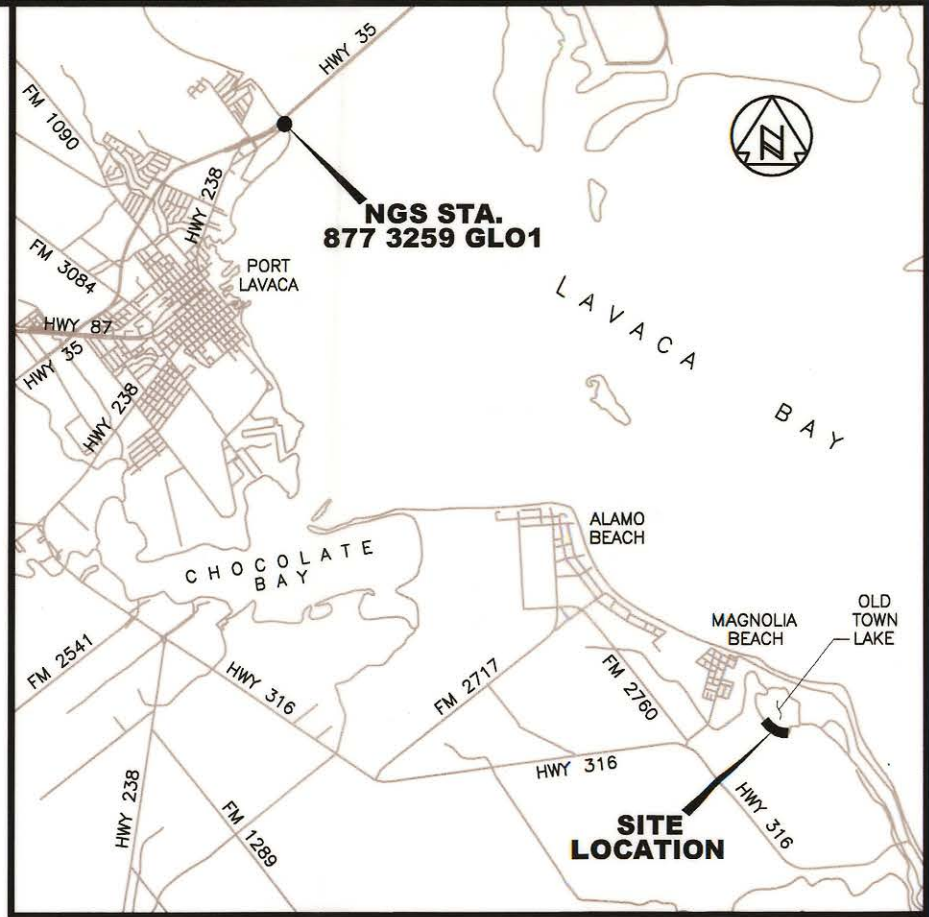
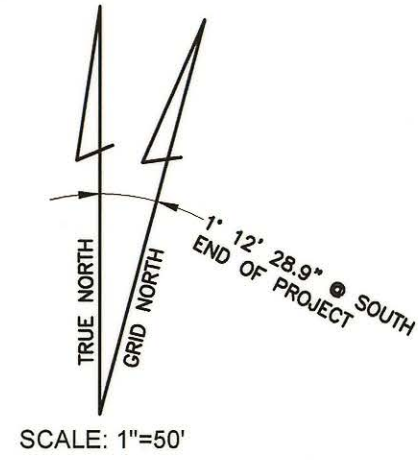


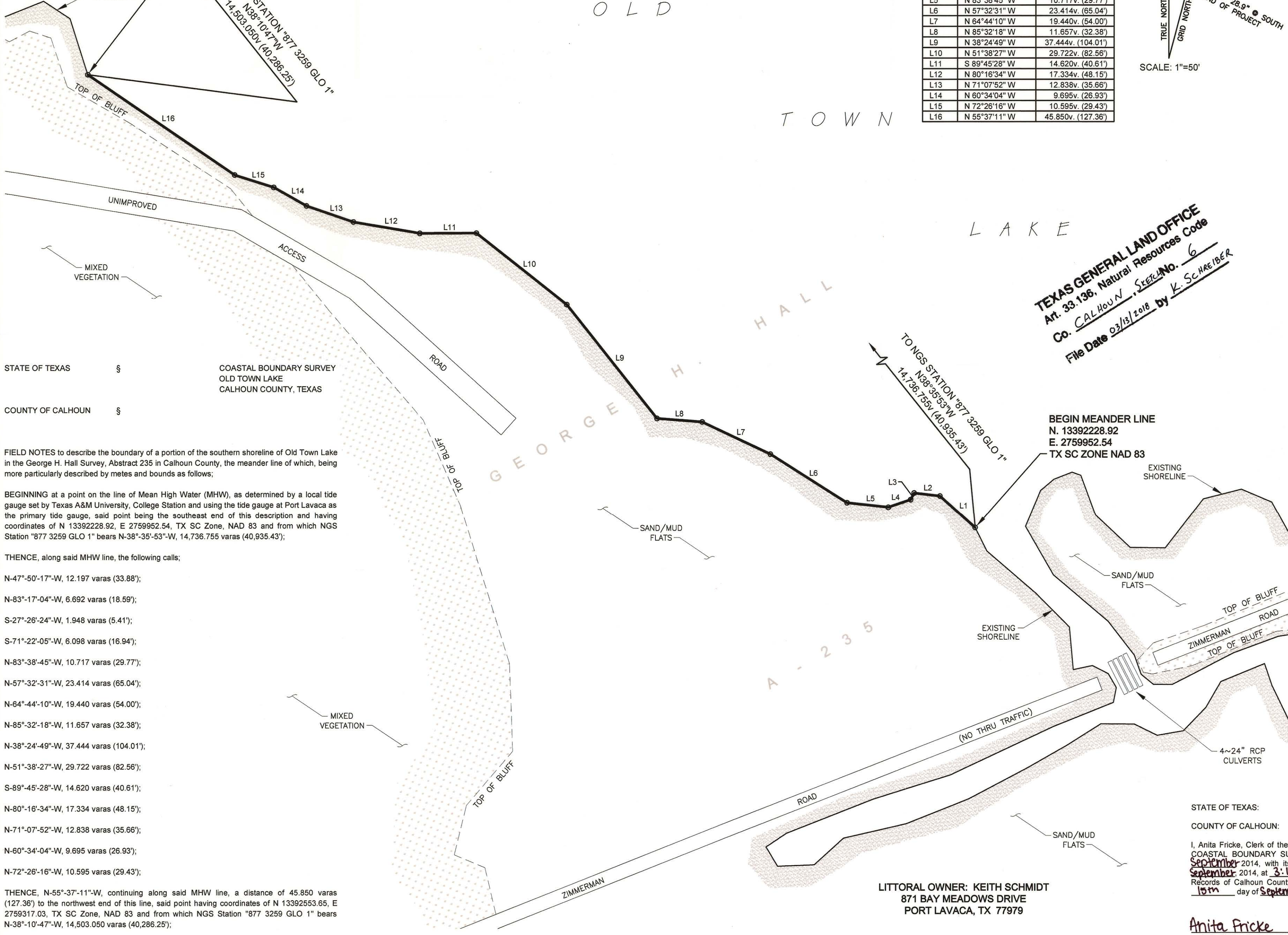
END MEANDER LINE  
 N. 13392553.65  
 E. 2759317.03  
 TX SC ZONE NAD 83

NGS STATION "877 3259 GLO 1"  
 N 28°38'21.59"  
 E -96°36'43.40"  
 NAD 83 TX SC ZONE

OLD TOWN LAKE MEANDER LINE (JULY 2014)		
L1	N 47°50'17" W	12.197 v. (33.88')
L2	N 83°17'04" W	6.692v. (18.59')
L3	S 27°26'24" W	1.948v. (5.41')
L4	S 71°22'05" W	6.098v. (16.94')
L5	N 83°38'45" W	10.717v. (29.77')
L6	N 57°32'31" W	23.414v. (65.04')
L7	N 64°44'10" W	19.440v. (54.00')
L8	N 85°32'18" W	11.657v. (32.38')
L9	N 38°24'49" W	37.444v. (104.01')
L10	N 51°38'27" W	29.722v. (82.56')
L11	S 89°45'28" W	14.620v. (40.61')
L12	N 80°16'34" W	17.334v. (48.15')
L13	N 71°07'52" W	12.838v. (35.66')
L14	N 60°34'04" W	9.695v. (26.93')
L15	N 72°26'16" W	10.595v. (29.43')
L16	N 55°37'11" W	45.850v. (127.36')



VICINITY MAP N.T.S



STATE OF TEXAS § COASTAL BOUNDARY SURVEY  
 OLD TOWN LAKE  
 CALHOUN COUNTY, TEXAS

COUNTY OF CALHOUN §

FIELD NOTES to describe the boundary of a portion of the southern shoreline of Old Town Lake in the George H. Hall Survey, Abstract 235 in Calhoun County, the meander line of which, being more particularly described by metes and bounds as follows:

BEGINNING at a point on the line of Mean High Water (MHW), as determined by a local tide gauge set by Texas A&M University, College Station and using the tide gauge at Port Lavaca as the primary tide gauge, said point being the southeast end of this description and having coordinates of N 13392228.92, E 2759952.54, TX SC Zone, NAD 83 and from which NGS Station "877 3259 GLO 1" bears N-38°-35'-53"-W, 14,736.755 varas (40,935.43);

THENCE, along said MHW line, the following call:

- N-47°-50'-17"-W, 12.197 varas (33.88');
- N-83°-17'-04"-W, 6.692 varas (18.59');
- S-27°-26'-24"-W, 1.948 varas (5.41');
- S-71°-22'-05"-W, 6.098 varas (16.94');
- N-83°-38'-45"-W, 10.717 varas (29.77');
- N-57°-32'-31"-W, 23.414 varas (65.04');
- N-64°-44'-10"-W, 19.440 varas (54.00');
- N-85°-32'-18"-W, 11.657 varas (32.38');
- N-38°-24'-49"-W, 37.444 varas (104.01');
- N-51°-38'-27"-W, 29.722 varas (82.56');
- S-89°-45'-28"-W, 14.620 varas (40.61');
- N-80°-16'-34"-W, 17.334 varas (48.15');
- N-71°-07'-52"-W, 12.838 varas (35.66');
- N-60°-34'-04"-W, 9.695 varas (26.93');
- N-72°-26'-16"-W, 10.595 varas (29.43');

THENCE, N-55°-37'-11"-W, continuing along said MHW line, a distance of 45.850 varas (127.36') to the northwest end of this line, said point having coordinates of N 13392553.65, E 2759317.03, TX SC Zone, NAD 83 and from which NGS Station "877 3259 GLO 1" bears N-38°-10'-47"-W, 14,503.050 varas (40,286.25);

TEXAS GENERAL LAND OFFICE  
 Art. 33.136, Natural Resources Code  
 Co. CALHOUN, SEEK No. 6  
 File Date 03/13/2018 by K. SCHEIBER

BEGIN MEANDER LINE  
 N. 13392228.92  
 E. 2759952.54  
 TX SC ZONE NAD 83

- NOTES:
- BASIS OF BEARING OF THIS SURVEY IS GRID NORTH, TEXAS COORDINATE SYSTEM, AS OBSERVED BY GPS, TEXAS SOUTH CENTRAL ZONE 4204, NAD 83, WITH A COMBINED SCALE FACTOR OF 0.999960472, AND REFERENCED TO NGS STATION "877 3259 GLO 1".
  - ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES.
  - MEAN HIGH WATER WAS DETERMINED ACCORDING TO A LOCAL TIDE GAUGE ESTABLISHED BY TEXAS A&M UNIVERSITY - COLLEGE STATION, USING THE TIDE GAUGE AT PORT LAVACA AS THE PRIMARY TIDE GAUGE.
  - THIS PLAT HAS BEEN PREPARED IN ADVANCE OF CONSTRUCTION OF A WETLAND RESTORATION PROJECT IN THE MAGNOLIA BEACH-INDIANOLA AREA IN CALHOUN COUNTY, TEXAS, GLO SPECIAL DOCUMENT SD20140009 AND CEPPA PROJECT 1591. THIS PROJECT WILL REMOVE A PORTION OF A BLOCKAGE THAT IS RESTRICTING TIDAL FLOW, AND TRANSPORT AND USE THE REMOVED SHELL HASH AND OYSTER SHELLS AS LIVING SHORELINE PROTECTION IN OLD TOWN LAKE. THIS PLACEMENT OF THIS LIVING SHORELINE PROTECTION MEASURE REQUIRED THIS COASTAL BOUNDARY SURVEY.

- SURVEY CREW PERSONNEL:
- DAVID NESBITT - L.S.L.S.
  - ISMAEL RODARTE - S.I.T.
  - PAUL NEBELING - FIELD CREW
  - JOHN HARLESS - FIELD CREW

33.136 NOTE:  
 "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."

STATE OF TEXAS:  
 COUNTY OF CALHOUN:

I, Anita Fricke, Clerk of the County Court in and for Calhoun County, Texas, hereby certify that the foregoing map of COASTAL BOUNDARY SURVEY, OLD TOWN LAKE, CALHOUN COUNTY, TEXAS dated the 15th day of September 2014, with its certificate of authentication was filed for record in my office this 15th day of September 2014, at 3:19 o'clock p.m. and duly recorded in Cabinet 7, Pages 527B, Map Records of Calhoun County, Texas. Witness my hand and seal of said Court at office in Port Lavaca, Texas, this 15th day of September 2014.

Anita Fricke  
 Anita Fricke, Calhoun County Clerk  
 by: *Ardeugh Sutton*

140492  
 Doc#

LITTORAL OWNER: KEITH SCHMIDT  
 871 BAY MEADOWS DRIVE  
 PORT LAVACA, TX 77979

PERMIT APPLICANT: DR. RUSTY A. FEAGIN  
 TEXAS A&M UNIVERSITY - COLLEGE STATION  
 1500 RESEARCH PARKWAY, SUITE B223  
 COLLEGE STATION, TEXAS 77845



**CRG**  
 Coym, Rehmet & Gutierrez  
 Engineering, L.P.  
 TBPE Firm Reg. No. F-388  
 TBPLS Firm Reg. No. 101040-01  
 5656 South Staples, Suite 230  
 Corpus Christi, Texas 78411  
 Phone (361) 991-8550 Fax 993-7569  
 E-Mail crg@crgei.com

SURVEY DATE: JULY 2, 2014  
 SURVEY PREPARED: SEPTEMBER 12, 2014  
 CRG JOB: 20835C  
 © COPYRIGHT 2014 ALL RIGHTS RESERVED  
 SHEET 1 OF 1

THE STATE LAND BOUNDARY FOR THIS TRACT WAS DETERMINED UNDER MY DIRECTION AND IS BASED ON THE DATUM AS SHOWN ON THIS PLAT ACCORDING TO LAW. I HAVE LOCATED THE NATURAL LITTORAL BOUNDARY IN THE FIELD AND THE SURVEY IS CORRECT AND IN ACCORDANCE WITH SECTION 21.042 OF THE NRC AND WITH THE METHODOLOGY APPROVED BY THE GENERAL LAND OFFICE AND THAT TO THE BEST OF MY KNOWLEDGE NO ARTIFICIAL FILL, BUILD-UP, OR RETAINING WALLS ARE LOCATED WITHIN THE AREA SURVEYED EXCEPT AS NOTED.

September 15, 2014 *David L Nesbitt*  
 DAVID L. NESBITT  
 REGISTERED PROFESSIONAL LAND SURVEYOR, NO.: 5302  
 LICENSED STATE LAND SURVEYOR



# COASTAL BOUNDARY SURVEY

## OLD TOWN LAKE, CALHOUN COUNTY, TEXAS

SHOWING THE BOUNDARY ALONG OLD TOWN LAKE WITHIN THE LIMITS OF THE GEORGE H. HALL SURVEY, ABSTRACT 235, IN CALHOUN COUNTY ALONG THAT PORTION NORTH OF ZIMMERMAN ROAD IN MAGNOLIA BEACH, TEXAS.



**Surveying Division  
Coastal Boundary Survey Approval**

**Project:** Old Town Lake Beach Nourishment (aka Magnolia Inlet-CEPRA)  
**Project No:** SD20140009 (GLO)  
CEPRA 1591  
**Project Manager:** Carla Kartman, CEPRA Project Manager, GLO Coastal Resources Division  
**Surveyor:** David L. Nesbitt, Licensed State Land Surveyor

**Description:** A Coastal Boundary Survey, dated July 2, 2014, by David L. Nesbitt, Licensed State Land Surveyor, delineating the line of Mean High Water, along the southwestern shore of Old Town Lake, same line being the littoral boundary of the George H. Hall Survey, Abstract 235. The survey is in support of a proposed beach re-nourishment, authorized by SD20140009 (Texas General Land Office) and Coastal Erosion Planning and Response Act (CEPRA) Project No. 1591. The surveyed line (centroid coordinates N 28°33'02", W 96°32'08") is situated on the southwest shore of Old Town Lake, near the town of Magnolia Beach, begins at a point near Zimmerman Road and extends northwesterly approximately seven hundred (700) feet.

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 L. Nesbitt  
Surveying Division

Sept. 19, 2014  
Date

Approval Filed as:

*Tex. Nat. Res. Code* Article 33.136 Calhoun County, Sketch No. 6

**TEXAS GENERAL LAND OFFICE**  
**Art. 33.136, Natural Resources Code**  
Co. CALHOUN, REPORT No. 6

File Date 03/13/2018 by K. SCHREIBER

water system, \$87,500.00.  
(361)746-2678.

**PUBLIC NOTICE**

**GENERAL LAND OFFICE  
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:

A Coastal Boundary  
Survey, dated July 2,  
2014, by David L. Nesbitt,  
Licensed State Land  
Surveyor, delineating the  
line of Mean High Water,  
along the southwestern  
shore of Old Town Lake,  
same line being the littoral  
boundary of the George H.  
Hall Survey, Abstract 235.  
The survey is in support  
of a proposed beach  
re-nourishment, authorized  
by SD20140009 (Texas  
General Land Office)  
and Coastal Erosion  
Planning and Response  
Act (CEPRA) Project No.  
1591. The surveyed line  
(centroid coordinates N  
28°33'02", W 96°32'08") is  
situated on the southwest  
shore of Old Town Lake,  
near the town of Magnolia  
Beach, begins at a point  
near Zimmerman Road  
and extends northwesterly  
approximately seven  
hundred (700) feet.

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.

Public Notice. (2014, October 11). *The Port Lavaca Wave*. Retrieved from [https://issuu.com/portlavacawave/docs/101114\\_edition/14](https://issuu.com/portlavacawave/docs/101114_edition/14)

**TEXAS GENERAL LAND OFFICE**  
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