P.O. Box 320
 Houston, Texas 77002
 409-266-2322
 PWS Registration No. 10040000

95063

FILED and RECORDED

Instrument Number: 2013058973

Filing and Recording Date: 12/10/2013 11:46:54 AM Pages: 4 Recording Fee: \$29.00

I hereby certify that this instrument was FILED on the date and time stamped hereon and RECORDED in the OFFICIAL PUBLIC RECORDS of Brazoria County, Texas.



Joyce Hudman

Joyce Hudman, County Clerk
Brazoria County, Texas

ANY PROVISION CONTAINED IN ANY DOCUMENT WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE REAL PROPERTY DESCRIBED THEREIN BECAUSE OF RACE OR COLOR IS INVALID UNDER FEDERAL LAW AND IS UNENFORCEABLE.

DO NOT DESTROY - Warning, this document is part of the Official Public Record.

cclerk-jkeels

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria Sketch No. 14
File Date 06/20/2014 by R. Kuntze

27.97.21

95064

AFFP
GENERAL LAND OFFICENOTICE OF A

Affidavit of Publication

STATE OF TEXAS }
COUNTY OF BRAZORIA } SS

GENERAL LAND OFFICE
NOTICE OF APPROVAL OF COASTAL BOUNDARY SURVEY

Glenn Blount, being duly sworn, says:

That he is General Manager of the The Facts, a daily newspaper of general circulation, printed and published in Clute, Brazoria County, Texas; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

January 22, 2014

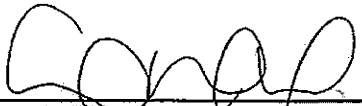
That said newspaper was regularly issued and circulated on those dates.

SIGNED:



General Manager

Subscribed to and sworn to me this 22nd day of January 2014.



Alexi Meredith Self, Notary, Brazoria County, Texas

My commission expires: August 24, 2015

Pursuant to §33.136 of the Texas Natural Resources Code, notice is hereby given that Jerry Patterson, Commissioner of the General Land Office, approved a coastal boundary survey described as follows:

Being a Coastal Boundary Survey, dated September, 2013, by Nedra Foster, Licensed State Land Surveyor, delineating the line of Mean High Water and Mean Higher High Water, along a portion of the shoreline of Cowtrap Lake No. 2, at the San Bernard National Wildlife Refuge, same line being situated in and traversing the Solomon Blundell Survey, Abstract 501, the C. R. Cox Survey, Abstract 692 and the C. G. & H. H. Alsberry Survey, Abstract 4, Brazoria County. The survey is associated with General Land Office (GLO) lease No. SL20130042 and U.S. Army Corps of Engineers (USACE) Project No. SWG-2013-00436.

This survey is intended to provide pre-project baseline information related to an erosion response activity on coastal public lands. An owner of uplands adjoining the project area is entitled to continue to exercise littoral rights possessed prior to the commencement of the erosion response activity, but may not claim any additional land as a result of accretion, reliction, or avulsion resulting from the erosion response activity.

For a copy of this survey or more information on this matter, contact Bill O'Hara, Director of the Survey Division, Texas General Land Office by phone at 512-463-5212, email bill.o'hara@glo.texas.gov, or fax 512-463-5223.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Brazoria, Sketch No. 14

File Date 06/20/2014 by R. Kartye

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Texas General Land Office
1700 N Congress
AUSTIN, TX 78701

