

GENERAL NOTES

- 1) Bearings and coordinates, shown hereon, are grid, based on the Texas Coordinate System, South Central Zone (4204), North American Datum of 1983.
- 2) Coordinates are derived from GPS observations as provided by the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
- 3) Horizontal survey control is referenced to NGS Monument, LAMAR RESET, PID - AN219, with coordinates N(Y) = 13,238,665.02 (4,765,932.75 v) E(X) = 2,615,575.58 (941,609.99 v), using a Trimble R-10 Receiver working within the Trimble - Western Data Network, and shown hereon in U.S. Survey feet, with corresponding values in varas shown in parenthesis.
- 4) The convergence angle at LAMAR RESET is 00°59'00.8".
- 5) The combined scale factor at LAMAR RESET is 1.00008371.
- 6) Distances are grid, in U.S. survey feet, with corresponding varas values shown in parenthesis.
- 7) To convert grid distances to surface, divide by a combined scale factor, for this project of 1.0000846.
- 8) The littoral boundary was established at Mean Higher High Water, elevation 0.90 feet, North American Vertical Datum of 1988, per tidal datum established at Goose Island State Park, operated by the Conrad Blucher Institute.
- 9) Vertical data was transferred via Real Time Kinematic GPS Measurements from a calibrated Vertical data file established from all known NGS and TXDOT vertical monuments in Aransas County, Texas.
- 10) The project mapping angle is 00°59'00.8".
- 11) The subject survey was conducted in support of a Construction of Seawall for Texas Parks and Wildlife at Goose Island State Park - TWPD Project No. 127383 and GLO Lease No. CL20010005
- 12) Adjacent streets are shown graphically for identification purposes only and are not specifically tied to the subject boundary.

FIELD NOTES

FIELD NOTES for a portion of the littoral boundary along the shore of Aransas Bay and Goose Island State Park, Aransas County (formerly Refugio County, Texas), being that same Goose Island State Park approved by the Governor of the State of Texas on April 21, 1931 as a state park under House Concurrent Resolution No. 43, and being the northerly boundary line of Aransas Bay State Submerged Land Tracts 67 and 68, Aransas County, Texas, this boundary being more particularly described as follows:

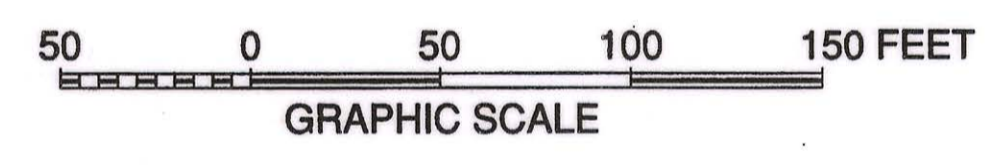
BEGINNING at grid coordinates North (Y) = 13,235,151.920 feet (4,764,654.693 varas), East (X) = 2,618,351.985 feet (942,606.715 varas), Texas Coordinate System, South Central Zone, North American Datum of 1983, a point being on the Mean Higher High Water of said Aransas Bay, at contour elevation 0.90 feet, North American Vertical Datum of 1988, from which a nail and washer set for control bears North 67°49'21" East, a grid distance of 91.98 feet (33.113 varas);

THENCE, with said line of Mean Higher High Water along Aransas Bay, the following courses and distances;

THENCE, North 28°10'26" East, a grid distance of 5.48 feet (1.973 varas) to a point;
 THENCE, North 46°03'17" West, a grid distance of 7.84 feet (2.821 varas) to a point;
 THENCE, North 19°31'09" West, a grid distance of 31.77 feet (11.437 varas) to a point;
 THENCE, North 28°13'31" West, a grid distance of 23.71 feet (8.536 varas) to a point;
 THENCE, North 03°46'59" East, a grid distance of 18.95 feet (6.820 varas) to a point;
 THENCE, North 35°56'19" East, a grid distance of 22.96 feet (8.266 varas) to a point;
 THENCE, North 14°28'01" East, a grid distance of 47.34 feet (17.042 varas) to a point;
 THENCE, North 18°24'39" East, a grid distance of 35.89 feet (12.919 varas) to a point;
 THENCE, North 12°09'57" East, a grid distance of 58.94 feet (21.218 varas) to a point;
 THENCE, North 06°04'51" East, a grid distance of 23.05 feet (8.299 varas) to a point;
 THENCE, North 04°37'02" West, a grid distance of 22.22 feet (8.001 varas) to a point;
 THENCE, North 30°02'08" West, a grid distance of 21.37 feet (7.694 varas) to a point;
 THENCE, North 48°50'26" West, a grid distance of 63.91 feet (23.008 varas) to a point;
 THENCE, North 57°53'39" West, a grid distance of 130.43 feet (46.956 varas) to a point;
 THENCE, North 51°02'56" West, a grid distance of 18.96 feet (6.824 varas) to a point;
 THENCE, North 61°01'33" West, a grid distance of 81.19 feet (29.228 varas) to a point;
 THENCE, North 58°38'11" West, a grid distance of 24.75 feet (8.909 varas) to a point at grid coordinates North (Y) = 13,235,627.112 feet (4,764,825.761 varas), East (X) = 2,618,101.860 feet (942,516.670 varas) for the terminus of this line, from whence a 5/8" steel rebar set for control bears North 57°48'47" East, a grid distance of 23.88 feet (8.597 varas);

COASTAL BOUNDARY SURVEY

GOOSE ISLAND STATE PARK, LAMAR PENINSULA
 ARANSAS COUNTY, TEXAS
 Being The Littoral Boundary Along The Mean Higher High Water
 Of A Portion of Goose Island State Park Along The Northerly Boundary
 Line of Aransas Bay, Submerged Land Tracts 67 and 68,
 Aransas County, Texas



FILING NOTICE:

This Coastal Boundary Survey Plat is being filed in the Plat Records of Aransas County, Texas, as a public record as required by Section 33.136, Natural Resources Code.

J.L. Brundrett, Jr.
 Aransas County Surveyor

COUNTY CLERK CERTIFICATION:

State of Texas
 County of Aransas

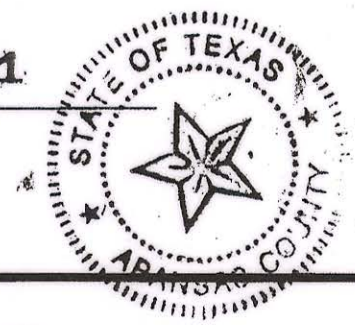
I, Peggy L. Friebele, Clerk of the County Court in and for Aransas County, Texas, do hereby certify that the foregoing instrument of writing dated the 11 day of March, A.D., 2014, with its certificate of authentication was filed for record in my office the 25 day of April, A.D., 2014 at 9:24 o'clock A.M. and duly recorded the 25 day of April, A.D., 2014, at 9:28 o'clock A.M. in the Plat Records of Aransas County, Texas, in Volume 6, Page 136.

Witness my hand and seal of the County Court, in and for Aransas County, Texas, at office in Rockport, Texas, the day and year last written above.

By: Peggy L. Friebele
 Peggy L. Friebele

Gayle J. Otto
 Deputy

Clerk's File No. **334941**



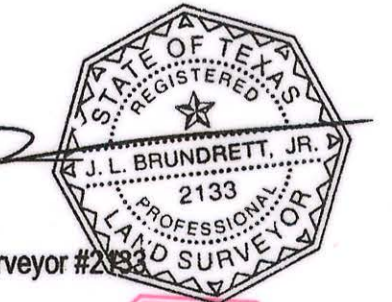
NOTICE:

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.

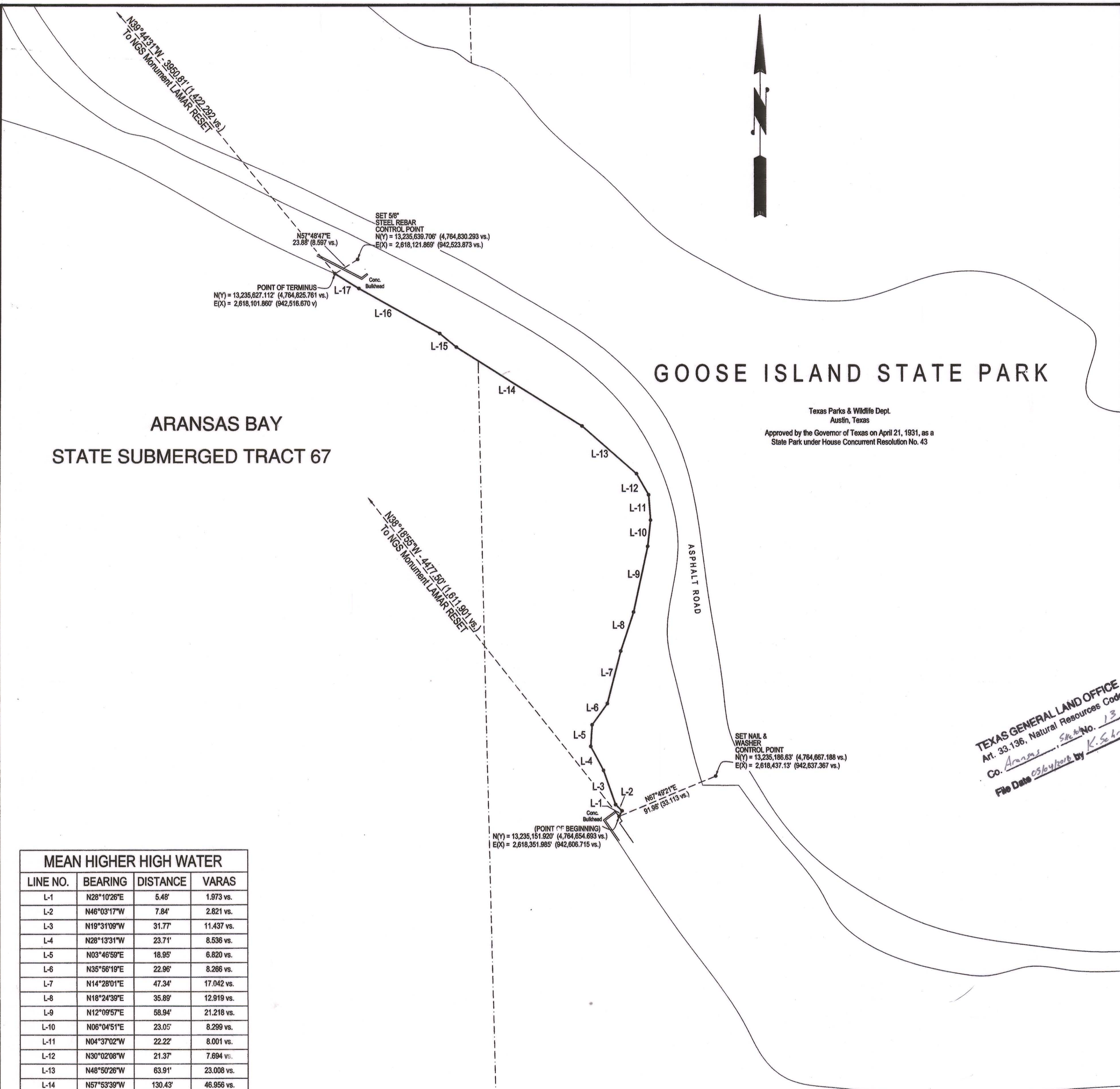
I, J.L. Brundrett, Jr., Registered Professional Land Surveyor and Duty Elected County Surveyor of Aransas County, Texas, and for the State of Texas, hereby certify that the foregoing map represents a survey of the littoral boundary, made in the field according to law, by me and/or under my direct control and supervision, with the field personnel stated, utilizing methodology approved by the Surveying Division of the Texas General Land Office; that, except as shown hereon, there are no areas of artificial fill or build-up, within the limits of this survey; that except as shown hereon, there are no retaining walls, bulkheads or other structures along or immediately landward of the subject boundary and that this map is correct and in accordance with Chapter 21 of the Texas Natural Resources Code.

Surveyed March 11, 2014

J.L. Brundrett, Jr.
 Aransas County Surveyor
 Registered Professional Land Surveyor #22834



Survey Personnel:
 Jesse Marshall
 A. J. Naranjo



GOOSE ISLAND STATE PARK

Texas Parks & Wildlife Dept.
 Austin, Texas
 Approved by the Governor of Texas on April 21, 1931, as a
 State Park under House Concurrent Resolution No. 43

**ARANSAS BAY
 STATE SUBMERGED TRACT 67**

**ARANSAS BAY
 STATE SUBMERGED TRACT 68**

MEAN HIGHER HIGH WATER

LINE NO.	BEARING	DISTANCE	VARAS
L-1	N28°10'26"E	5.48'	1.973 vs.
L-2	N46°03'17"W	7.84'	2.821 vs.
L-3	N19°31'09"W	31.77'	11.437 vs.
L-4	N28°13'31"W	23.71'	8.536 vs.
L-5	N03°46'59"E	18.95'	6.820 vs.
L-6	N35°56'19"E	22.96'	8.266 vs.
L-7	N14°28'01"E	47.34'	17.042 vs.
L-8	N18°24'39"E	35.89'	12.919 vs.
L-9	N12°09'57"E	58.94'	21.218 vs.
L-10	N06°04'51"E	23.05'	8.299 vs.
L-11	N04°37'02"W	22.22'	8.001 vs.
L-12	N30°02'08"W	21.37'	7.694 vs.
L-13	N48°50'26"W	63.91'	23.008 vs.
L-14	N57°53'39"W	130.43'	46.956 vs.
L-15	N51°02'56"W	18.96'	6.824 vs.
L-16	N61°01'33"W	81.19'	29.228 vs.
L-17	N58°38'11"W	24.75'	8.909 vs.

TEXAS GENERAL LAND OFFICE
 Art. 33.136, Natural Resources Code
 Co. Aransas, Sub No. 13
 File Date 03/26/2014 by K.S. Leiber

Firm Name & Address
Griffith & Brundrett
 Surveying & Engineering, Inc.
 411 S. Pearl St., P.O. Box 2322
 Rockport, Texas 78381
 FIRM NO. 10004800
 www.gbsurveyor.com

361-729-6479
 361-729-7933
 jerryb@gbsurveyor.com



**Surveying Division
Coastal Boundary Survey Approval**

Project: Goose Island State Park-Bulkhead

Project No: CL20010005 (GLO)
127383 (Texas Parks and Wildlife Department)

Project Manager: Amy Nuñez, GLO Lower Coast Regional Manager

Surveyor: J. L. Brundrett, Jr., Registered Professional Land Surveyor & County Surveyor, Aransas County

Description: A Coastal Boundary Survey, dated March 11, 2014, by J. L. Brundrett, Jr., Registered Professional Land Surveyor and duly elected County Surveyor for Aransas County, delineating the line of Mean Higher High Water along a portion of the southern shore of Goose Island State Park, situated in Aransas Bay, Submerged Land Tracts 67 and 68 near the southern tip of Lamar Peninsula, in support of proposed bulkhead construction authorized by General Land Office lease no. CL20010005 and installed by the Texas Parks and Wildlife Department (project no. 127383). The site is located between existing concrete bulkheads along the eastern leg of Park Road 13 approximately 850 feet southeasterly from the South Palmetto Street entrance to the park, coordinates N28°07'34", W96°59'02" (WGS84).

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. Pyle
Surveying Division

July 21, 2014
Date

Approval Filed as:

Tex. Nat. Res. Code Article 33.136 Aransas County, Sketch No. 13

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. ARANSAS, Sketch No. 13
File Date 05/04/2018 by K. Schreiber

Stephen F. Austin Building • 1700 North Congress Avenue • Austin, Texas 78701-1495

Post Office Box 12873 • Austin, Texas 78711-2873

512-463-5001 • 800-998-4GLO

www.glo.state.tx.us

per day. The facility is located at 101 West 1st Street in Coke County, Texas 76945.

AQUA DEVELOPMENT INC has applied for a renewal of TPDES Permit No. WQ0014061001, which authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 490,000 gallons per day. The facility is located approximately 2.0 miles east of the intersection of Farm-to-Market Road 973 and Blake Manor Road in Travis County, Texas 78653.

CITY OF WEATHERFORD MUNICIPAL UTILITY BOARD OF TRUSTEES has applied for a major amendment to TPDES Permit No. WQ0014198001 to authorize an increase in the discharge of treated filter backwash effluent from a water treatment plant from a daily average flow not to exceed 636,000 gallons per day to an annual average flow not to exceed 1,000,000 gallons per day. The facility is located at 400 East Lake Drive, approximately 1,400 feet east and 2,100 feet south of the pump station at the dam of Lake Weatherford in the City of Weatherford, Parker County, Texas 76087.

UNITED STATES DEPARTMENT OF THE NAVY which operates the Naval Weapons Industrial Reserve Plant McGregor, has applied for a renewal of TPDES Permit No. WQ0002335000, which authorizes the discharge of treated groundwater from Area M and other groundwater on an intermittent and variable flow basis. The facility is located at 1701 Bluebonnet Parkway, just west of State Highway 317, bounded on the south by Farm-to-Market Road 2671 and on the north by the St. Louis Southwestern Railway, southwest of the City of McGregor, Coryell County, Texas, 76657.

The following do not require publication in a newspaper. Written comments or requests for a public meeting may be submitted to the Office of the Chief Clerk, at the address provided in the information section above, WITHIN (30) DAYS OF THE ISSUED DATE OF THE NOTICE.

THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) has initiated a minor amendment of TPDES Permit No. WQ0010134002 issued to City of Pearland to correct and change BOD5 to CBOD5. The existing permit authorizes the discharge of treated domestic wastewater at an annual average flow not to exceed 4,500,000 gallons per day. The facility is located on Pearland Parkway, 500 feet north of the intersection of Pearland Parkway and Barry Rose Road in Brazoria County, Texas 77581.

If you need more information about these permit applications or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040. General information about the TCEQ can be found at our web site at www.TCEQ.texas.gov. Si desea información en español, puede llamar al 1-800-687-4040.

TRD-201403808

Bridget C. Bohac

Chief Clerk

Texas Commission on Environmental Quality

Filed: August 13, 2014

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 May 20, 2014, by David L. Nesbitt, Licensed State Land Surveyor, delineating the line of Mean High Water along the western shore of Copano Bay and State Submerged Land

Tracts 89 and 90, same line, being a portion of the littoral boundary of the Joseph F. Smith Survey, Abstract 270. The survey is in support of aquatic vegetation planting and offshore breakwater construction, proposed under Texas General Land Office lease No. SL20140017 and is located at the City of Bayside public park and fishing pier (coordinates N 28° 05' 30", W 97° 12' 45", WGS84) and extends northerly and southerly approximately 500 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.

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-201403817

Larry L. Laine

Chief Clerk, Deputy Land Commissioner

General Land Office

Filed: August 13, 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:

A Coastal Boundary Survey, dated March 11, 2014, by J. L. Brundrett, Jr., Registered Professional Land Surveyor and duly elected County Surveyor for Aransas County, delineating the line of Mean Higher High Water along a portion of the southern shore of Goose Island State Park, situated in Aransas Bay, Submerged Land Tracts 67 and 68 near the southern tip of Lamar Peninsula, in support of proposed bulkhead construction authorized by General Land Office lease no. CL20010005 and installed by the Texas Parks and Wildlife Department (project no. 127383). The site is located between existing concrete bulkheads along the eastern leg of Park Road 13 approximately 850 feet southeasterly from the South Palmetto Street entrance to the park, coordinates N28° 07' 34", W96° 59' 02" (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-201403819

Larry L. Laine

Chief Clerk, Deputy Land Commissioner

General Land Office

Filed: August 13, 2014

TEXAS GENERAL LAND OFFICE
♦ Art. 33.136, Natural Resources Code
Co. Aransas, Sketch No. 13

File Date 05/04/2010 by K. Sc. Kreiber

PUBLISHER'S AFFIDAVIT

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. ARANSAS, Sketch No. 13
File Date 10/01/2010 by K. Schreiber

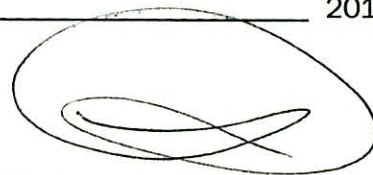
Legal

and 68 near the southern tip of Lamar Peninsula, in support of proposed bulkhead construction authorized by General Land Office lease no. CL20010005 and installed by the Texas Parks and Wildlife Department (project no. 127383). The site is located between existing concrete bulkheads along the eastern leg of Park Road 13 approximately 850 feet southeasterly from the South Palmetto Street entrance to the park, coordinates N28°07'34", W96°59'02" (WGS84).

STATE OF TEXAS
COUNTY OF ARANSAS

BEFORE ME, the undersigned authority, on this day personally appeared Mike Probst, known to me, who being duly sworn on oath deposes and says he is the Publisher of *The Rockport Pilot*, a newspaper published at Rockport, County of Aransas, Texas, and that the attached is a true and correct copy of advertisement which was published in said newspaper in 2 issues thereof on the following dates:

2nd Day of August 2014
9th Day of August 2014
____ Day of _____ 2014
____ Day of _____ 2014
____ Day of _____ 2014
____ Day of _____ 2014
____ Day of _____ 2014



Publisher, Mike Probst

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 March 11, 2014, by J. L. Brundrett, Jr., Registered Professional Land Surveyor and duly elected County Surveyor for Aransas County, delineating the line of Mean Higher High Water along a portion of the southern shore of Goose Island State Park, situated in Aransas Bay, Submerged Land Tracts 67

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 512-463-5212, email bill.o'hara@glo.texas.gov or fax 512-463-5223.

KIM GOVE
NOTARY PUBLIC
STATE OF TEXAS
m. Expires 12-27-2017

Subscribed and sworn to before me this the 11th day of August, 2014.

Kim Gove
Notary Public, Aransas County, TX

Kim Gove
Printed Name

My Commission expires: 12/27/17

Printer's Fee: \$ 175.15
P.O.# (if applicable) _____